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USAFETAC/DS--93/031-1

STATION CLIMATIC SUMMARIES

NORTH AMERICA

VOLUME 1

THE CONTIGUOUS UNITED STATES

FEBRUARY 1993

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER
Scott Air Force Base, Illinois 62225-5116

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-93/031-1, *Station Climatic Summaries, North America, Volume 1, The Contiguous United States,* February 1993, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the DefenseTechnical Information Center (DTIC) to the National Technical Information Service (NTIS).

TERRY LAING, Lt Col, USAF
Chief of Operations

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information
Program Manager
28 February 1993

REPORT DOCUMENTATION PAGE

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13. Abstract: A collection of summarized monthly and annual climatic data for specific locations in North America; last entry in this collection: October 1992. Summarized climatological elements are: percent frequency of occurrence of ceiling and visibility; means, extremes and number of days with specified values of temperature, precipitation, and snowfall; means of relative humidity, vapor pressure, dew point, pressure altitude, and cloud cover; prevailing wind direction, with mean and extreme speeds; and number of days with thunderstorms and fog.

18. Subject Terms: *NORTH AMERICA, CONTIGUOUS UNITED STATES, *METEOROLOGY, *CLIMATOLOGY, *CLIMATE, *WEATHER, *METEOROLOGICAL PHENOMENA, ceiling, visibility, precipitation, surface wind, temperature, relative humidity, dew point, cloud cover, vapor pressure, pressure altitude, thunderstorm, snowfall.

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STATION C' 'TIC SUMMARIES

The "Station Climatic Summary" serie. .mbled and published by the USAF Environmental Technical Applications Center (USAFETAC). The series comprises regional collections of short climatological data summaries for specific stations worldwide. Formats have evolved over the years and as the collections grow larger there is more variety in the way the data is presented. For example, a typical dataset for a given station might include the "AWS Climatic Brief" and an addendum. An "Operational Climatic Data Summary" (or OCDS) might constitute another dataset for certain stations. A two-page "OCDS Supplement" may supplement an AWS Climatic Brief. There may be combinations of all of these. The two main data types are described below:

AWS Climatic Brief: A computer-prepared summary of monthly and annual climatic data for an individual station. If there are shortfalls or limitations in the station's database, the brief will be labeled as "limited," with the reasons included in remarks. Some older briefs are accompanied by an "Addendum." USAFETAC's Operating Location A at Asheville, NC, creates a new climatic brief whenever it prepares a new Surface Observations Climatic Summary (SOCS--formerly RUSSWO, Revised Uniform Summary of Surface Observations) or updates an existing one. A new SOCS is prepared whenever an initial 5-year period of record becomes available. Existing SOCS/RUSSWOs are updated whenever 5 additional years of data are added to the original database. For a brief period in 1988, AWS Climatic Briefs were produced manually, using data provided by OL-A. These products spanned the breech between the older AWS Climatic Brief and the fully automated version now being produced as a part of each SOCS.

Operational Climatic Data Summary: A four-page typewritten summary of monthly and annual climatic data prepared by USAFETAC/DOC when the creation of a standard climatic brief is impractical because of lack of data (period of record too short for SOCS creation, no "summary of day" data available) or to answer a short-notice request. DOC normally uses the latest 10-year period of record (hourly data), more if available. These data are supplemented from other sources such as earlier periods of record, data from contemporary and/or earlier stations, and published data from other sources. All sources are given in the legend. A two-page "Operational Climatic Data Summary Supplement" may follow either of the two preceding data types. OCDSs are not routinely updated.

Which Product to Use? Normally, only one of the two products described above is prepared for a given station; however, when a station has both an "AWS Climatic Brief" and an "Operational Climatic Data Summary," users should decide (from data source and POR) which is the better product for a particular application.

Data Included. The datasets described above normally include monthly and annual climatic data for at least the following elements: Temperature (means and extremes, daily and monthly); relative humidity, vapor pressure, and dew point; pressure altitude, surface winds, precipitation, and mean cloud cover; thunderstorm and fog occurrence (mean number of days); and flying weather by ceiling and visibility categories.

Questions or Comments: Contact USAFETAC/DOC, Scott AFB, IL 62225-5116, DSN 576-3158.

Regional collections of climatic summaries are published as "data summaries"--numbered as below--for each of the seven major geographical areas listed and shown on the map. Each collection is revised when and as required. When a revision is issued, the "DS" end number remains the same (i.e., North America is 031, Europe is 033, and so on); only the year of issue changes. The map shows regional boundaries that correspond to the numbers assigned each volume.

USAFETAC/DS-XX/031 North America
Volume 1 Contiguous United States
Volume 2 Alaska, Canada, and Greenland
USAFETAC/DS-XX/032 Latin America
Volume 1 Mexico and Central America
Volume 2 Caribbean Islands and West Indies
Volume 3 South America

USAFETAC/DS-XX/033 Europe
USAFETAC/DS-XX/034 Africa
USAFETAC/DS-XX/035 Asia
USAFETAC/DS-XX/037 USSR, Mongolia, and China*
USAFETAC/DS-XX/038 Antarctica, Australia, and Oceania

*USAFETAC/DS-XX/036, China, was merged with USAFETAC/DS-XX/037 in 1990.

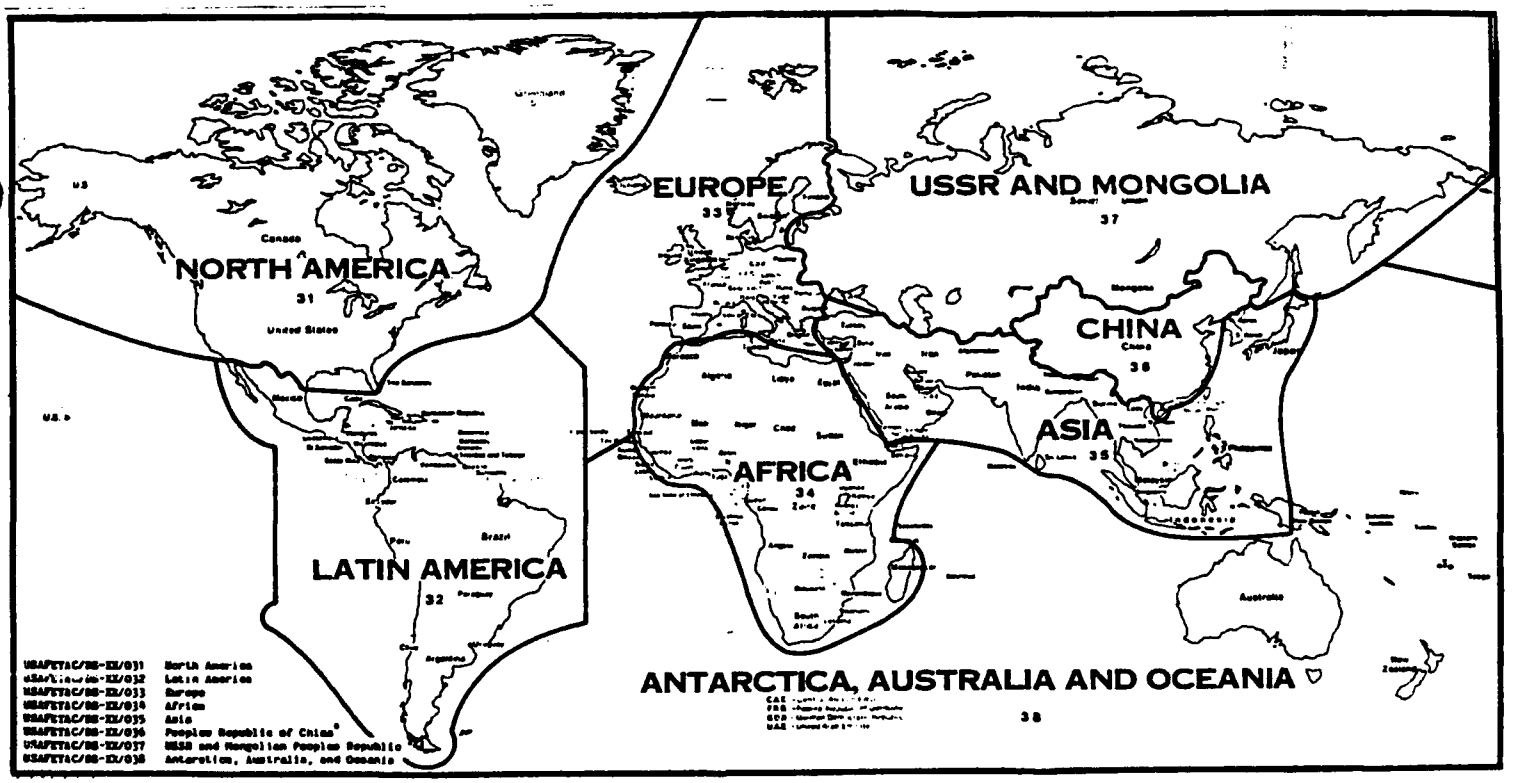


TABLE OF CONTENTS

ALPHABETICAL STATION LISTING BY COUNTRY/STATE/PROVINCE

	WMO #	DATE	PAGE
ALABAMA			
ANNISTON	722287	8901 (OCDS)	1
BROOKLEY FLD (MOBILE)	722235	7012 (CB)	5
CRAIG AFB (SELMA)	722266	7609 (CB)	6
FT RUCKER (CAIRNS AAF)	722269	8505 (CB)	7
HUNTSVILLE (CARL T JONES FLD)	723230	7112 (CB)	8
HUNTSVILLE MAP	723230	7112 (CB)	8A
MAXWELL AFB (MONGOMERY)	722265	9002 (CB)	9
ARIZONA			
DAVIS MONTHAN AFB (TUCSON)	722745	9005 (CB)	11
FT HUACHUCA (LIBBY AAF)	722730	8704 (CB)	13
GILA BEND AAF	747240	8911 (CB)	14
LUKE AFB (PHOENIX)	722785	8608 (CB)	16
TUCSON IAP	722740	9105 (CB)	17
WILLIAMS AFB (CHANDLER)	722786	9112 (CB)	19
YUMA	722800	8905 (OCDS)	21
ARKANSAS			
EAKER (BLYTHEVILLE) AFB	723408	8710 (CB)	25
FT SMITH	723440	8512 (OCDS)	27
LITTLE ROCK AFB	723405	8505 (CB)	31
CALIFORNIA			
BEALE AFB (MARYSVILLE)	724837	8602 (CB)	32
CAMPO (AWRS)	747186	9006 (OCDS)	33
CASTLE AFB (MERCED)	724810	8604 (CB)	37
CHINA LAKE	746120	7011 (CB)	38
DAGGETT/SAN BERNARDINO	723815	8207 (CB)	39
EDWARDS AFB	723810	9003 (CB)	40
EL TORO MCAS/SANTA ANA	722974	7202 (CB)	42
FT HUNTER LIGGETT	723914	8601 (OCDS)	43
FT ORD (FRITZSCHE AAF)	724916	9207 (CB)	47
FRESNO AIR TERMINAL	723890	8909 (CB)	49
GEORGE AFB (VICTORVILLE)	723825	9012 (CB)	51
HAMILTON AFB (SAN RAFAEL)	724956	7006 (CB)	53
IMPERIAL BEACH NAS/REAM FLD	722909	7103 (CB)	54
LEMOORE NAS	747020	8210 (CB)	55
LOS ALAMITOS	722975	8907 (OCDS)	56
MARCH AFB (RIVERSIDE)	722860	8911 (CB)	60
MATHER AFB (SACRAMENTO)	724835	9202 (CB)	62
MCCLELLAN AFB (SACRAMENTO)	724836	8705 (CB)	64
MOFFETT FIELD NAS	745090	7110 (CB)	65
NORTON AFB (SAN BERNARDINO)	722866	9011 (CB)	66
OAKLAND IAP	724930	7910 (CB)	68
OXNARD AFB	723927	7104 (CB)	69

CALIFORNIA (CONTINUED)

PALMDALE APRT	723820	7910 (CB	70
SAN CLEMENTE IS	722925	7102 (CB)	71
SAN CLEMENTE NALF	722925	8903 (OCDS)	72
STOCKTON METRO APRT	724920	7910 (CB)	76
TRAVIS AFB (FAIRFIELD)	745160	8806 (CB)	77
VANDENBERG AFB	723930	9002 (CB)	79

COLORADO

BUCKLEY ANGB	724695	9210 (OCDS)	81
BUCKLEY ANGB	724695	8801 (CB)	85
FT CARSON (BUTTS AAF)	724680	8712 (CB)	88
LA JUNTA MAP	724635	7107 (CB)	90
PETERSON AFB (COLO SPRINGS)	724660	9003 (CB)	91
PUEBLO/MEMORIAL APRT	724640	8712 (CB)	93
USAF ACADEMY (COLO SPRINGS)	745310	8804 (CB)	95

CONNECTICUT

BRADLEY IAP (HARTFORD)	725080	7201 (CB)	97

DELAWARE

DOVER AFB	724088	9204 (CB)	98

FLORIDA

CECIL FLD NAS (JACKSONVILLE)	722067	7607 (CB)	99A
EGLIN AFB (VALPARAISO)	722210	8607 (CB)	99B
ELLYSON NAS (PENSACOLA)	———	7203 (CB)	99C
HOMESTEAD AFB	722026	9001 (CB)	100
HURLBURT FIELD	747770	8609 (CB)	102
JACKSONVILLE IAP	722060	8710 (CB)	103
JACKSONVILLE NAS/TOWERS FIELD	722065	7104 (CB)	105
KEY WEST IAP	722010	7203 (CB)	106
KEY WEST NAS (BOCA CHICA FLD)	722015	7203 (CB)	107
MACDILL AFB (TAMPA)	747880	9112 (CB)	108
MAYPORT NS	722066	7104 (CB)	110
MCCOY AFB (ORLANDO)	722050	6911 (CB)	111
MIAMI IAP	722020	7204 (CB)	112
MIAMI IAP	722020	8612 (OCDS)	113
NASA SHUTTLE LANDING FACILITY	747945	8901 (CB)	117
PATRICK AFB (MELBOURNE)	747950	8104 (CB)	119
PENSACOLA NAS	722225	7108 (CB)	120
SAUFLEY FIELD NAS	722227	7108 (CB)	121
TYNDALL AFB (PANAMA CITY)	747750	9208 (CB)	122

GEORGIA

ALBANY NAS/TURNER AFB	———	7108 (CB)	124
DOBBINS AFB (MARIETTA)	722270	8405 (CB)	125
DOBBINS AFB 9MARIETTA0	———	9208 (OCDS)	126
FT BENNING (LAWSON AAF)	722250	8709 (CB)	130
FT STEWART (WRIGHT AAF)	722090	8611 (CB)	132
GLYNCO NAS (BRUNSWICK)	722136	7104 (CB)	133

GEORGIA (CONTINUED)

HUNTER AAF (SAVANNAH)	747804	8710 (CB)	134
MOODY AFB (VALDOSTA)	747810	8706 (CB)	136
ROBINS AFB (WARNER ROBINS)	722175	8608 (CB)	137

IDAHO

BOISE AIR TERMINAL	726810	9104 (CB)	138
MOUNTAIN HOME AFB	726815	8706 (CB)	140

ILLINOIS

CHANUTE AFB (RANTOUL)	725310	7010 (CB)	141
CHICAGO (O'HARE) ARFF		9208 (OCDS)	142
CHICAGO (O'HARE)	725300	8410 (CB)	146
SCOTT AFB (BELLEVILLE)	724338	9006 (CB)	147

INDIANA

BAKALAR MAP (COLUMBUS)	724360	7103 (CB)	149
FT WAYNE MAP	725330	8710 (CB)	150
GRISSOM AFB (PERU)	725335	8710 (CB)	152

IOWA

DES MOINES MAP	725460	7106 (CB)	154
SIOUX CITY MAP	725570	7110 (CB)	155
WATERLOO MAP	725480	8202 (CB)	156

KANSAS

FORBES AFB (TOPEKA)	724565	7409 (CB)	157
FT LEAVENWORTH (SHERMAN AAF)	724567	7507 (CB)	158
FT RILEY (MARSHALL AAF)	724550	8609 (CB)	159
MCCONNELL AFB (WICHITA)	724505	8706 (CB)	160
SALINA MAP	724586	8209 (CB)	161

KENTUCKY

FT CAMPBELL (CAMPBELL AAF)	746710	8212 (CB)	162
FT KNOX (GODMAN AAF)	724240	8503 (CB)	163

LOUISIANA

BARKSDALE AFB (SHREVEPORT)	722485	9209 (CB)	164
ENGLAND AFB (ALEXANDRIA)	747540	8407 (CB)	166
FT POLK AAF (POLK AAF)	722390	8710 (CB)	167

MAINE

BRUNSWICK NAS	743920	8206 (CB)	169
DOW AFB (BANGOR)	726071	8705 (CB)	170
LORING AFB (CARIBOU)	727125	8710 (CB)	171
PRESQUE ISLE MAP	727130	7910 (CB)	173

MARYLAND

ANDREWS AFB (DC)	745940	8611 (CB)	174
FT MEADE (TIPTON AAF)	724065	7202 (CB)	175
FRIENDSHIP IAP	724060	8205 (CB)	176
PATUXENT RIVER NAS	724040	8205 (CB)	177
PHILLIPS/ABERDEEN	724057	8312 (CB)	178

MASSACHUSETTS

BOSTON (LOGAN IAP)	725090	7911 (CB)	179
FT DEVENS AAF	744905	8508 (CB)	180
LAURENCE G. HANSCOM FIELD	744900	7011 (CB)	181
OTIS ANGB (FALMOUTH)	725060	8705 (CB)	182
SOUTH WEYMOUTH NAS	725097	7104 (CB)	183
WESTOVER AFB (CHICOPEE FALLS)	744910	8603 (CB)	184
WESTOVER AFB (CHICOPEE FALLS)	744910	9208 (OCDS)	186

MICHIGAN

ALPENA (PHELPS-COLLINS FIELD)	726390	8710 (CB)	190
BATTLE CREEK	725396	8505 (OCDS)	192
KINCHELOE AFB (KINROSS)	727345	7201 (CB)	196
K I SAWYER AFB (GWINN)	727435	8411 (CB)	197
SELFRIDGE ANGB	725377	8706 (CB)	198
WURTSMITH AFB (OSCODA)	726395	8706 (CB)	199

MINNESOTA

DULUTH IAP	727450	8712 (CB)	200
MINNEAPOLIS-ST PAUL IAP	726580	8412 (CB)	202
MINNEAPOLIS-ST PAUL IAP	726580	9208 (OCDS)	203

MISSISSIPPI

COLUMBUS AFB (COLUMBUS)	723306	8612 (CB)	207
KEESLER AFB (BILOXI)	747686	8612 (CB)	208

MISSOURI

FT LEONARD WOOD (FORNEY AAF)	724457	8707 (CB)	209
KANSAS CITY IAP	724460	8112 (CB)	210
RICHARDS-GEBAUR AFB (KC)	724466	9208 (OCDS)	211
RICHARDS-GEBAUR AFB (KC)	724466	8508 (CB)	215
WHITEMAN AFB (KNOB NOSTER)	724467	9211 (CB)	216

MONTANA

GREAT FALLS IAP	727750	7109 (CB)	218
MALMSTROM AFB	727755	8902 (CB)	219

NEBRASKA

LINCOLN MAP	725510	7910 (CB)	221
LINCOLN MAP	725510	8803 (OCDS)	222
OFFUTT AFB (OMAHA)	725540	8911 (CB)	226

NEVADA

LAS VEGAS (MCCARRAN IAP)	723860	7810 (CB)	228
NELLIS AFB (LAS VEGAS)	723865	9205 (CB)	229
RENO IAP	724880	7910 (CB)	231
TONOPAH MAP	724855	8312 (CB)	232
TONOPAH TEST RANGE	724844	9010 (CB)	233
YUCCA FLAT AIRSTRIP	723850	8002 (CB)	235

NEW HAMPSHIRE

PEASE AFB (PORTSMOUTH)	726055	8910 (CB)	236

NEW JERSEY

ATLANTIC CITY	724070	8805 (CB)	238
LAKEHURST NAS	724090	7108 (CB)	240
MCGUIRE AFB (WRIGHTSTOWN)	724096	8801 (CB)	241

NEW MEXICO

CANNON AFB (CLOVIS)	722686	8611 (CB)	243
HOLLOMAN AFB (ALAMOGORDO)	747320	8702 (CB)	244
KIRTLAND AFB (ALBUQUERQUE)	723650	8611 (CB)	245
ROSWELL INDUSTRIAL AIR CTR	722680	7104 (CB)	246
WHITE SANDS MISSILE RANGE	747340	8604 (CB)	247

NEW YORK

ALBANY CO APRT	725180	8206 (CB)	248
FORT DRUM, NY	743700	8709 (CB)	249
GREATER BUFFALO IAP	725280	7608 (CB)	250
GRIFFISS AFB (ROME)	725196	9004 (CB)	251
JOHN F. KENNEDY IAP (NYC)	744860	7104 (CB)	253
NIAGARA FALLS IAP	725287	8710 (CB)	254
NIAGARA FALLS IAP	725287	9208 (OCDS)	255
PLATTSBURG AFB	726225	8805 (CB)	260
ROCHESTER (MONROE CO APRT)	725290	7608 (CB)	262
STEWART AFB (NEWBURGH)	725038	7201 (CB)	263
SUFFOLK CO AFB (WESTHAMPTON)	744865	7005 (CB)	264
SYRACUSE (HANCOCK IAP)	725190	8204 (CB)	265
WATERTOWN	72622	8410 (CB)	266

NORTH CAROLINA

CHERRY POINT MCAS	723090	7201 (CB)	267
ELIZABETH CITY CGAS, NC	746941	8804 (CB)	268
FORT BRAGG (SIMMONS AAF)	746930	9202 (CB)	270
NEW RIVER MCAS (JACKSONVILLE)	723096	7201 (CB)	272
POPE AFB (FAYETTEVILLE)	723030	8503 (CB)	273
SEYMOUR-JOHNSON AFB (G'BORO)	723066	8505 (CB)	274
WILMINGTON (NEW HANOVER CO)	723010	7201 (CB)	275

NORTH DAKOTA
FARGO (HECTOR FLD) 727530 8801 (CB) 276
GRAND FORKS AFB 727575 8712 (CB) 278
MINOT AFB 727675 8712 (CB) 280

OHIO
CLINTON CO AFB (WILMINGTON) 724296 7107 (CB) 282
MANSFIELD (LAHN MAP) 725246 8208 (CB) 283
RICKENBACKER ANGB (COLUMBUS) 724285 8203 (CB) 284
TOLEDO EXPRESS APRT 725360 7704 (CB) 285
WRIGHT-PATTERSON AFB 745700 8508 (CB) 286
YOUNGSTOWN MAP 725250 8710 (CB) 287
YOUNGSTOWN MAP 725250 9208 (OCDS) 289

OKLAHOMA
ALTUS AFB 723520 9002 (CB) 293
CLINTON SHERMAN AFB 723526 7103 (CB) 295
CLINTON-SHERMAN FAA 723526 8802 (OCDS) 296
FT SILL (POST AAF) 723550 9207 (CB) 300
HOBART MAP 723525 8802 (OCDS) 302
TINKER AFB (OKLAHOMA CITY) 723540 8506 (CB) 306
VANCE AFB (ENID) 723535 9209 (CB) 307
WILL ROGERS IAP (OKC) 723530 8210 (CB) 309

OREGON
ASTORIA WBAS (CLATSOP CO) 727910 7101 (CB) 310
KLAMATH FALLS (KINGSLEY FLD) 725895 8703 (CB) 311
PORTLAND IAP 726980 9105 (CB) 312

PENNSYLVANIA
OLMSTEAD STATE 725115 7107 (CB) 314
GREATER PITTSBURGH IAP 725200 8002 (CB) 315
GREATER PITTSBURGH IAP 725200 9208 (OCDS) 316
MUIR AAF (INDIANTOWN GAP) 725144 9210 (CB) 320
WILLOW GROVE ARF 720486 9208 (OCDS) 322

SOUTH CAROLINA
CHARLESTON MAP/AFB 722080 8008 (CB) 326
MCENTIRE ANGB (COLUMBIA) 723105 8910 (CB) 327
MYRTLE BEACH AFB 747910 9202 (CB) 329
SHAW AFB (SUMTER) 747900 8910 (CB) 331

SOUTH DAKOTA
ELLSWORTH AFB (RAPID CITY) 726625 8712 (CB) 333

TENNESSEE
MCGHEE-TYSON (KNOXVILLE) 723260 8803 (CB) 335
MEMPHIS NAS 723345 7104 (CB) 337
SEWART AFB (SMYRNA) ——— 7104 (CB) 338

TEXAS

AMARILLO MAP	723630	8202 (CB)	339
BERGSTROM AFB (AUSTIN)	722545	9204 (CB)	340
BIGGS AAF (EL PASO)	722700	8701 (CB)	342
CARSWELL AFB (FT WORTH)	722595	8801 (CB)	343
CHASE NAS (BEEVILLE)	722556	7104 (CB)	345
DYESS AFB (ABILENE)	722665	8801 (CB)	346
ELLINGTON AFB (HOUSTON)	722436	8605 (CB)	348
FT HOOD (HOOD AAF)	722570	9203 (CB)	349
FT HOOD (ROB'T GRAY AAF)	722576	9203 (CB)	351
JAMES CONNALLY (WACO)	-------	7103 (CB)	353
KELLY AFB (SAN ANTONIO)	722535	9008 (CB)	354
KINGSVILLE NAS (NORTH)	722516	7107 (CB)	356
LAREDO AFB	722520	7008 (CB)	357
LAUGHLIN AFB (DEL RIO)	722615	9208 (CB)	358
LUBBOCK REGIONAL APRT	722670	8210 (CB)	360
MINERAL WELLS	722597	7103 (CB)	361
PERRIN AFB (SHERMAN)	722586	7102 (CB)	362
RANDOLPH AFB (SAN ANTONIO)	722536	8705 (CB)	363
REESE AFB (LUBBOCK)	722675	9003 (CB)	364
SHEPPARD AFB (WICHITA FALLS)	723510	8706 (CB)	366
WEBB AFB (BIG SPRING)	722655	7609 (CB)	367

UTAH

HILL AFB	725755	8409 (CB)	368
DUGWAY PROVING GROUND (MICHAELS AAF)	725814	9008 (CB)	369
WENDOVER AF AUX	725810	7011 (CB)	371

VERMONT

BURLINGTON IAP	726170	8710 (CB)	372

VIRGINIA

FT BELVOIR (DAVIDSON AAF)	724037	8509 (CB)	374
FT EUSTIS (FELKER AAF)	723087	9205 (CB)	375
LANGLEY AFB (HAMPTON)	745980	9004 (CB)	377
OCEANA NAS	723075	7911 (CB)	379
QUANTICO MCAS (TURNER FLD)	724035	7106 (CB)	380

WASHINGTON

FAIRCHILD AFB (SPOKANE)	727855	9004 (CB)	381
FT LEWIS (GRAY AAF)	742070	8710 (CB)	383
MCCHORD AFB (TACOMA)	742060	8404 (CB)	385
MOSES LAKE/GRANT CO	727827	8609 (CB)	386
PAINE FIELD (EVERETT)	727937	7004 (CB)	387
SEATTLE (BOEING FIELD)	727935	8805 (CB)	388
SEATTLE/TACOMA IAP	727930	8207 (CB)	390
SPOKANE IAP	727850	7106 (CB)	391
WHIDBEY ISLAND NAS	727975	7108 (CB)	392
YAKIMA MAP	727810	7910 (CB)	393

WISCONSIN

AUSTIN STRAUBEL FLD	726450	8203 (CB)	394
GENERAL BILLY MITCHELL IAP	726400	8501 (CB)	395
GENERAL BILLY MITCHELL IAP	726400	9208 (OCDS)	396
LA CROSSE MUNI (VOLK FLD)	726430	8602 (CB)	400
TRUAX/MADISON FLD	726410	8603 (CB)	401

WYOMING

F E WARREN AFB (CHEYENNE)	725640	8705 (CB)	402
NATRONA COUNTY IAP (CASPER)	725690	8209 (CB)	403

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Anniston, AL
LOCATION: 33°35'N, 85°51'W
PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 722287
ELEVATION: (FEET) 607
PERIOD: 7301-8612

ICAO: ANB
LST = GMT - 6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	77	84	88	92	94	100	106	104	99	92	88	78	106
MEAN DAILY MAX	1	52	58	68	75	82	88	90	89	83	75	66	56	74
MEAN	1	41	45	55	62	69	76	79	78	72	62	54	45	62
MEAN DAILY MIN	1	32	35	44	50	58	66	69	69	63	51	44	35	51
EXTREME MIN	1	-4	12	12	26	38	46	48	56	41	26	15	4	-4
# DAYS GE 90	1	0	0	0	#	3	13	21	17	6	#	0	0	61
# DAYS LE 32	1	16	12	4	1	0	0	0	0	0	1	6	13	54
# DAYS LE 0	1	#	0	0	0	0	0	0	0	0	0	0	0	#
2. PRECIPITATION (INCHES)														
MAXIMUM	2	12.7	15.9	18.1	17.3	8.6	9.3	13.0	12.7	9.0	6.3	15.1	12.2	69.9
MEAN	2	5.0	4.9	6.1	5.2	4.1	3.8	4.6	3.8	3.8	2.6	3.7	4.8	51.7
MINIMUM	2	0.9	1.2	1.4	0.2	0.9	0.4	0.8	0.3	0.3	0	0.6	0.7	27.9
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.01	2	14	12	13	11	11	11	14	11	10	8	11	14	139
# DAYS GE 0.5	2	4	3	4	4	3	3	3	2	3	2	3	4	36
3. SNOWFALL (INCHES)														
MEAN	2	0.4	0.3	#	0	0	0	0	0	0	0	#	0.2	0.9
MAXIMUM	2	3.5	4	0.8	0	0	0	0	0	0	0	0.8	6	6.3
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5	2	#	#	#	0	0	0	0	0	0	0	#	#	1
# DAYS GE 1.0	2	#	#	0	0	0	0	0	0	0	0	0	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("HG) / DEWPOINT (°F)														
RH (15 LST)	1	57	50	48	44	53	51	55	55	55	50	52	55	52
RH (05 LST)	1	81	81	82	84	90	92	93	93	91	90	87	83	87
VAPOR PRESS	1	.21	.23	.30	.37	.53	.67	.76	.74	.62	.43	.33	.24	.45
DEWPOINT	1	32	34	42	49	59	66	70	69	64	52	44	36	51
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	$ENE	$E	$E	$E	$E	$E	$E	$E	$E	$E	$E	$E	$E
MEAN SPEED (PVLG DRCTN)	1	8	7	7	6	6	6	6	6	6	7	6	7	7
MEAN SPEED (ALL OBS)	1	6	6	6	6	5	4	4	4	5	5	6	6	5
MAX (PK GST)	1	55	45	45	51	48	44	47	45	45	37	46	40	55
PRESSURE ALT	1	1340	1050	1380	1090	1200	850	700	700	1000	1090	1190	990	1380
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG														
CLD COVER	1	5	5	5	4	4	4	4	4	4	4	4	5	4
DAYS TSTMS	1	1	2	4	5	7	8	11	10	4	1	2	1	56
DAYS FOG LT 7	1	16	13	14	11	17	16	22	22	20	17	15	13	196
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
2. US WEST OPTICAL PUBLISHING, TD 3200 SUMMARY OF DAY POR 4806-8612
3.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	24	18	10	9	6	11	12	13	13	21	25	16
03-05 LST	33	24	19	12	10	6	14	14	15	14	23	25	18
06-08 LST	35	28	22	15	17	12	20	21	23	19	26	30	22
09-11 LST	41	32	30	20	28	22	32	36	35	29	30	36	31
12-14 LST	42	37	33	24	32	29	44	46	41	33	37	38	36
15-17 LST	40	36	33	22	26	23	33	33	32	28	35	36	31
18-20 LST	35	30	28	21	24	24	29	28	28	23	30	31	28
21-23 LST	31	25	22	12	13	11	18	16	16	15	23	25	19
ALL HOURS	36	29	26	17	20	17	25	26	25	22	28	31	25

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	15	10	5	3	2	6	6	8	7	14	16	9
03-05 LST	24	14	10	7	6	4	10	10	11	9	14	16	11
06-08 LST	26	17	13	9	11	9	17	19	19	14	16	19	16
09-11 LST	32	21	20	13	21	19	30	33	30	23	22	23	24
12-14 LST	32	27	22	18	28	26	41	43	37	28	26	28	30
15-17 LST	31	28	21	14	18	14	25	24	24	23	25	24	23
18-20 LST	25	19	13	8	7	6	11	9	11	13	19	18	13
21-23 LST	22	15	10	5	4	3	7	4	7	9	15	15	10
ALL HOURS	27	19	15	10	12	10	18	19	18	16	19	20	17

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	10	6	4	2	1	2	2	5	5	8	11	6
03-05 LST	17	9	5	4	2	1	3	3	5	4	9	11	6
06-08 LST	19	12	7	5	4	3	9	7	10	8	11	13	9
09-11 LST	22	15	12	7	11	10	18	19	18	14	15	15	15
12-14 LST	22	19	14	11	19	18	29	30	25	20	20	18	20
15-17 LST	23	19	13	7	9	7	12	11	13	15	17	17	14
18-20 LST	19	13	8	4	3	1	4	2	5	8	12	13	8
21-23 LST	15	11	7	3	2	1	2	1	3	5	10	10	6
ALL HOURS	19	13	9	6	6	5	10	9	11	10	13	13	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	0	#	#	#	#	0	#	#	#
03-05 LST	3	1	#	#	0	0	0	#	#	#	#	1	#
06-08 LST	4	1	1	1	#	1	1	1	2	2	1	2	1
09-11 LST	6	2	2	2	3	3	5	5	5	5	3	3	4
12-14 LST	6	3	1	2	4	3	5	8	5	5	5	4	4
15-17 LST	3	2	1	#	#	#	#	#	0	1	1	2	1
18-20 LST	1	#	0	#	#	0	0	0	#	0	#	#	#
21-23 LST	1	#	#	#	0	0	#	#	#	#	0	#	#
ALL HOURS	3	1	1	1	1	1	1	2	2	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Anniston, AL | STATION #: 722287 | ICAO: ANB
LOCATION: 33°35'N, 85°51'W | ELEVATION: (FEET) 607 | LST = GMT - 6
PREPARED BY: USAFETAC/ECR, JAN 1989 | PERIOD: 7301-8612

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	2	2	4	6	7	3	1	#	#	2
03-05 LST	#	1	1	2	2	2	3	3	1	#	0	1	1
06-08 LST	#	#	2	2	2	1	1	#	1	#	#	#	1
09-11 LST	#	1	3	2	2	1	#	#	#	0	1	#	1
12-14 LST	#	#	1	1	2	1	1	#	#	#	0	1	1
15-17 LST	#	#	1	1	1	1	1	#	#	#	#	#	1
18-20 LST	#	#	1	1	2	2	3	3	1	#	#	#	1
21-23 LST	#	1	1	2	4	4	7	6	3	#	0	#	2
ALL HOURS	#	#	1	2	2	2	3	3	1	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	8	9	5	5	3	4	5	7	5	7	7	6
03-05 LST	11	9	8	6	5	4	4	5	6	4	8	7	6
06-08 LST	10	8	9	7	5	2	4	2	4	5	8	9	6
09-11 LST	9	7	10	7	5	2	3	2	5	6	7	10	6
12-14 LST	9	11	9	7	7	3	3	2	6	7	9	11	7
15-17 LST	10	9	9	7	6	3	3	2	5	6	8	9	6
18-20 LST	10	8	7	6	6	3	5	4	6	4	6	8	6
21-23 LST	11	8	9	6	5	4	6	5	5	5	7	7	7
ALL HOURS	10	8	9	6	5	3	4	3	5	5	7	9	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	0	0	#	0	#	0	0	0	#	#
03-05 LST	1	1	0	0	0	0	0	0	0	0	0	#	#
06-08 LST	1	1	#	0	0	0	0	0	0	0	0	#	#
09-11 LST	1	2	#	0	0	0	0	0	0	0	#	#	#
12-14 LST	1	1	#	0	0	0	0	0	0	0	#	#	#
15-17 LST	2	2	1	0	0	0	0	0	0	#	0	1	#
18-20 LST	2	1	#	0	0	0	0	0	0	0	0	#	#
21-23 LST	1	#	#	0	0	0	0	0	0	0	0	#	#
ALL HOURS	1	1	#	0	0	#	0	#	0	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	0	0	#	#	#	#	#	0	#	#
03-05 LST	1	1	#	#	#	0	#	#	#	0	#	#	#
06-08 LST	#	#	#	#	#	0	#	0	#	0	#	#	#
09-11 LST	1	#	#	#	#	0	#	0	#	#	#	#	#
12-14 LST	1	1	1	#	#	#	#	#	0	#	#	#	#
15-17 LST	1	1	1	1	#	#	#	#	#	#	#	1	1
18-20 LST	1	2	3	2	#	#	#	#	1	#	#	2	1
21-23 LST	2	2	3	2	1	#	#	#	#	#	#	1	1
ALL HOURS	1	1	1	1	#	#	#	#	#	#	#	1	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
2.
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	9	4	3	1	1	1	2	3	3	6	9	5
03-05 LST	15	8	4	3	2	1	2	3	3	3	7	9	5
06-08 LST	17	10	5	4	3	3	7	7	8	7	9	11	8
09-11 LST	20	13	9	6	9	8	16	18	15	12	11	13	12
12-14 LST	20	14	10	8	17	14	26	27	21	17	16	15	17
15-17 LST	19	14	9	4	6	3	7	6	9	11	12	14	9
18-20 LST	15	9	5	3	2	1	3	1	4	5	7	9	5
21-23 LST	13	8	5	2	1	1	1	1	3	4	7	8	5
ALL HOURS	16	11	6	4	5	4	8	8	8	8	9	11	8

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	2	1	3	#	1	1	1	1	2	3	2
03-05 LST	8	4	2	1	1	#	#	1	1	1	3	4	2
06-08 LST	10	6	2	3	2	1	3	4	5	4	4	7	4
09-11 LST	13	7	5	5	6	5	9	11	11	9	6	7	8
12-14 LST	13	9	5	5	9	8	17	19	14	10	10	9	11
15-17 LST	12	7	4	2	2	1	3	3	4	5	6	7	5
18-20 LST	8	4	2	1	1	0	1	1	1	1	3	5	2
21-23 LST	8	3	2	1	1	#	1	#	1	1	3	4	2
ALL HOURS	10	5	3	2	3	2	4	5	5	4	5	6	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	1	0	0	#	#	#	#	#	1	1	1
03-05 LST	5	2	1	#	#	#	#	#	1	#	0	2	1
06-08 LST	6	4	2	1	1	1	2	2	4	3	2	5	3
09-11 LST	10	5	2	3	4	4	6	8	9	7	4	5	5
12-14 LST	9	6	2	4	5	5	10	13	9	7	7	6	7
15-17 LST	7	4	2	1	#	#	#	1	1	2	3	3	2
18-20 LST	3	1	#	#	1	#	#	#	#	#	1	1	1
21-23 LST	3	1	1	#	#	#	#	#	#	#	1	2	1
ALL HOURS	6	3	1	1	1	1	2	3	3	2	2	3	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	0	3	3	#	0	#	#	#
03-05 LST	1	#	#	0	0	0	0	#	0	0	#	#	#
06-08 LST	3	1	#	#	#	#	1	1	1	1	0	1	1
09-11 LST	4	2	1	2	2	2	3	3	4	3	1	2	3
12-14 LST	4	2	1	2	3	3	3	6	3	3	3	3	3
15-17 LST	2	1	#	#	0	0	#	#	#	#	1	1	1
18-20 LST	#	0	0	#	#	0	0	0	#	0	0	0	#
21-23 LST	#	0	0	#	0	0	0	#	#	0	0	#	#
ALL HOURS	2	1	#	1	1	1	1	1	1	1	1	1	1

AWS CLIMATIC BRIEF

BROOKLEY FIELD/MOBILE, ALABAMA — PERIOD: 1942-67B — WBAN # 13838 — WMO # 722235

Prepared by ETAC (DEC 1970) — N 30 38 W 88 04 — ELEVATION: 36 ft — STN LTRS: KBFM

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK GUST) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (ft) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≤ 90	MAXIMUM ≤ 32	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	80	61	43	8	4.8	6.0	#	#	N	8	46	85	65	44	.29	350	10	3	#	0	2	17	0	#	5	0	6
FEB	82	64	46	13	4.5	3.7	#	#	N	8	50	84	61	46	.31	450	10	3	0	0	2	14	0	#	3	0	6
MAR	92	69	51	26	7.1	5.4	#	#	SSE	9	59	84	59	50	.36	400	10	4	#	0	5	14	#	2	1	0	6
APR	90	76	59	39	5.9	5.9	0	0	SSE	9	66	87	59	58	.49	400	7	3	0	0	5	13	#	9	0	0	5
MAY	99	84	67	43	3.7	4.7	0	0	S	8	49	87	57	65	.62	300	7	2	0	0	7	8	5	26	0	0	5
JUN	102	89	73	55	6.1	4.5	0	0	S	7	57	88	61	71	.76	250	10	4	0	0	11	5	14	29	0	0	5
JUL	102	90	74	64	7.4	4.2	0	0	W	6	66	89	64	73	.82	200	15	5	0	0	18	4	17	31	0	0	6
AUG	103	90	74	62	5.6	4.7	0	0	W	6	50	89	63	73	.82	200	12	4	0	0	14	4	19	31	0	0	5
SEP	98	86	70	48	7.1	11.8	0	0	N	7	69	87	62	69	.71	250	10	4	0	0	7	7	8	26	0	0	5
OCT	92	79	59	34	2.6	4.8	0	0	N	7	43	84	53	58	.49	300	5	2	0	0	2	9	1	18	0	0	4
NOV	86	69	50	24	3.6	3.0	#	#	N	7	44	83	57	50	.36	350	7	3	0	0	2	12	0	2	1	0	5
DEC	81	62	44	12	5.3	4.1	#	2	N	8	47	84	62	45	.30	300	10	4	#	#	2	15	0	#	4	0	6
ANN	103	77	59	8	63.7	11.8	#	2	N	7	69	86	60	58	.49	350	113	41	#	#	77	122	64	174	14	0	5
EYR	24	24	24	24	24	24	21	21	25	25	20	25	25	25	25	21	24	24	21	21	21	21	24	24	24	24	22

REMARKS

Number Observed Within:	JAN A/B	FEB A/B	MAR A/B	APR A/B	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
(POR: 1900-1969) 60NM	0/0	0/0	0/0	0/0	0/0	2/0	3/2	.7/4	11/6	6/1	1/0	0/0	30/13
(A) Hurricanes/Tropical Storms 120NM	0/0	0/0	0/0	0/0	0/0	10/0	5/2	8/5	22/11	7/1	1/0	0/0	53/19
(B) Hurricanes Only 240NM	0/0	0/0	0/0	0/0	1/0	16/3	10/3	18/8	41/19	20/6	2/0	0/0	108/39

RUSSWO POR: Hrly Obs: Jul 42-Oct 43, Dec 43-Nov 67. Daily Obs: Jul 42-Oct 43, Dec 43-Dec 66.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	38	38	36	28	13	5	5	4	11	10	24	33	20	24
	03-05	40	40	37	33	19	9	10	8	17	16	26	38	24	24
	06-08	46	45	39	32	21	14	13	15	24	27	33	43	29	25
	09-11	36	35	30	23	16	16	17	15	20	14	22	33	23	25
	12-14	29	28	26	17	12	11	15	14	17	11	17	27	19	25
	15-17	26	24	24	15	10	9	11	9	14	9	14	25	16	25
	18-20	28	27	27	18	10	6	7	5	12	9	15	27	16	25
	21-23	32	32	30	22	10	5	4	3	11	8	20	31	17	25
	ALL HOURS	34	33	31	23	14	9	10	9	16	13	21	32	20	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	31	30	29	23	10	3	2	2	7	7	19	26	16	24
	03-05	34	32	31	26	13	5	5	5	12	13	21	30	19	24
	06-08	38	39	32	25	13	8	8	10	19	25	26	36	23	25
	09-11	27	25	21	12	4	4	4	5	10	9	15	25	13	25
	12-14	19	15	14	7	3	3	3	3	6	4	9	16	9	25
	15-17	17	13	15	7	3	2	2	2	6	4	9	14	8	25
	18-20	21	20	20	12	5	2	3	2	6	5	11	18	10	25
	21-23	27	25	23	17	7	2	2	1	6	6	15	23	13	25
	ALL HOURS	27	25	23	16	7	4	4	4	9	9	16	23	14	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	27	24	24	17	4	1	1	1	4	5	14	21	12	24
	03-05	28	27	26	19	8	3	3	2	8	10	14	24	14	24
	06-08	30	32	26	18	7	4	4	5	11	15	19	28	17	25
	09-11	19	17	15	7	1	2	2	2	5	5	10	18	9	25
	12-14	12	9	8	4	1	1	1	1	3	2	6	9	5	25
	15-17	12	8	10	4	1	1	1	1	3	2	6	9	5	25
	18-20	16	14	15	7	2	1	1	1	4	2	7	13	7	25
	21-23	22	19	19	13	3	1	1	#	3	3	11	17	9	25
	ALL HOURS	21	19	18	11	3	2	2	2	5	5	11	17	10	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	10	9	7	4	#	#	#	#	0	1	5	7	4	24
	03-05	11	11	9	6	1	1	#	#	1	2	5	8	5	24
	06-08	10	11	7	4	1	#	#	#	1	2	4	7	4	25
	09-11	3	2	2	#	0	0	#	0	#	#	1	2	1	25
	12-14	1	#	#	#	0	#	#	0	#	0	0	#	#	25
	15-17	1	1	1	#	0	0	#	#	0	0	#	1	#	25
	18-20	4	3	2	#	0	0	0	0	0	#	1	3	1	25
	21-23	7	6	5	1	0	0	0	0	#	#	2	5	2	25
	ALL HOURS	6	5	4	2	#	1	#	#	#	1	2	4	2	

PREPARED BY USAFETAC
SEPTEMBER 1976

STATION NAME CRAIG AFB ALABAMA(SELMA)
LOCATION N32 21 W086 59

PERIOD JUL 41-FEB 76 8
ELEV 166

STN LTRS SEM
WBAN NO 13850
WMO NO 72-4660

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER	FOG VSBY < 7mi	TEMPERATURE MAX ≥ 90	TEMPERATURE MAX ≥ 80	TEMPERATURE MIN ≤ 32	TEMPERATURE MIN ≤ 00
JAN	58	40	49	83	*	4.2	9.4	.9	2.5	#	3	3	82	58	.24	39	900	E	6	52	6	11	3	8	8	1	13	0	8	9	0
FEB	61	42	52	83	1	4.6	10.9	1.8	4.0	#	#	#	81	56	.25	40	800	NW	7	45	6	9	3	0	0	2	11	0	1	5	0
MAR	67	48	58	91	2*	6.5	13.2	1.6	4.3	#	#	#	81	53	.30	45	600	S	7	59	6	11	4	0	0	4	11	#	4	2	0
APR	77	56	67	90	31	5.1	10.9	1.3	6.2	0	0	0	85	51	.40	53	550	S	6	54	5	8	3	0	0	4	12	#	13	8	0
MAY	84	64	74	102	40	4.2	8.2	1.6	3.2	0	0	0	88	51	.54	61	450	SSW	5	52	5	9	3	0	0	5	14	6	24	0	0
JUN	89	70	80	106	48	3.6	6.6	.5	2.8	0	0	0	88	54	.69	68	400	SW	5	59	5	9	2	0	0	7	11	15	28	0	0
JUL	91	73	82	108	57	5.2	10.5	1.3	4.9	0	0	0	91	59	.76	71	350	SSW	4	58	5	12	3	0	0	11	13	19	31	0	0
AUG	91	73	82	104	56	3.*	6.8	.3	2.4	0	0	0	90	55	.76	71	400	F	4	60	5	9	2	0	0	8	16	20	31	0	0
SEP	8*	68	77	101	41	3.7	12.2	.3	3.4	0	0	0	88	54	.62	65	400	E	5	49	5	8	2	0	0	3	16	11	25	0	0
OCT	78	56	67	98	29	2.6	11.2	.5	3.4	0	0	0	86	50	.44	53	450	E	4	58	4	5	2	0	0	1	16	1	14	#	0
NOV	66	46	56	87	15	3.4	15.6	.1	4.4	#	#	#3	84	51	.29	44	900	E	5	44	5	8	2	0	0	1	13	0	2	3	0
DEC	59	41	50	82	6*	4.8	9.8	1.9	4.2	#	#	#	83	58	.25	40	900	E	6	40	6	10	3	0	0	1	14	0	#	7	0
ANN	76	56	66	108	4*	51.2	15.6	.1	6.2	#	3	3	86	54	.42	56	900	E	5	60	5	109	32	#	#	48	60	72	173	26	0
EYR	30	30	30	30	30	22	22	22	22	25	2*	25	94	34	34	34	30	94	34	25	24	22	22	25	25	25	25	30	30	30	30

REMARKS RUSSMO POR:
HRLY OBS: JUL 41-FEB 46, OCT 46-FEB 76

DAILY OBS: JAN-FEB 46, OCT 46-FEB 76

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GRTR % PLVG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	30	25	23	16	8	6	6	6	10	12	19	28	16	21
	03-05	34	32	29	23	18	14	15	16	18	21	23	31	23	34
	06-(8	40	36	32	27	23	21	21	21	27	27	30	36	28	34
	09-11	36	32	29	22	19	19	21	17	24	21	24	32	25	34
	12-14	29	26	21	13	11	11	12	9	16	14	17	27	17	34
	15-17	22	19	16	8	6	6	7	5	10	9	12	21	12	34
	18-20	18	16	13	7	5	5	4	3	7	8	12	19	10	34
	21-23	23	20	16	10	4	3	4	3	7	9	14	23	11	33
	ALL HP	29	26	22	16	12	11	11	10	15	15	19	27	18	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	20	17	13	10	4	5	4	4	7	9	12	20	10	21
	03-05	24	22	19	16	13	11	13	14	14	16	17	23	17	34
	06-08	30	27	22	18	17	16	17	19	22	23	24	28	22	34
	09-11	25	20	16	9	7	6	8	7	12	12	15	22	13	34
	12-14	17	13	9	4	4	3	3	2	6	5	8	16	8	34
	15-17	14	10	7	3	2	2	2	2	5	5	6	13	6	*
	18-20	12	9	7	3	2	2	2	1	3	4	7	12	*	*
	21-23	15	11	9	5	2	2	2	2	4	6	9	15	*	2
	ALL HRS	20	16	13	9	6	6	6	6	9	10	12	19	11	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 mi	00-02	14	12	8	5	3	4	3	3	5	7	7	13	7	21
	03-05	17	16	13	10	8	7	9	10	10	11	11	17	12	34
	06-08	21	18	15	12	10	10	12	13	15	15	17	21	15	34
	09-11	16	13	9	4	3	2	3	3	6	7	9	15	8	34
	12-14	11	7	5	2	1	1	2	1	3	3	5	10	4	34
	15-17	9	6	4	1	1	1	1	1	2	3	6	9	4	34
	18-20	8	6	4	2	1	1	1	#	2	2	4	8	3	34
	21-23	10	8	5	3	1	1	1	1	2	4	5	10	4	33
	ALL HRS	13	11	8	5	4	3	4	4	6	7	8	1*	7	
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	3	1	1	1	#	1	#	#	#	1	1	*	1	21
	03-05	4	2	2	2	1	1	2	2	1	3	3	4	2	34
	06-08	5	3	2	2	1	1	1	1	1	2	3	5	2	34
	09-11	2	1	#	#	0	0	#	0	#	0	1	1	#	34
	12-14	#	#	#	0	#	0	#	0	0	0	#	#	#	34
	15-17	#	#	#	0	#	#	#	0	0	0	#	#	#	34
	18-20	1	#	0	0	#	0	0	0	0	#	#	1	#	34
	21-23	1	#	#	#	0	#	0	#	0	#	1	2	#	33
	ALL HRS	2	1	1	1	#	#	#	#	#	1	1	2	1	

PREPARED BY USAFETAC
MAY 1985

STATION NAME : FT RUCKER AIN AL
LOCATION : N31 16 W085 43

PERIOD : NOV 54-DEC 83
ELEV : 296 FT

STN LTRS: KOZR
WBAN NO: 72226

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	58	39	49	81	8	4.7	9.7	.7	4.0	0	3	3
FEB	62	41	52	85	16	5.6	10.3	1.1	7.7	0	5	4
MAR	69	48	59	89	14	5.8	17.8	.6	9.6	0	0	0
APR	78	56	67	91	33	4.8	14.5	.6	6.5	0	0	0
MAY	84	63	74	98	42	4.1	11.7	.1	5.4	0	0	0
JUN	89	69	79	102	50	4.5	9.1	.8	3.9	0	0	0
JUL	90	72	81	103	57	4.9	11.3	1.7	2.8	0	0	0
AUG	90	72	81	101	59	4.2	13.0	1.0	4.3	0	0	0
SEP	86	68	77	99	38	4.5	11.4	1.1	6.9	0	0	0
OCT	78	56	67	92	34	2.8	10.7	.0	5.3	0	0	0
NOV	69	47	58	86	18	3.2	6.9	.1	2.6	#	#	#
DEC	62	41	52	83	7	4.8	9.2	.8	5.7	#	#	#
ANN	74	54	64	103	7	53.9	17.8	.0	9.6	#	5	#
YRS	29	29	29	29	29	29	29	29	29	29	29	29

MONTH	MEAN RELATIVE HUMIDITY (%) LST 01	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)
JAN	80	57	.22	37	650	SNNW	5	43	6
FEB	79	52	.24	39	700	S N	5	56	6
MAR	82	52	.34	48	750	S S	5	69	6
APR	79	47	.40	53	650	S S	5	53	6
MAY	82	52	.56	62	600	S S	4	62	6
JUN	81	53	.69	68	500	SSSW	3	52	6
JUL	84	59	.79	72	400	S W	3	50	6
AUG	85	59	.76	71	400	S E	2	52	6
SEP	87	59	.67	67	550	SE NE	3	71	6
OCT	83	51	.42	54	550	S NE	4	42	4
NOV	82	53	.32	47	550	S N	4	45	5
DEC	80	55	.25	40	650	S N	5	38	6
ANN	82	54	.44	55	600	S N	4	71	6
YRS	29	29	29	29	29	16	16	26	10

MEAN NUMBER OF DAYS OCCURRENCE OF:

MONTH	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MAX ≤ 40	MIN ≤ 32
JAN	10	5	0	0	2	15	0	0	18	10
FEB	9	4	0	0	2	13	0	0	13	6
MAR	10	4	0	0	5	15	0	0	7	2
APR	7	3	0	0	9	14	0	0	1	0
MAY	8	3	0	0	7	17	1	7	0	0
JUN	10	3	0	0	11	17	3	14	0	0
JUL	14	3	0	0	16	19	5	19	0	0
AUG	12	2	0	0	13	21	4	19	0	0
SEP	9	2	0	0	6	16	1	10	0	0
OCT	6	2	0	0	2	15	0	0	1	0
NOV	7	2	0	0	2	14	0	0	0	2
DEC	10	3	0	0	2	19	0	0	15	7
ANN	112	36	0	0	12	190	14	69	63	27
YRS	29	29	29	29	29	29	29	29	29	29

REMARKS RUSSMO POR:
HOURLY OBS: JAN 74 - DEC 83
SUMMARY OF DAY DATA: NOV 54 - DEC 83

NUMBER OBSERVED WITHIN: (1900-1982) A/B MAY JUN JUL AUG SEP OCT ANN

		MAY	JUN	JUL	AUG	SEP	OCT	ANN
(A) Hurricanes	60NM	0/0	0/4	0/0	0/4	0/4	0/1	0/13
(B) Tropical Storms	120NM	0/1	1/6	1/3	3/5	5/11	1/1	11/27
	240NM	0/3	3/13	2/8	9/21	13/26	3/15	30/86

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS @ % CALM GRTR % PVLG DIRCTN ∂ BASED ON < FULL MONTH

CAV FREQ (%)

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	34	25	30	21	14	6	9	9	11	12	21	29	19	
	03-05	40	31	36	28	27	21	23	27	24	19	26	31	28	
	06-08	44	33	39	28	28	24	25	29	34	24	31	34	31	
	09-11	37	26	27	15	13	12	13	17	21	17	25	29	21	
	12-14	27	20	19	10	8	3	6	8	12	11	19	23	14	
	15-17	20	17	14	8	3	3	3	4	10	9	14	19	10	
	18-20	21	20	16	8	5	2	4	3	9	8	15	21	11	
	21-23	25	23	21	12	7	2	5	3	9	9	16	24	13	
	ALL HRS	31	24	25	16	13	9	11	13	16	14	21	26	18	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	29	20	24	18	12	7	8	8	10	10	16	21	15	
	03-05	33	23	31	24	25	20	22	25	22	14	21	24	24	
	06-08	37	25	33	23	24	21	23	28	32	22	25	28	27	
	09-11	29	19	17	7	6	5	7	9	12	12	19	20	14	
	12-14	16	12	8	4	2	1	2	3	5	6	11	13	7	
	15-17	13	12	6	5	2	1	2	2	6	4	9	12	6	
	18-20	14	14	9	5	3	1	3	1	7	5	9	13	7	
	21-23	19	17	16	9	5	1	3	3	8	6	11	16	10	
	ALL HRS	24	17	16	12	10	7	9	10	13	10	15	18	14	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	25	18	20	14	9	6	6	6	9	7	13	17	13	
	03-05	28	19	25	20	19	15	15	18	17	11	17	20	19	
	06-08	33	20	25	18	16	14	14	21	23	16	21	23	21	
	09-11	23	13	11	3	3	2	3	3	7	7	14	16	9	
	12-14	11	9	5	2	1	1	1	2	3	4	6	9	4	
	15-17	9	8	4	3	1	1	1	1	3	3	7	9	4	
	18-20	11	7	6	3	3	1	2	1	4	3	8	10	5	
	21-23	15	13	12	6	3	1	2	2	7	5	9	12	7	
	ALL HRS	19	13	14	9	7	5	6	7	9	7	12	15	10	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	9	3	3	2	1	0	1	2	2	1	3	3	3	
	03-05	12	5	6	6	4	3	4	5	4	3	4	5	5	
	06-08	11	5	8	4	3	2	2	4	5	3	4	6	5	
	09-11	3	1	2	0	0	0	0	0	0	0	1	2	1	
	12-14	1	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	1	0	0	0	0	0	0	0	0	0	0	1	0	
	18-20	2	1	0	0	0	0	0	0	0	0	1	1	0	
	21-23	3	2	1	0	0	0	0	0	0	0	1	2	1	
	ALL HRS	5	2	2	2	1	1	1	1	1	1	2	3	2	10

AWS CLIMATIC BRIEF

HUNTSVILLE MUNI 1, ALABAMA — PERIOD: 1958-67 — WBAN # 03856 — WMO # 72323

Prepared by ETAC (DEC 1971) — N 34 41 W 86 35 — FIELD ELEVATION: 619 ft — STN LTRS: HSV

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND) @	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE 99.95% (ft msl)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUD (TENTHS)
JAN	75	50	29	-11	4.4	2.7	2	7	SE	7	33	80	60	29	.16	1050	10	4	2	#	1	10	0	0	20	1	6
FEB	82	54	33	5	4.9	2.7	1	4	SE	8	33	79	58	33	.19	1200	10	3	1	#	2	9	0	#	14	0	6
MAR	88	62	40	12	6.6	4.7	1	3	SE	9	40	77	51	37	.22	1100	10	4	1	#	5	7	0	3	8	0	6
APR	92	75	51	30	5.1	3.5	0	0	SE	8	33	78	46	47	.32	1050	10	4	0	0	6	4	#	12	1	0	6
MAY	96	83	59	38	4.0	2.7	0	0	SE	6	27	84	47	57	.47	850	9	3	0	0	7	4	6	22	0	0	5
JUN	98	88	66	46	4.4	2.1	0	0	ESE	5	27	87	52	65	.62	850	10	3	0	0	8	5	12	28	0	0	6
JUL	104	90	69	53	5.2	3.8	0	0	SE	5	27	88	54	68	.69	800	11	3	0	0	10	8	17	31	0	0	6
AUG	99	89	68	54	3.9	3.1	0	0	SE	5	27	89	54	68	.69	800	10	2	0	0	7	9	15	29	0	0	5
SEP	100	84	63	37	3.3	2.3	0	0	SE	6	27	84	52	62	.56	800	8	2	0	0	3	8	8	22	0	0	5
OCT	91	75	50	28	2.6	2.3	0	0	SE	6	27	85	48	50	.36	900	6	2	0	0	1	9	#	11	1	0	4
NOV	84	63	40	17	3.4	2.1	#	4	SE	7	33	84	53	41	.26	950	9	3	#	#	1	12	0	#	8	0	6
DEC	75	51	32	0	5.0	4.0	3	16	SE	8	33	79	59	31	.17	1000	10	3	1	#	1	12	0	0	17	#	6
ANN	104	72	50	-11	52.8	4.7	7	16	SE	7	40	83	53	49	.35	1000	113	36	5	#	52	97	58	158	69	1	5
EYR	9	9	9	9	9	9	9	9	6	6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	6

REMARKS

Number Observed Within: (POR: 1900-1970)		JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	ANN A/B
	60 NM	1/0	0/0	0/0	0/0	0/0	0/0	1/0
(A) Hurricanes/Tropical Storms	120 NM	3/0	1/0	2/0	4/0	0/0	0/0	10/0
(B) Hurricanes Only	240 NM	10/0	6/1	11/3	22/4	10/1	1/0	60/9

RUSSWO POR: Hrly Obs: 5809-6412; Daily Obs: 5809-6712. [1]Closed. @Highest hourly wind speed class interval.

NOTE; -DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	31	29	21	15	9	7	6	3	10	11	23	27	16	
	03-05	34	32	26	19	9	13	9	10	15	16	26	30	20	
	06-08	34	36	29	24	13	15	16	18	18	23	29	37	24	
	09-11	38	34	31	22	13	18	19	15	19	18	24	35	24	
	12-14	34	30	23	12	8	10	7	6	15	13	20	29	17	
	15-17	28	23	18	9	4	5	2	3	9	8	17	24	13	
	18-20	26	21	18	11	3	4	3	2	8	8	17	23	12	
	21-23	27	24	16	12	5	4	2	1	8	8	18	24	12	
	ALL HOURS	31	29	23	15	8	9	8	7	13	13	22	29	17	6
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	21	15	9	9	4	4	3	1	5	8	14	15	9	
	03-05	21	18	10	9	5	8	7	7	10	12	14	17	12	
	06-08	23	23	14	12	6	8	12	14	13	18	20	22	15	
	09-11	24	18	11	7	4	4	4	4	9	11	15	20	11	
	12-14	22	12	7	4	3	1	1	2	6	5	11	17	8	
	15-17	18	10	7	4	1	2	0	1	3	4	10	13	6	
	18-20	17	10	7	6	2	2	1	1	4	3	10	13	6	
	21-23	17	13	6	6	2	2	1	1	4	4	12	15	7	
	ALL HOURS	20	15	9	7	3	4	4	4	7	8	13	16	9	6
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	10	7	4	4	1	2	1	1	3	4	7	9	4	
	03-05	12	10	5	4	1	5	3	4	6	7	9	10	6	
	06-08	16	13	5	4	3	5	5	8	8	12	13	12	9	
	09-11	15	8	4	3	1	1	1	1	3	5	9	12	5	
	12-14	14	6	1	1	1	#	#	1	2	2	5	9	4	
	15-17	10	6	3	2	#	1	0	1	1	1	4	8	3	
	18-20	9	4	2	1	1	2	#	#	2	1	5	9	3	
	21-23	10	5	3	3	#	1	#	#	1	1	6	9	3	
	ALL HOURS	12	7	3	3	1	2	1	2	3	4	7	10	5	6
CIG less than 200 feet and/or VSBY less than ¼ mile	00-02	1	#	#	0	#	#	0	0	1	1	1	1	#	
	03-05	1	1	1	0	0	1	#	2	1	1	2	1	1	
	06-08	1	1	1	0	0	1	#	2	1	3	4	2	1	
	09-11	#	0	#	0	0	0	0	0	0	#	#	1	#	
	12-14	0	#	0	0	0	0	0	0	0	0	0	0	#	
	15-17	#	0	0	0	0	0	0	0	0	0	0	#	#	
	18-20	#	0	#	0	0	0	#	0	0	0	0	#	#	
	21-23	#	0	0	0	0	0	0	0	0	#	1	1	#	
	ALL HOURS	#	#	#	0	#	#	#	#	#	1	1	1	#	6

AWS CLIMATIC BRIEF

Prepared by ETAC (DEC 1971)

HUNTSVILLE/MADISON COUNTY JETPORT/CARL T. JONES FIELD, ALABAMA N34 39 W86 46 FIELD ELEVATION: 628 ft

PERIOD: 1967-70

WBAN #
WMO # 72323
STN LTRS: KHSV

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN			PRESSURE ALTITUDE (FEET)	MEAN NUMBER OF DAYS									MEAN CLDNS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FASTEST[1] SPEED (MILE)	RELATIVE HUMIDITY (%) 0600	RELATIVE HUMIDITY (%) 1200	DEW POINT (°F)		PRECIP ≥ 0.01 in	PRECIP ≥ in	SNOWFALL ≥ in	SNOWFALL ≥ 1.0 in	THUNDERSTORMS	FOG (< 5/16 MILE)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≤	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	70			3		3.0	3	2		8	26	84	68			10			1	1	3	0		21	0	7
FEB	69			7		3.1	1	2		8	25	85	60			9			#	#	1	0		20	0	7
MAR	82			19		2.3	1	2		8	40	83	56			9			#	2	#	0		11	0	7
APR	89			31		2.6	0	0		8	38	85	58			10			0	5	2	0		1	0	6
MAY	92			42		4.3	0	0		7	27	87	57			10			0	6	1	2		0	0	6
JUN	101			51		4.5	0	0		6	30	87	55			8			0	8	1	12		0	0	5
JUL	101			56		1.5	0	0		5	37	86	58			9			0	10	3	21		0	0	6
AUG	101			58		2.0	0	0		5	27	86	58			9			0	8	1	16		0	0	5
SEP	95			44		1.6	0	0		5	37	90	60			8			0	5	2	5		0	0	5
OCT	89			30		1.4	0	0		7	25	86	59			7			0	3	2	0		1	0	6
NOV	80			15		1.8	#	#		7	30	86	58			9			0	1	3	0		10	0	6
DEC	77			14		5.0	#	1		8	33	81	60			11			#	1	#	0		17	0	7
ANN	101			3		5.0	5	2		7	40	85	59			109			1	50	19	56		81	0	6
EYR	3			3		3	3	3		3	3	3	3			3			3	3	3	3		3	3	3

REMARKS:

[1]Fastest mile converted to knots.
[2]Sunrise to Sunset only.
All data taken from 1970 NOAA/EDS Local Climatological Data Annual Summary.
See also AWS Climatic Brief for Huntsville Municipal Airport (closed).

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR

A W S	STATION NAME: MAXWELL AFB AL	FIELD ELEV: 168 FT
	LATITUDE/LONGITUDE: 32 23 N 086 22 W	STATION MSC: 722265
CLIMATIC BRIEF	HOURLY OBS POR: SEP 79 - AUG 89	CALL SIGN: KMXF
(LIMITED)	SUMMARY OF DAY POR: 3510-3608, 3701-7203, 8508-8908 (FULL TIME), 7204-8507 (PART TIME)	
	HOURS SUMMARIZED: 00-23 LST (EXCEPT 06-23 LST 7204-8507)	
FEB 90	LST TO UTC: +06	SUPERSEDES: SEP 82

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	82	85	88	93	98	104	105	103	101	96	88	84	105	54
MEAN MAX TEMP (F)	57	61	68	77	84	90	91	91	86	78	67	59	76	54
MEAN TEMP (F)	48	51	58	66	74	80	82	82	77	67	56	50	66	54
MEAN MIN TEMP (F)	38	41	48	55	63	70	73	72	68	56	46	40	56	54
EXTRM MIN TEMP (F)	3	12	20	30	43	50	61	60	42	32	14	7	3	54
D/W TEMP GE 95 (F)	0	0	0	0	1	6	8	6	2	#	0	0	23	54
D/W TEMP GE 90 (F)	0	0	0	1	7	18	21	21	11	1	0	0	80	54
D/W TEMP LT 33 (F)	10	6	1	#	0	0	0	0	0	#	3	8	28	54
D/W TEMP LT 20 (F)	1	1	0	0	0	0	0	0	0	0	#	1	3	54
HEATING DEGREE DAYS	514	378	245	62	6	0	0	0	2	54	265	464	1990	39
COOLING DEGREE DAYS	7	11	37	115	308	483	553	541	384	135	23	7	2604	39
MEAN DEWPOINT TEMP (F)	34	38	44	50	60	68	71	71	65	54	48	3[illegible]	54	10
MEAN WET BULB TEMP (F)	41	45	52	57[illegible]	65	72	75	74	69	60	54	46	59	10
99.95% WCPA (FT)	450	650	650	550	400	400	300	350	400	400	500	450	500	10
MEAN REL HUM 07 LST(%)	76.0	77.3	76.3	75.8	77.6	79.4	81.6	83.3	80.0	80.5	80.1	76.2	78.7	10
MEAN REL HUM 13 LST(%)	53.5	53.1	48.5	46.3	50.1	52.6	57.0	56.2	52.5	49.5	52.6	53.5	52.1	10
MAX 24HR PRECIP (IN)	3.33	5.09	6.00	4.34	4.00	6.28	4.68	5.60	5.39	3.30	5.85	3.61	6.28	44
MAX PRECIP (IN)	11.60	9.02	14.04	11.23	12.88	11.77	10.73	15.39	10.36	8.27	19.34	10.12	85.86	44
MEAN PRECIP (IN)	4.54	4.86	5.99	4.47	3.96	4.24	5.50	4.05	4.01	1.99	3.85	5.37	52.97	44
MIN PRECIP (IN)	.85	1.59	1.60	.27	.47	.50	1.65	.95	.13	.02	.13	.89	30.16	44
D/W PRECIP GE .01 (IN)	11	10	10	8	9	9	12	9	8	5	8	10	109	44
D/W PRECIP GT .50 (IN)	3	3	4	3	3	3	3	3	2	1	3	4	35	44
MAX 24HR SNFL (IN)	3.0	1.5	#	1.0	0	0	0	0	0	0	#	1.0	3.0	54
MAX SNFL (IN)	5.9	1.5	#	1.0	0	0	0	0	0	0	#	1.0	5.9	54
MEAN SNFL (IN)	.1	#	#	#	0	0	0	0	0	0	#	#	.1	54
D/W SNFL GE .1 (IN)	1	#	0	#	0	0	0	0	0	0	0	#	1	54
D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	54
MAX DLY SNO DEPTH (IN)	3	#	#	1	0	0	0	0	0	0	0	1	3	54
PRVLNG WND DIR (DEG)	\$32-34	\$32-34	\$32-34	\$26-28	\$17-19	\$20-22	\$23-25	[illegible]8-10	\$05-07	\$02-04	\$02-04	\$35-01	\$02-04	10
MEAN WND SPD (KTS)	4	5	5	4	4	3	3	3	3	3	4	4	4	10
MAX WND SPD (KTS)	44	54	61	65	58	59	5[illegible]	52	47	51	47	42	65	31
SKY COVER GT 5/10 (%)	56.0	60.0	55.0	48.2	50.0	48.2	49.0	46.8	43.0	42.0	54.0	53.8	50.6	10
D/W THUNDERSTORMS	1	2	4	5	6	9	13	9	4	1	1	1	56	40
D/W FOG (VSBY LT 7 MI)	15	12	13	12	14	13	16	17	15	15	15	14	171	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	23.9	33.6	24.2	8.6	5.1	3.9	3.8	5.8	10.3	14.0	26.7	22.3	15.2	04
	03 - 05	28.4	39.4	32.3	16.2	21.1	18.5	17.7	18.2	20.4	23.9	37.3	27.6	25.1	04
CIG	06 - 08	36.0	35.5	32.5	23.4	23.4	22.8	22.8	25.3	27.1	27.6	34.8	34.4	28.8	10
LT 3000 FT	09 - 11	32.2	34.5	28.2	19.4	15.5	14.4	16.9	13.8	22.3	23.0	31.5	30.4	23.5	10
AND/OR	12 - 14	27.0	28.5	19.6	11.6	8.6	6.0	7.2	5.8	14.8	14.9	24.5	21.6	15.8	10
VSBY	15 - 17	22.7	24.7	16.1	6.6	3.7	3.6	4.0	4.7	7.4	10.9	20.2	18.0	11.9	10
LT 3 MI	18 - 20	21.5	24.1	14.8	6.8	3.4	2.0	3.5	3.1	7.0	10.5	18.1	17.7	11.0	10
	21 - 23	23.6	21.8	17.4	9.1	3.0	1.7	2.2	3.1	6.6	11.6	19.8	17.8	11.5	10
	ALL	27.1	29.2	22.3	12.9	10.6	9.2	10.1	10.1	14.7	17.0	25.7	23.6	17.5	10
	00 - 02	15.2	21.8	14.0	4.4	4.0	1.4	3.5	4.1	7.2	9.9	15.3	15.8	9.7	04
	03 - 05	20.8	28.2	21.5	11.5	16.7	13.9	14.5	16.0	17.6	17.9	27.3	22.0	19.0	04
CIG	06 - 08	26.5	23.9	18.2	16.9	16.9	16.4	19.6	21.8	21.3	20.9	24.9	24.3	21.0	10
LT 1500 FT	09 - 11	21.7	23.7	13.5	9.2	4.7	5.2	6.7	7.5	10.3	14.0	18.1	17.7	12.7	10
AND/OR	12 - 14	15.2	17.0	7.4	3.0	1.3	1.2	2.4	2.7	4.4	6.6	9.8	9.0	6.7	10
VSBY	15 - 17	13.4	12.8	7.6	1.8	.5	1.3	1.5	2.4	3.0	5.3	6.1	8.7	5.4	10
LT 3 MI	18 - 20	12.0	13.0	7.9	1.8	.9	.4	.9	2.0	2.9	5.7	7.7	8.3	5.3	10
	21 - 23	14.6	13.9	10.2	2.5	1.0	.7	.7	1.9	3.9	5.6	9.3	10.2	6.2	10
	ALL	17.3	18.3	11.6	6.2	5.4	5.0	6.1	7.3	8.6	10.5	13.7	13.8	10.2	10
	00 - 02	9.8	15.3	9.1	2.2	3.0	1.1	1.6	3.0	5.0	6.7	11.1	10.9	6.6	04
	03 - 05	14.6	22.4	12.1	7.9	11.1	9.3	9.5	10.3	11.9	12.1	20.4	15.4	13.1	04
CIG	06 - 08	20.4	18.5	12.0	9.9	8.5	9.3	12.2	13.5	12.9	14.6	17.4	17.0	13.8	10
LT 1000 FT	09 - 11	15.8	16.0	7.2	3.3	1.6	1.9	1.7	2.4	4.7	5.9	9.8	12.1	6.9	10
AND/OR	12 - 14	10.7	11.5	4.8	.9	.6	.6	1.0	.9	2.6	1.6	3.8	5.6	3.7	10
VSBY	15 - 17	8.4	7.2	4.7	.4	.1	.3	.5	.9	1.6	2.2	3.6	5.8	3.0	10
LT 2 MI	18 - 20	9.4	8.3	4.7	.9	.2	.3	.5	.6	1.6	2.7	5.2	6.0	3.4	10
	21 - 23	10.7	9.6	5.6	1.0	.5	.0	.3	.6	2.2	3.3	6.7	6.9	3.9	10
	ALL	12.5	12.7	7.0	3.1	2.9	2.7	3.3	3.9	5.0	5.8	8.7	9.5	6.3	10
	00 - 02	.8	.6	1.1	.6	.3	.0	.0	.0	.3	1.1	.0	3.0	.6	04
	03 - 05	1.9	1.5	3.0	1.8	.4	1.3	.7	1.8	.7	1.7	3.0	5.4	1.9	04
CIG	06 - 08	3.6	1.1	1.9	1.3	.5	.6	.4	1.0	.7	1.4	3.5	4.4	1.7	10
LT 200 FT	09 - 11	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.2	10
AND/OR	12 - 14	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	10
VSBY	15 - 17	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.4	.1	10
LT 1/2 MI	18 - 20	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.4	.0	10
	21 - 23	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.6	.2	10
	ALL	1.0	.5	.6	.3	.2	.2	.1	.3	.2	.4	.8	1.5	.5	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/2	0/0	0/1	0/3	0/3	0/0	0/9
120NM	0/0	0/6	1/3	4/7	4/8	1/6	0/0	10/30
240NM	0/3	3/16	2/7	11/21	15/30	3/18	1/0	35/95

REMARKS : ALL SUMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM MAXWELL AFB AL.

A W S	STATION NAME: DAVIS-MONTHAN AFB AZ	FIELD ELEV: 2705 FT
	LATITUDE/LONGITUDE: 32 10 N 110 53 W	STATION MSC: 722745
CLIMATIC BRIEF	HOURLY OBS POR: MAY 79 - APR 89	CALL SIGN: KDMA
	SUMMARY OF DAY POR: JUL 41 - JAN 46, JAN 48 - APR 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: NOV 86
MAY 90	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	88	89	97	102	106	112	111	111	108	101	91	84	112	48
MEAN MAX TEMP (F)	63	67	71	80	88	98	98	96	93	84	72	65	81	48
MEAN TEMP (F)	52	55	58	66	74	83	86	84	81	71	60	53	69	48
MEAN MIN TEMP (F)	40	42	45	52	59	69	74	73	69	59	47	41	56	48
EXTRM MIN TEMP (F)	17	23	22	31	37	50	63	63	51	31	26	20	17	48
D/W TEMP GE 100 (F)	0	0	0	#	1	13	13	6	4	#	0	0	37	48
D/W TEMP GE 90 (F)	0	0	1	4	15	27	28	27	23	8	#	0	133	48
D/W TEMP LT 40 (F)	14	10	6	1	#	0	0	0	0	1	4	12	48	48
D/W TEMP LT 33 (F)	4	2	1	#	0	0	0	0	0	#	1	3	11	48
HEATING DEGREE DAYS	388	293	222	70	11	0	0	0	#	23	175	356	1538	42
COOLING DEGREE DAYS	#	4	17	106	295	561	653	608	486	229	26	1	2986	42
MEAN DEWPOINT TEMP (F)	31	31	31	31	33	38	55	59	50	40	31	31	38	10
MEAN WET BULB TEMP (F)	42	44	46	50	54	60	67	68	63	55	46	43	53	10
99.95% WCPA (FT)	2800	2850	2900	2850	2850	2850	2800	2800	2800	2800	2800	2850	2900	10
MEAN REL HUM 07 LST(%)	57.7	56.0	50.9	39.4	33.6	28.4	50.8	60.7	51.1	49.0	49.4	55.7	48.6	10
MEAN REL HUM 13 LST(%)	35.4	32.0	27.5	20.2	17.1	15.7	28.9	34.3	28.2	27.6	29.5	35.1	27.6	10
MAX 24HR PRECIP (IN)	1.18	1.56	1.95	1.04	.68	.67	2.29	2.16	2.53	3.01	1.25	1.45	3.01	48
MAX PRECIP (IN)	3.00	3.24	2.32	1.78	1.08	1.15	6.18	4.89	4.35	5.26	2.10	5.81	23.32	48
MEAN PRECIP (IN)	.94	.77	.79	.33	.17	.27	2.06	1.92	1.27	.93	.67	1.03	11.22	48
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.23	.15	.00	.00	.00	.00	5.67	48
D/W PRECIP GE .01 (IN)	4	4	4	2	1	2	10	8	4	3	3	4	49	48
D/W PRECIP GT .50 (IN)	1	1	1	#	#	#	1	1	1	1	1	1	9	48
MAX 24HR SNFL (IN)	2.9	3.1	2.2	.5	#	0	0	0	0	0	6.6	6.0	6.6	41
MAX SNFL (IN)	4.9	3.5	4.1	.5	#	0	0	0	0	0	6.6	6.0	6.6	41
MEAN SNFL (IN)	.3	.1	.1	#	#	0	0	0	0	0	.2	.3	1.1	41
D/W SNFL GE .1 (IN)	1	1	#	#	0	0	0	0	0	0	#	1	3	41
D/W SNFL GE 1.5 (IN)	#	#	#	0	0	0	0	0	0	0	#	#	#	41
MAX DLY SNO DEPTH (IN)	1	1	4	0	0	0	0	0	0	0	3	3	4	41
PRVLNG WND DIR (DEG)	11-13	11-13	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	11-13	14-16	10
MEAN WND SPD (KTS)	4	4	5	5	5	5	5	4	4	4	4	4	4	10
MAX WND SPD (KTS)	41	50	47	56	47	60	68	70	46	49	46	50	70	40
SKY COVER GT 5/10 (%)	39.0	41.4	35.0	31.6	22.0	20.7	47.0	45.9	24.0	25.2	27.0	36.9	33.3	10
D/W THUNDERSTORMS	1	1	1	1	2	3	15	14	5	2	1	1	47	40
D/W FOG (VSBY LT 7 MI)	1	1	1	#	#	0	#	#	1	1	1	1	7	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	.3	2.0	.0	.2	.0	.0	.0	.1	.1	.0	.4	1.9	.4	10
	03 - 05	1.0	1.2	.1	.2	.0	.0	.0	.0	.0	.1	.8	2.5	.5	10
CIG	06 - 08	1.6	1.5	1.2	.0	.0	.0	.3	.1	.1	.2	1.1	2.0	.7	10
LT 3000 FT	09 - 11	1.6	.9	.9	.0	.0	.0	.0	.0	.0	.3	.8	1.4	.5	10
AND/OR	12 - 14	1.1	.8	.2	.0	.1	.1	.0	.1	.7	.5	.4	1.1	.4	10
VSBY	15 - 17	.4	1.1	.6	.1	.0	.0	.1	.2	.6	.1	.3	6	.3	10
LT 3 MI	18 - 20	1.2	1.5	.3	.0	.0	.0	.2	.0	.4	.0	.3	.9	.5	10
	21 - 23	.9	2.1	.4	.3	.0	.0	.1	.0	.1	.0	.6	1.6	.5	10
	ALL	1.0	1.4	.5	.1	.0	.0	.1	.1	.2	.2	.6	1.6	.5	10
	00 - 02	.2	.6	.0	.0	.0	.0	.0	.1	.1	.0	.3	.9	.2	10
	03 - 05	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.1	.2	10
CIG	06 - 08	.8	.5	.4	.0	.0	.0	.2	.1	.1	.0	.7	1.0	.3	10
LT 1500 FT	09 - 11	.8	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	1.1	.2	10
AND/OR	12 - 14	.5	.4	.1	.0	.1	.1	.0	.1	.7	.4	.3	.6	.3	10
VSBY	15 - 17	.3	.4	.1	.1	.0	.0	.1	.1	.3	.1	.3	.5	.2	10
LT 3 MI	18 - 20	.6	.8	.1	.0	.0	.0	.2	.0	.3	.0	.1	.8	.2	10
	21 - 23	.4	.9	.1	.0	.0	.0	.1	.0	.0	.0	.1	.4	.2	10
	ALL	.6	.5	.1	.0	.0	.0	.1	.1	.2	.1	.4	.8	.2	10
	00 - 02	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.1	10
	03 - 05	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	.9	.2	10
CIG	06 - 08	.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.7	.9	.2	10
LT 1000 FT	09 - 11	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.8	.1	10
AND/OR	12 - 14	.1	.2	.0	.0	.0	.1	.0	.0	.3	.1	.1	.2	.1	10
VSBY	15 - 17	.3	.0	.0	.0	.0	.0	.1	.0	.3	.0	.3	.5	.1	10
LT 2 MI	18 - 20	.5	.2	.0	.0	.0	.0	.2	.0	.2	.0	.0	.5	.1	10
	21 - 23	.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	.1	10
	ALL	.4	.2	.0	.0	.0	.0	.1	.0	.1	.0	.2	.6	.1	10
	00 - 02	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	10
	03 - 05	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.1	10
CIG	06 - 08	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	10
LT 200 FT	09 - 11	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10
AND/OR	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
VSBY	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	AUG	SEP	ANN
60NM	0/0	0/0	0/0
120NM	0/0	0/0	0/0
240NM	1/1	0/1	1/2

REMARKS : @

CD DATED NOVEMBER 1972 IS OBSOLETE

PREPARED APRIL 1987
OL-A/USAFETAC/AWS/98C

STATION NAME: FT HUACHUCA AZ
LOCATION: N 31 35 W 110 20

ELEVATION: 4664 FT STATION ID: KFHU
GMT TO LST: -7 WSC # 722730

A W S
CLIMATIC BRIEF
FOR LIMITED
DUTY STATIONS

CAUTION: MEANS AND EXTREMES BELOW ARE ONLY FOR THE HOURS 0800 - 2200 LST
PERIOD OF RECORD: SEP 76 - AUG 86

MONTH	TEMPERATURES DAILY MEAN HIGH (F)	AVG (F)	LOW (F)	RELATIVE HUMIDITY % LST 07	13	VAPOR PRESS (INS) MB	DEW PT (F)	PRESS ALT FEET 99.95%	SURFACE WINDS PVLG DCTN 16PT	AVG KTS	HIGH KTS	NO CEIL-ING (#)
JAN	58	47	35	72	44	.17	33	4930	S W	4	51	65
FEB	62	50	37	61	32	.15	27	4900	S W	5	49	75
MAR	65	54	41	55	28	.15	27	4950	W	6	57	73
APR	73	61	47	62	22	.15	28	4930	W	7	57	80
MAY	82	69	55	36	20	.15	32	4850	W	7	57	93
JUN	93	78	65	34	22	.24	39	4750	W	6	53	78
JUL	89	78	67	61	37	.44	55	4650	S W	5	72	51
AUG	87	76	65	67	42	.47	57	4730	S W	4	56	57
SEP	84	73	61	63	37	.38	51	4750	S W	4	45	57
OCT	75	64	52	60	35	.25	41	4830	SSW	4	45	71
NOV	66	54	42	61	34	.17	31	4850	S W	4	52	75
DEC	63	48	36	63	36	.15	28	4950	S W	4	53	75
ANN	74	63	53	56	32	.23	38	4850	S W	5	72	72
YRS	13	13	13	13	13	13	13	13	10	13	13	13

THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION; THEREFORE, THEY WERE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
TEMPERATURES														
EXT MAX (F)	97	91	92	101	106	110	111	108	106	101	90	84	111	30
MEAN (F)	49	50	55	62	71	81	83	82	80	70	56	50	67	30
EXT MIN (F)	9	14	21	29	38	48	58	55	42	31	18	14	9	30
PRECIPITATION														
MAX 24-HOUR	1.2	1.4	1.0	.7	.5	1.1	2.9	2.5	2.5	2.6	1.6	1.6	2.9	30
MAX MON (INS)	2.7	2.7	2.4	1.2	.7	1.3	8.9	8.1	7.5	5.5	2.2	5.0	8.9	30
MEAN (INS)	.5	.6	.7	.3	.1	.3	4.0	3.5	2.0	1.2	.5	.9	15.	30
MIN MON (INS)	0	0	0	0	0	0	1.0	.4	T	0	0	0	0	30
SNOWFALL														
MAX 24-HOUR	4	5	6	3	0	0	0	0	0	T	6	7	7	30
MAX MON (INS)	13	10	7	4	0	0	0	0	0	1	5	18	18	30
MEAN (INS)	1	2	2	T	0	0	0	0	0	T	1	2	T	30
MIN MON (INS)	0	0	0	0	0	0	0	0	0	0	0	0	0	30
PEAK WIND KTS	51	49	57	57	57	53	72	56	45	45	52	53	72	30
DAYS WITH														
THUNDERSTORMS	T	T	T	1	2	5	20	18	8	2	T	T	56	30
FOG	2	1	1	T	T	T	T	T	1	1	1	2	9	30
MEAS. PRECIP.	5	4	4	2	1	3	15	12	7	4	3	4	64	30

REMARKS: "APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED"
1. THE MEAN ANNUAL PRECIPITATION OF 15. WAS ROUNDED FROM 14.8.
2. THE EXTREME WINDS IN THE SUPPLEMENTAL SECTION ARE IDENTICAL IN VALUES TO THOSE IN THE HOURLY SECTION BECAUSE NO SPEEDS EXCEEDING THE HOURLY VALUES WERE IDENTIFIED FROM AN EARLIER PERIOD OR OTHER SOURCES DURING TIMES STATION WASN'T OPERATIONAL.
3. THE MINIMUM TEMPERATURES ARE CONSIDERABLY LOWER THAN THE HOURLY VALUES BASED ON AN EARLIER PERIOD AND OTHER SOURCES.

SYMBOLS: * DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION # AMOUNTS < UNITS SHOWN IN HEADING & SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS
CEILING LESS	06 - 08	6	5	4	1	0	0	2	2	1	7	4	7	3	10
THAN 3300 FT	09 - 11	7	5	2	1	1	0	1	1	1	5	4	6	3	10
AND/OR	12 - 14	5	4	2	1	1	0	#	#	1	3	4	5	2	10
VISIBILITY	15 - 17	6	3	2	1	#	#	#	#	1	3	4	5	2	10
LESS THAN	18 - 20	5	4	2	1	#	0	1	#	1	2	3	4	2	10
3 MI	21 - 22	6	6	2	1	0	0	1	1	#	3	3	#	3	10
CEILING LESS	06 - 08	3	3	2	1	0	0	1	1	#	3	2	3	2	10
THAN 1500 FT	09 - 11	4	3	1	1	0	0	1	#	1	3	2	2	2	10
AND/OR	12 - 14	2	2	1	1	0	0	#	#	1	1	1	2	2	10
VISIBILITY	15 - 17	2	2	1	1	0	#	#	#	#	1	2	2	1	10
LESS THAN	18 - 20	3	2	1	1	#	0	1	#	1	1	1	2	1	10
3 MI	21 - 22	3	2	0	1	0	0	1	0	0	1	1	2	1	10
CEILING LESS	06 - 08	2	2	1	#	0	0	1	1	#	2	1	2	1	10
THAN 1000 FT	09 - 11	2	1	1	#	0	0	#	#	1	1	1	2	1	10
AND/OR	12 - 14	2	1	1	#	0	0	0	#	#	1	1	2	1	10
VISIBILITY	15 - 17	1	1	1	1	0	#	#	#	#	1	1	1	1	10
LESS THAN	18 - 20	2	1	#	1	#	0	#	0	#	1	1	1	1	10
2 MI	21 - 22	3	2	0	1	0	0	0	0	0	1	1	1	1	10
CEILING LESS	06 - 08	0	#	#	0	0	0	0	#	0	1	#	#	#	10
THAN 200 FT	09 - 11	1	#	#	0	0	0	0	0	0	0	0	1	#	10
AND/OR	12 - 14	1	0	#	0	0	0	0	0	0	0	0	#	#	10
VISIBILITY	15 - 17	#	#	#	0	0	0	0	0	0	0	0	#	#	10
LESS THAN	18 - 20	1	#	#	0	0	0	0	0	0	0	0	1	#	10
1/2 MI	21 - 22	1	1	0	#	0	0	0	0	0	0	0	0	#	10

A W S	STATION NAME: GILA BEND AAF AZ	FIELD ELEV: 858 FT
	LATITUDE/LONGITUDE: 32 53 N 112 43 W	STATION MSC: 747240
CLIMATIC BRIEF	HOURLY OBS POR: JUN 79 - MAY 89	CALL SIGN: KGBN
	SUMMARY OF DAY POR: 4811-6302 (FULL TIME), 6303-7111, 8207-8905 (PART TIME)	
	HOURS SUMMARIZED: 00-23 LST (4811-6302), 06-22 LST (6303-7111, 7906-8905)	
NOV 89	LST TO UTC: +07	SUPERSEDES: DEC 75

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	87	92	98	110	115	118	121	120	118	114	96	87	121	39
@ MEAN MAX TEMP (F)	68.1	73.0	78.0	86.7	95.9	105.6	109.3	106.5	102.9	91.8	77.6	69.1	88.7	30
@ MEAN TEMP (F)	53.0	57.1	61.8	69.2	78.2	87.3	94.0	91.8	86.4	74.8	61.8	53.9	72.4	30
@ MEAN MIN TEMP (F)	37.9	41.1	45.4	51.7	60.4	68.9	78.7	77.0	69.9	57.8	45.9	38.6	56.1	30
@ EXTRM MIN TEMP (F)	18	24	25	37	40	53	61	57	49	31	28	20	18	39
D/W TEMP GE 100 (F)	0	0	0	2	10	23	29	27	19	3	0	0	113	39
D/W TEMP GE 90 (F)	0	1	2	12	23	29	31	31	28	18	1	0	176	39
D/W TEMP LT 40 (F)	16	9	4	1	0	0	0	0	0	1	5	14	50	39
D/W TEMP LT 33 (F)	5	2	1	0	0	0	0	0	0	#	1	3	12	39
@ HEATING DEGREE DAYS	376	242	150	33	6	0	0	0	0	11	132	351	1301	30
@ COOLING DEGREE DAYS	#	20	50	159	415	669	899	831	642	315	36	7	4043	30
MEAN DEWPOINT TEMP (F)	36.5	35.9	36.0	35.0	37.7	40.7	56.9	60.1	52.2	43.9	36.3	36.6	42.4	10
MEAN WET BULB TEMP (F)	47.2	49.0	51.8	55.3	59.5	64.3	71.8	72.5	67.0	59.2	51.1	47.1	58.2	10
99.95% WCPA (FT)	1100	1150	1200	1200	1200	1200	1200	1200	1200	1200	1150	1150	1300	10
MEAN REL HUM 07 LST(%)	71.0	64.4	56.1	38.1	31.1	25.9	42.5	51.2	45.8	49.6	56.3	69.8	50.0	10
MEAN REL HUM 13 LST(%)	40.1	33.9	29.1	20.2	17.0	13.9	25.4	28.2	25.3	26.5	30.3	42.1	27.6	10
@ MAX 24HR PRECIP (IN)	1.73	1.35	1.63	.60	.93	.40	1.43	3.00	2.75	1.10	1.58	1.23	3.00	39
@ MAX PRECIP (IN)	2.61	1.83	2.55	1.89	1.33	.57	2.05	5.61	2.85	1.88	2.15	3.81	10.56	39
MEAN PRECIP (IN)	.66	.48	.47	.15	.10	.03	.67	1.36	.60	.41	.39	.64	6.03	39
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	#	.03	.00	.00	.00	.00	1.30	39
D/W PRECIP GE .01 (IN)	4	2	3	1	1	1	4	5	2	2	2	3	30	39
D/W PRECIP GT .50 (IN)	1	1	1	#	#	0	1	1	1	1	1	1	9	39
@ MAX 24HR SNFL (IN)	0	.1	0	0	0	0	0	0	0	0	0	2.5	2.5	39
@ MAX SNFL (IN)	0	.1	0	0	0	0	0	0	0	0	0	2.5	2.5	39
@ MEAN SNFL (IN)	0	#	0	0	0	0	0	0	0	0	0	.1	.1	39
@ D/W SNFL GE .1 (IN)	0	#	0	0	0	0	0	0	0	0	0	#	#	39
@ D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	39
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	39
MEAN SFC WND DIR (DEG)	$030	$030	$240	$240	$240	$240	$240	$240	$270	$030	$030	$030	$240	10
MEAN WND SPD (KTS)	3.5	3.6	4.4	5.0	5.1	4.7	4.4	3.7	3.9	3.5	3.6	3.3	4.1	10
@@ MAX WND SPD (KTS)	42	38	50	40	38	46	52	48	42	40	40	34	52	29
SKY COVER GT 1/2 (%)	39.0	47.4	36.0	32.2	23.0	16.4	29.0	28.7	21.0	28.3	29.0	40.2	30.9	10
D/W THUNDERSTORMS	1	1	1	1	1	1	6	6	2	1	1	1	23	30
D/W FOG (VSBY LT 7 MI)	1	1	#	0	0	0	#	1	#	#	1	1	5	30

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	.5	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.7	1.1	.4	10
LT 3000 FT	09 - 11	1.1	2.2	.5	.4	.0	.0	.2	.0	.0	.0	.9	2.2	.6	10
AND/OR	12 - 14	1.0	1.7	.9	.3	.0	.0	.0	.0	.0	.0	1.4	3.5	.7	10
VSBY	15 - 17	.3	2.0	.7	.2	.0	.0	.0	.0	.2	.2	.7	3.0	.6	10
LT 3 MI	18 - 20	.0	2.2	.0	.0	.0	.0	.5	.2	.0	.0	.0	.9	.3	10
	21 - 22	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10
	ALL	.6	2.0	.5	.2	.0	.0	.1	.0	.0	.0	.8	2.2	.5	10
	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	10
LT 1500 FT	09 - 11	.	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	1.	.3	10
AND/OR	12 - 14	.6	.2	.5	.1	.0	.0	.0	.0	.0	.0	.8	1.1	.3	10
VSBY	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.5	.1	10
LT 3 MI	18 - 20	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.6	.1	10
	21 - 22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.2	.3	.1	.0	.0	.0	.1	.0	.0	.0	.5	.8	.2	10
	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.1	10
LT 1000 FT	09 - 11	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.3	.1	10
AND/OR	12 - 14	.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.5	.0	.1	10
VSBY	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.0	10
LT 2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10
	21 - 22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	10
	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	10
LT 200 FT	09 - 11	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	10
AND/OR	12 - 14	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
VSBY	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	JUL	AUG	SEP	OCT	ANN
60NM	0/0	0/0	0/0	0/0	0/0
120NM	0/0	0/1	0/0	0/0	0/1
240NM	0/0	1/1	0/1	0/0	1/2

REMARKS @ : SUMMARY OF THE DAY (SOD) AND HEATING/COOLING DEGREE DAY DATA WERE SUPPLEMENTED FROM:

CLIMATOGRAPHY OF THE UNITED STATES (NO. 20) FOR GILA BEND AZ, SOD POR: JAN 51 - DEC 80.

@@ : MAX WND SPD DATA WERE DERIVED FROM HOURLY OBSERVATIONS (GUSTS) FOR POR 4811-5412, 6809-8601 AND FROM SOD DATA (PEAK WINDS) FOR POR 8602-8905.

PREPARED BY: USAFETAC
AUGUST 1986

STATION NAME : LUKE AFB AZ
LOCATION : N33 33 W112 22

PERIOD : DEC 41-MAY 86 B
ELEV : 1090 FT

STN LTRS: KLUF
WBAN NO: 722785

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (mb Hg)	DEW PT (°F)	PRESSURE (PT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (ET) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.0	THUNDER STORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≤ 110	MAX ≤ 100	MIN ≤ 0	MIN ≤ 32
JAN	65	40	53	85	21	.8	3.2	.0	2.2	0	0	0	70	65	.22	37	1650	N	3	42	5	3	1	0	0	0	2	0	0	14	3
FEB	69	43	56	91	25	.8	3.6	.0	1.5	0	0	0	64	38	.20	35	1650	N	4	44	5	4	0	0	0	1	1	0	0	9	2
MAR	73	47	61	95	28	.8	3.8	.0	2.2	0	0	0	59	34	.22	37	1500	N	4	50	5	4	0	0	0	1	1	0	0	3	0
APR	82	53	68	102	35	.3	1.8	.0	.8	0	0	00	44	22	.20	35	2000	N	5	47	4	2	0	0	0	0	0	0	0	0	0
MAY	92	62	77	112	43	.1	1.9	.0	1.4	0	0	0	35	19	.22	37	2200	SW	5	46	3	1	0	0	0	1	0	0	0	0	0
JUN	102	70	86	118	53	.1	1.1	.0	1.1	0	0	0	29	15	.26	31	2050	SW	5	49	3	0	0	0	0	1	0	0	19	0	0
JUL	105	79	92	118	55	.7	2.8	0	1.9	0	0	0	46	27	.49	38	2350	SW	5	69	5	4	0	0	0	6	0	5	27	0	0
AUG	102	77	90	117	60	1.1	8.4	0	2.9	0	0	0	52	30	.52	40	2350	SSW	4	62	4	4	1	0	0	0	0	2	23	0	0
SEP	98	70	84	112	50	.9	4.0	.0	3.5	0	0	0	53	30	.46	35	2400	N	4	508	4	2	1	0	0	1	0	0	13	0	0
OCT	86	58	72	109	32	.6	3.6	.0	1.4	0	0	0	51	29	.29	44	1750	N	3	40	3	2	0	0	0	1	0	0	1	0	0
NOV	74	46	60	93	30	.6	3.5	.0	1.0	0	0	0	55	32	.20	35	1700	N	3	51	4	3	0	0	0	1	1	0	0	5	0
DEC	65	43	53	87	23	.9	4.5	.0	1.7	0	0	0	65	39	.20	36	1700	N	3	41	5	3	1	0	0	0	2	0	0	15	2
ANN	84	57	71	118	21	7.7	8.4	.0	3.5	0	0	0	52	30	.27	37	2000	N	4	69	4	32	4	0	0	23	3	11	88	44	7
YR	43	40	40	40	40	43	40	40	40	35	35	35	10	10	10	10	11	10	10	27	10	40	40	35	35	35	35	40	40	40	40

REMARKS

RUSSW) FOR
HOURLY OBS: JUN 76 - MAY 86
SUMMARY OF DAY DATA: DEC 41 - NOV 46
APR 51 - MAY 86

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PVLG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	1	2	1	0	0	0	1	0	0	0	1	1	1	
	03-05	2	2	1	0	0	0	0	0	0	0	1	1	1	
	06-08	2	3	1	0	0	0	0	0	0	0	1	1	1	
	09-11	3	3	1	0	0	0	0	0	0	1	0	1	1	
	12-14	3	2	1	0	0	0	0	0	0	1	1	1	1	
	15-17	2	2	1	0	0	0	0	0	0	0	1	1	1	
	18-20	1	2	1	0	0	0	1	0	0	0	1	2	1	
	21-23	1	2	1	0	0	0	1	1	0	0	1	2	1	
	ALL HRS	2	2	1	0	0	0	0	0	0	0	1	3	1	11
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	1	1	1	0	0	0	1	0	0	0	0	1	0	
	03-05	1	1	0	0	0	0	0	0	0	0	0	2	0	
	06-08	2	2	1	0	0	0	0	0	0	0	0	2	1	
	09-11	2	1	0	0	0	0	0	-	0	0	0	3	1	
	12-14	2	1	0	0	0	0	0	0	0	0	1	3	1	
	15-17	1	1	0	0	0	0	0	0	0	0	1	2	0	
	18-20	1	0	1	0	0	0	1	0	0	0	1	1	0	
	21-23	1	1	1	0	0	0	1	1	0	0	1	1	1	
	ALL HRS	1	1	1	0	0	0	0	0	0	0	1	2	1	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	1	1	0	0	0	0	0	0	0	0	0	1	0	
	03-05	1	1	0	0	0	0	0	0	0	0	0	1	0	
	06-08	1	1	0	0	0	0	0	0	0	0	0	2	0	
	09-11	1	1	0	0	0	0	0	0	0	0	0	2	0	
	12-14	1	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	1	0	
	18-20	0	0	0	0	0	0	1	0	0	0	0	1	0	
	21-23	0	0	0	0	0	0	1	0	0	0	0	1	0	
	ALL HRS	1	1	0	0	0	0	0	0	0	0	0	1	0	10
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	0	0	0	0	0	0	0	0	0	0	0	0	0	
	06-08	0	0	0	0	0	0	0	0	0	0	0	0	0	
	09-11	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	0	0	0	0	0	0	0	0	0	0	0	0	0	10

A W S	STATION NAME: TUCSON IAP AZ	FIELD ELEV: 2641 FT
	LATITUDE/LONGITUDE: 32 07 N 110 56 W	STATION NSC: 722740
CLIMATIC BRIEF	HOURLY OBS POR: DEC 60 - NOV 90	CALL SIGN: KTUS
	SUMMARY OF DAY POR: JUN 46-NOV 46, OCT 48-NOV 90	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: MAY 71
MAY 91	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	87	92	99	104	107	117	114	108	107	101	90	84	117	43
MEAN MAX TEMP (F)	64	68	73	81	90	99	99	96	94	84	73	65	82	43
MEAN TEMP (F)	52	54	59	66	74	84	86	84	81	71	59	52	69	43
MEAN MIN TEMP (F)	38	40	44	51	58	68	74	72	67	57	45	39	55	43
EXTRM MIN TEMP (F)	16	20	20	33	38	47	62	61	44	26	24	16	16	43
D/W TEMP GE 100 (F)	0	0	0	#	2	15	15	9	5	#	0	0	46	43
D/W TEMP GE 90 (F)	0	#	1	4	17	28	29	29	24	9	#	0	141	43
D/W TEMP LT 40 (F)	17	12	7	2	#	0	0	0	0	1	7	17	63	43
D/W TEMP LT 33 (F)	6	4	1	0	0	0	0	0	0	#	1	5	17	43
@@HEATING DEGREE DAYS	253	180	100	18	#	0	0	0	0	7	96	220	874	39
@@COOLING DEGREE DAYS	0	0	0	#	22	164	220	147	79	4	0	0	636	39
MEAN DEWPOINT TEMP (F)	29	29	28	29	31	37	55	59	50	41	32	30	37	10
MEAN WET BULB TEMP (F)	41	43	46	50	54	60	67	68	62	54	46	42	53	10
99.95% WCPA (FT)	2800	2800	2850	2850	2800	2800	2750	2700	2800	2750	2800	2800	2850	10
MEAN REL HUM 07 LST(%)	61.8	58.5	50.7	40.0	33.1	29.6	54.4	63.0	55.3	54.8	56.4	61.9	51.7	10
MEAN REL HUM 13 LST(%)	31.3	27.7	23.3	17.5	13.9	13.2	27.6	31.3	26.8	26.3	27.5	32.1	24.9	10
MAX 24HR PRECIP (IN)	1.08	1.26	1.19	.74	.50	1.27	3.93	2.48	2.85	2.96	1.57	1.22	3.93	43
MAX PRECIP (IN)	2.94	2.90	2.26	1.66	.74	1.46	6.17	7.93	5.11	4.98	1.90	5.02	21.86	43
MEAN PRECIP (IN)	.88	.66	.69	.32	.15	.24	2.49	2.23	1.40	.95	.61	.92	11.49	43
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.37	.23	.00	.00	.00	.00	5.34	43
D/W PRECIP GE .01 (IN)	5	3	4	2	1	2	11	9	5	3	3	4	52	43
D/W PRECIP GT .50 (IN)	1	1	1	#	0	#	1	1	1	1	1	1	9	43
MAX 24HR SNFL (IN)	4.3	2.2	4.0	2.0	0	0	0	0	0	#	6.4	6.8	6.8	43
MAX SNFL (IN)	4.7	3.9	5.7	2.0	0	0	0	0	0	#	6.4	6.8	8.3	43
MEAN SNFL (IN)	.4	.3	.3	.1	0	0	0	0	0	#	.1	.3	1.5	43
D/W SNFL GE .1 (IN)	1	1	#	#	0	0	0	0	0	0	#	1	3	43
D/W SNFL GE 1.5 (IN)	#	#	#	#	0	0	0	0	0	0	#	#	#	43
MAX DLY SNO DEPTH (IN)	1	4	5	0	0	0	0	0	0	0	1	5	5	43
PRVLNG WND DIR (DEG)	11-13	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	11-13	14-16	10
MEAN WND SPD (KTS)	7	7	8	8	8	8	8	7	8	7	7	7	7	10
MAX WND SPD (KTS)	41	42	46	48	48	50	70	62	62	43	44	41	70	22
SKY COVER GT 5/10 (%)	38.1	41.7	38.8	34.6	24.2	22.8	52.3	49.1	28.6	28.0	31.0	37.4	35.5	10
D/W THUNDERSTORMS	1	1	1	1	1	3	15	14	6	2	1	1	47	43
D/W FOG (VSBY LT 7 MI)	1	1	#	#	0	0	#	#	1	#	1	1	5	43

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	2.5	2.6	1.1	.9	.0	.0	.0	.2	.5	.2	1.0	4.2	1.1	10
	03 - 05	2.4	2.3	1.5	.8	.0	.0	.1	.3	.1	.4	1.2	3.6	1.1	10
CIG	06 - 08	2.0	2.4	1.8	.8	.0	.0	.3	.7	.2	.4	1.6	3.1	1.1	10
LT 3000 FT	09 - 11	2.7	3.3	1.0	.8	.0	.0	.3	.2	.1	.6	1.1	2.7	1.1	10
AND/OR	12 - 14	2.5	2.7	1.0	.5	.0	.1	.0	.3	.6	.2	1.4	2.9	1.0	10
VSBY	15 - 17	1.1	1.9	1.4	.3	.0	.0	.0	.4	.6	.3	1.1	2.6	.8	10
LT 3 MI	18 - 20	1.9	2.5	1.8	.2	.0	.0	.1	.2	.2	.7	.7	2.4	.9	10
	21 - 23	2.3	2.9	.7	.9	.0	.1	.0	.0	.3	.3	.7	2.4	.9	10
	ALL	2.2	2.6	1.3	.7	.0	.0	.1	.3	.3	.4	1.1	3.0	1.0	10
	00 - 02	1.3	1.0	.0	.3	.0	.0	.0	.1	.0	.0	.7	1.1	.4	10
	03 - 05	1.1	.7	.2	.2	.0	.0	.0	.0	.1	.1	.8	1.9	.4	10
CIG	06 - 08	1.1	1.0	.1	.2	.0	.0	.1	.1	.1	.1	.8	1.3	.4	10
LT 1500 FT	09 - 11	1.7	.6	.0	.1	.0	.0	.0	.0	.1	.4	1.0	1.1	.4	10
AND/OR	12 - 14	.6	.0	.4	.0	.0	.1	.0	.1	.5	.2	.6	.7	.3	10
VSBY	15 - 17	.2	.1	.0	.1	.0	.0	.0	.4	.5	.2	.2	.5	.2	10
LT 3 MI	18 - 20	.9	.7	.2	.0	.0	.0	.1	.1	.2	.1	.1	1.4	.3	10
	21 - 23	.7	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	.9	.3	10
	ALL	.9	.7	.1	.1	.0	.0	.0	.1	.2	.2	.5	1.1	.3	10
	00 - 02	1.0	.7	.0	.3	.0	.0	.0	.1	.0	.0	.5	.9	.3	10
	03 - 05	.9	.7	.0	.2	.0	.0	.0	.0	.1	.0	.8	1.8	.4	10
CIG	06 - 08	.9	1.0	.0	.1	.0	.0	.0	.0	.0	.1	.7	1.1	.3	10
LT 1000 FT	09 - 11	.7	.5	.0	.0	.0	.0	.0	.0	.0	.3	.7	1.0	.3	10
AND/OR	12 - 14	.1	.0	.1	.0	.0	.1	.0	.0	.0	.2	.2	.4	.1	10
VSBY	15 - 17	.2	.1	.0	.0	.0	.0	.0	.3	.5	.1	.0	.4	.1	10
LT 2 MI	18 - 20	.8	.5	.1	.0	.0	.0	.1	.1	.2	.0	.1	1.1	.2	10
	21 - 23	.3	.8	.0	.1	.0	.0	.0	.0	.0	.0	.1	.7	.2	10
	ALL	.6	.5	.0	.1	.0	.0	.0	.1	.1	.1	.4	.9	.2	10
	00 - 02	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.1	10
	03 - 05	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	10
CIG	06 - 08	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	10
LT 200 FT	09 - 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10
AND/OR	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
VSBY	15 - 17	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	10
	21 - 23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

A W S	STATION NAME: WILLIAMS AFB AZ	FIELD ELEV: 1383 FT
	LATITUDE/LONGITUDE: 33 19 N 111 39 W	STATION MSC: 722786
CLIMATIC BRIEF	HOURLY OBS POR: APR 81 - MAR 91	CALL SIGN: KIWA
	SUMMARY OF DAY POR: MAR 42-MAR 91	
	HOURS SUMMARIZED: 0400 - 2100 LST	SUPERSEDES: DEC 87
DEC 91	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	84	93	93	101	110	120	116	114	113	103	92	84	120	50
MEAN MAX TEMP (F)	64	68	72	81	90	100	102	100	96	86	73	65	83	50
MEAN TEMP (F)	52	56	60	68	77	86	91	89	84	73	60	53	71	50
MEAN MIN TEMP (F)	39	43	47	55	63	72	80	78	72	60	47	4(	58	50
EXTRM MIN TEMP (F)	17	24	24	34	37	53	64	59	50	34	22	21	17	50
D/W TEMP GE 100 (F)	0	0	0	#	3	16	22	17	9	1	0	0	68	50
D/W TEMP GE 90 (F)	0	#	1	6	19	28	30	30	26	11	1	0	152	50
D/W TEMP LT 40 (F)	16	9	4	1	#	0	0	0	0	1	5	15	51	50
D/W TEMP LT 33 (F)	5	2	1	0	0	0	0	0	0	0	1	4	13	50
HEATING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	49
aaCOOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	49
MEAN DEWPOINT TEMP (F)	33	33	33	34	36	42	57	59	53	45	35	34	41	10
MEAN WET BULB TEMP (F)	44	46	48	53	57	62	70	70	65	58	49	45	56	10
99.95% WCPA (FT)	1600	1650	1700	1700	1700	1700	1650	1650	1650	1650	1600	1650	1750	10
MEAN REL HUM 07 LST(%)	66.7	60.0	54.8	38.9	31.3	26.9	45.1	52.5	51.1	52.7	54.3	64.2	49.6	10
MEAN REL HUM 13 LST(%)	41.2	35.8	30.8	21.7	18.3	17.5	29.2	32.9	30.5	31.1	32.1	41.6	30.1	10
MAX 24HR PRECIP (IN)	1.14	1.88	1.28	1.18	.65	.53	1.75	2.64	1.76	2.24	1.39	2.36	2.64	49
MAX PRECIP (IN)	3.01	3.16	3.52	1.89	.72	.67	2.87	5.05	3.73	3.78	3.26	4.34	17.59	49
MEAN PRECIP (IN)	.82	.79	.91	.36	.11	.09	.74	1.21	.92	.67	.60	.73	7.56	49
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.03	#	.00	.00	.00	.00	2.78	49
D/W PRECIP GE .01 (IN)	4	4	4	2	1	1	5	5	3	3	3	4	39	49
D/W PRECIP GT .50 (IN)	1	1	1	1	#	#	1	1	1	1	1	1	10	49
MAX 24HR SNFL (IN)	0	0	.2	0	0	0	0	0	0	0	0	#	.2	43
MAX SNFL (IN)	0	0	.2	0	0	0	0	0	0	0	0	#	.2	43
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	#	0	43
D/W SNFL GE .1 (IN)	0	0	#	0	0	0	0	0	0	0	0	0	#	43
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	43
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0		0	0		0	43
PRVLNG WND DIR (DEG)	$11-13	$11-13	11-13	11-13	11-13	26-28	26-28	11-13	11-13	$11-13	$08-10	$08	$11-13	10
MEAN WND SPD (KTS)	3	4	4	5	5	5	5	5	5	3	3	3	4	10
MAX WND SPD (KTS)	44	46	46	43	59	74	70	71	64	46	50	51	74	45
SKY COVER GT 5/10 (%)	35.9	42.5	37.7	30.9	21.7	16.1	32.3	29.8	23.4	25.6	27.8	36.0	29.8	10
D/W THUNDERSTORMS	1	1	1	1	1	1	6	5	3	1	1	1	23	49
D/W FOG (VSBY LT 7 MI)	2	1	1	1	0	0	#	1	1	1	1		10	49

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	2.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.8	.5	10
CIG	06 - 08	3.2	1.6	.4	.0	.0	.0	.1	.1	.3	.3	.6	1.8	.7	10
LT 3000 FT	09 - 11	3.0	1.4	.8	.2	.0	.0	.0	.3	.2	.0	.4	3.1	.8	10
AND/OR	12 - 14	1.9	.8	1.3	.0	.0	.0	.1	.3	.2	.3	.4	2.0	.6	10
VSBY	15 - 17	1.3	.1	.6	.1	.3	.0	.4	.6	.0	.7	.4	1.2	.5	10
LT 3 MI	18 - 20	.6	.2	.2	.2	.2	.5	1.1	1.1	.0	.0	.4	.0	.4	10
	21 - 23	.0	.0	.0	.0	.0	.0	.6	1.3	.0	.0	2.3	.0	.3	10
	ALL	2.1	.9	.6	.1	.1	.1	.3	.4	.1	.2	.4	1.8	.6	10
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	10
CIG	06 - 08	2.5	.3	.1	.0	.0	.0	.1	.1	.3	.3	.1	1.1	.4	10
LT 1500 FT	09 - 11	1.9	.4	.2	.1	.0	.0	.0	.3	.2	.0	.2	1.9	.4	10
AND/OR	12 - 14	1.0	.1	.0	.0	.0	.0	.1	.2	.2	.3	.0	.8	.2	10
VSBY	15 - 17	.8	.1	.1	.1	.3	.0	.4	.6	.0	.6	.4	.8	.3	10
LT 3 MI	18 - 20	.2	.2	.0	.2	.2	.5	1.1	1.1	.0	.0	.2	.0	.3	10
	21 - 23	.0	.0	.0	.0	.0	.0	.6	1.3	.0	.0	.0	.0	.2	10
	ALL	1.3	.2	.1	.1	.1	.1	.3	.4	.1	.2	.2	1.0	.3	10
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	10
CIG	06 - 08	1.9	.1	.0	.0	.0	.0	.0	.1	.3	.1	.1	.5	.3	10
LT 1000 FT	09 - 11	1.2	.4	.1	.0	.0	.0	.0	.2	.2	.0	.1	1.2	.3	10
AND/OR	12 - 14	.8	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.6	.1	10
VSBY	15 - 17	.4	.1	.0	.0	.1	.0	.1	.6	.0	.0	.1	.7	.2	10
LT 2 MI	18 - 20	.2	.0	.0	.0	.2	.5	.8	.9	.0	.0	.0	.0	.2	10
	21 - 23	.0	.0	.0	.0	.0	.0	.6	1.3	.0	.0	.0	.0	.2	10
	ALL	1.0	.1	.0	.0	.0	.1	.2	.3	.1	.0	.1	.6	.2	10
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	10
CIG	06 - 08	.6	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	.2	.1	10
LT 200 FT	09 - 11	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	10
AND/OR	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
VSBY	15 - 17	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @@ COOLING DEGREE DAYS CALCULATED USING 75 DEGREES FAHRENHEIT AS BASE TEMPERATURE.

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YUMA, ARIZONA | STATION #: 722800 | ICAO: YUM
LOCATION: 3239N 11436W | ELEVATION (FEET): 207 | LST = GMT -7
PREPARED BY: USAFETAC/ECO, MAY 1989 | PERIOD: 7301-8612

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	82	95	98	112	6	116	115	118	114	109	92	82	118
MEAN DAILY MAX	1	69	74	77	85	94	104	106	105	100	90	77	69	88
MEAN	1	57	61	64	1	79	89	93	92	87	76	64	57	74
MEAN DAILY MIN	1	46	48	52	57	65	74	81	80	75	63	52	46	62
EXTREME MIN	1	27	34	30	42	50	58	66	67	55	48	36	30	27
# DAYS GE 90	1	0	1	2	10	24	30	31	31	28	17	1	0	175
# DAYS LE 32	1	1	0	#	0	0	0	0	0	0	0	0	#	1
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.8	1.8	0.8	1.2	0.4	0.0	1.1	1.3	2.5	2.7	1.7	1.7	*
MEAN	2	0.4	0.2	0.2	0.1	0.0	0.0	0.2	0.3	0.3	0.2	0.2	0.3	2.4
MINIMUM	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*
MAX 24 HR	2	1.6	1.2	0.6	1.1	0.4	0.0	0.5	1.1	2.4	1.6	1.4	0.5	2.4
# DAYS GE 0.004	2	5	4	5	2	1	1	4	4	3	2	3	4	38
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (6 LST)	1	56	52	53	44	42	37	48	52	53	50	47	53	49
RH (16 LST)	1	28	23	22	16	15	12	21	22	22	21	22	28	21
VAPOR PRESS	1	.21	.21	.22	.22	.27	.33	.54	.57	.49	.33	.22	.20	.32
DEWPOINT	1	33	33	35	35	41	45	59	60	56	45	35	32	42
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	N	N	W	W	S	S	S	S	S	$N	N	N	S
MEAN SPEED (PVLG DRCTN)	1	8	8	8	8	7	7	8	8	7	7	8	8	8
MEAN SPEED (ALL OBS)	1	6	6	6	6	7	7	7	6	6	5	5	6	6
MAX PEAK GUST	1	45	44	47	52	40	30	54	40	59	49	36	34	59
PRESSURE ALT	1	470	550	770	640	640	620	560	600	670	550	630	650	770
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	2	2	1	2	2	2	2	2	3	2
DAYS TSTMS	1	6	5	8	3	5	2	34	46	18	10	0	4	141
DAYS FOG LT 7	1	1	1	#	#	0	0	#	0	#	#	1	2	5
DAYS BNBD LT 7	1	1	1	2	1	1	#	2	2	2	2	1	#	15
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73- DEC 88, 3 HOURLY
2. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	#	#	0	#	#	#	1	2	1
03-05 LST	1	1	#	#	0	#	#	#	#	#	1	3	1
06-08 LST	1	1	1	#	#	#	1	1	#	1	2	4	1
09-11 LST	2	1	1	1	1	#	1	1	1	1	2	4	1
12-14 LST	2	1	1	1	#	0	#	1	#	1	1	4	1
15-17 LST	1	1	1	1	#	#	#	1	#	1	1	3	1
18-20 LST	1	2	1	1	#	#	1	1	#	1	1	3	1
21-23 LST	1	2	1	#	#	#	#	#	#	#	1	3	1
ALL HOURS	1	1	1	1	#	#	#	1	#	1	1	3	1

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO.1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	#	#	0	0	#	#	#	1	#
03-05 LST	1	#	#	#	0	#	#	#	0	#	1	2	#
06-08 LST	1	#	#	#	#	#	#	#	#	#	1	3	1
09-11 LST	1	1	#	#	#	#	#	#	#	#	1	2	1
12-14 LST	1	#	1	#	#	0	0	#	#	1	1	2	1
15-17 LST	1	1	1	1	#	#	#	#	#	1	1	1	1
18-20 LST	#	#	1	1	#	#	1	1	#	1	#	1	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	1	#
ALL HOURS	1	#	1	#	#	#	#	#	#	#	1	2	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	#	#	0	0	0	0	#	1	#
03-05 LST	1	#	#	#	0	#	#	#	0	#	1	2	#
06-08 LST	1	#	#	0	#	0	#	#	0	#	1	2	#
09-11 LST	#	#	#	#	#	0	0	#	#	#	1	2	#
12-14 LST	#	#	#	#	#	0	0	#	0	#	1	1	#
15-17 LST	#	#	1	#	#	#	#	#	#	#	1	1	#
18-20 LST	#	#	1	#	#	#	#	#	0	#	#	#	#
21-23 LST	#	#	#	#	0	#	#	0	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	1	1	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	0	0	0	0	0	#	1	#
03-05 LST	#	#	0	#	0	0	0	0	0	0	#	1	#
06-08 LST	#	#	#	0	#	0	#	0	0	#	1	1	#
09-11 LST	#	0	0	0	0	0	0	0	0	0	#	1	#
12-14 LST	#	#	0	0	#	0	0	#	0	0	#	#	#
15-17 LST	#	#	0	0	#	0	0	#	0	0	#	0	#
18-20 LST	0	0	#	0	#	0	#	#	0	0	0	0	#
21-23 LST	0	#	#	0	0	#	0	0	0	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	0	#	#	1	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YUMA, ARIZONA | STATION #: 722800 | ICAO: YUM
LOCATION: 3239N 11436W | ELEVATION (FEET): 207 | LST = GMT -7
PREPARED BY: USAFETAC/ECO, MAY 1989 | PERIOD: 7301-8612

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	0	#	#	#	0	0	#	#
03-05 LST	0	#	0	#	#	0	#	1	#	0	0	#	#
06-08 LST	0	#	0	#	0	0	#	1	#	0	0	0	#
09-11 LST	0	0	0	0	0	#	#	#	1	#	0	0	#
12-14 LST	#	#	#	0	0	#	#	1	#	#	0	0	#
15-17 LST	#	#	#	#	#	#	1	1	#	1	0	#	#
18-20 LST	#	#	#	0	#	0	1	2	1	#	0	#	#
21-23 LST	0	0	#	0	0	0	1	1	#	#	0	0	#
ALL HOURS	#	#	#	#	#	#	1	1	#	#	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	#	#	#	#	#	1	#	1	3	1
03-05 LST	2	2	1	1	#	#	1	1	1	1	#	2	1
06-08 LST	3	2	1	#	#	#	1	2	1	1	1	2	1
09-11 LST	2	2	2	1	#	#	1	1	2	#	1	1	1
12-14 LST	2	2	2	1	#	#	1	2	1	1	1	3	1
15-17 LST	3	3	2	1	1	#	1	1	1	1	1	3	1
18-20 LST	2	2	2	1	#	0	1	2	1	1	1	2	1
21-23 LST	2	1	2	#	#	0	1	1	1	#	1	2	1
ALL HOURS	2	2	2	1	#	#	1	1	1	1	1	2	1

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
15-17 LST	0	0	#	0	0	0	0	0	0	0	0	0	#
18-20 LST	0	0	#	0	0	0	0	0	0	#	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	#	0	0	0	0	0	0	#	#	0	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	1	#	#	#	#	#	#	#	1	#
03-05 LST	#	#	#	#	0	0	1	#	#	#	#	#	#
06-08 LST	1	1	#	#	#	#	#	1	#	#	#	#	#
09-11 LST	1	1	2	1	1	#	#	#	1	1	1	1	1
12-14 LST	2	3	3	2	2	#	#	#	1	2	1	1	1
15-17 LST	1	2	3	3	2	#	#	0	1	1	1	1	1
18-20 LST	1	#	2	3	2	#	1	#	#	#	#	#	1
21-23 LST	0	1	1	1	1	#	1	1	#	#	#	#	#
ALL HOURS	1	1	1	1	1	#	#	#	#	1	1	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, 3 HOURLY

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	#	0	0	0	0	#	1	#
03-05 LST	1	#	#	#	0	#	#	#	0	0	1	2	#
06-08 LST	1	#	#	0	#	0	#	#	0	#	1	2	#
09-11 LST	#	#	0	#	#	0	0	0	#	#	1	2	#
12-14 LST	#	#	#	#	#	0	0	#	0	#	1	1	#
15-17 LST	#	#	#	#	#	#	#	#	#	#	1	#	#
18-20 LST	#	#	#	#	#	#	#	#	0	#	#	#	#
21-23 LST	0	#	#	#	0	#	#	0	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	1	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	#	0	0	0	0	#	1	#
03-05 LST	#	#	#	#	0	#	#	#	0	0	1	1	#
06-08 LST	1	#	#	0	#	0	#	#	0	#	1	2	#
09-11 LST	#	#	0	#	0	0	0	0	#	0	#	1	#
12-14 LST	#	#	#	#	#	0	0	#	0	0	#	1	#
15-17 LST	#	#	#	#	#	#	#	#	0	#	#	#	#
18-20 LST	0	#	#	#	#	#	#	#	0	0	#	#	#
21-23 LST	0	#	#	#	0	#	#	0	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	1	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	#	0	0	0	0	#	1	#
03-05 LST	#	#	0	#	0	0	#	0	0	0	1	1	#
06-08 LST	1	#	#	0	#	0	#	0	0	#	1	2	#
09-11 LST	#	#	0	0	0	0	0	0	#	0	#	1	#
12-14 LST	#	#	0	#	#	0	0	#	0	0	#	#	#
15-17 LST	#	#	#	#	#	0	#	#	0	0	#	#	#
18-20 LST	0	#	#	#	#	0	#	#	0	0	0	#	#
21-23 LST	0	#	#	#	0	#	#	0	#	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	1	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	0	0	0	0	0	#	#	#
03-05 LST	#	#	0	#	0	0	0	0	0	0	#	1	#
06-08 LST	#	#	#	0	#	0	0	0	0	#	1	1	#
09-11 LST	#	0	0	0	0	0	0	0	0	0	#	1	#
12-14 LST	#	#	0	0	#	0	0	0	0	0	#	#	#
15-17 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
18-20 LST	0	0	#	0	#	0	0	#	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	#	#
ALL HOURS	#	#	#	#	#	0	0	#	0	#	#	#	#

A W S CLIMATIC BRIEF October 1987	Station Name: BAKER (BLYTHEVILLE) AFB, AR Latitude/Longitude: N35 58 W089 57 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Sep 42 to Dec 45 Nov 55 to May 58 LST = GMT -6 Dec 59 to Jun 87	Field Elev: 255 ft Station MSC: 723408 Call Sign: KBYH Supersedes: Jul 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	76	80	85	94	95	101	107	102	100	93	85	77	107	33
MEAN MAX TEMP °F	43	48	59	70	79	88	91	88	82	73	59	48	69	33
MEAN TEMP °F	36	41	50	61	70	78	81	79	72	62	50	40	60	33
MEAN MIN TEMP °F	28	32	41	51	60	68	72	69	62	51	41	33	51	33
XTRM MIN TEMP °F	-7	-1	6	30	39	49	52	49	38	27	14	-2	-7	33
D/W TEMP ≥ 95°F	0	0	0	0	#	3	7	4	1	0	0	0	15	33
D/W TEMP ≥ 90°F	0	0	0	#	3	13	19	13	5	#	0	0	53	33
D/W TEMP ≤ 32°F	22	14	7	#	0	0	0	0	0	#	5	16	64	33
D/W TEMP ≤ 20°F	6	3	#	0	0	0	0	0	0	0	#	3	12	33
V. PRESS ("Hg)	.14	.17	.24	.32	.49	.62	.71	.71	.56	.36	.26	.18	.35	10
MEAN DEWPOINT °F	25	31	39	47	58	65	69	69	62	50	41	32	49	10
99.95% WCPA Ft	750	800	900	750	650	500	450	450	500	550	700	800	700	10
MEAN RH 07 LST %	76	78	75	72	76	73	75	81	81	78	78	78	77	10
MEAN RH 13 LST %	65	66	58	54	57	52	53	58	55	53	61	65	58	10
MAX 24HR PRECIP "	4.2	3.3	4.6	5.2	3.2	3.6	3.1	3.4	4.1	4.1	4.4	4.1	5.2	33
MAX PRECIP "	8.9	9.7	13.1	11.2	12.5	9.4	6.3	9.3	10.8	10.1	13.5	11.9	13.5	33
MEAN PRECIP "	3.4	3.8	4.7	5.1	5.4	3.9	3.1	3.3	3.8	2.9	4.4	4.5	48.3	33
MIN PRECIP "	.8	.9	.2	.5	.9	1.1	.5	.8	.2	.0	.8	.4	.0	33
D/W PRECIP ≥ .01"	9	9	11	11	11	8	8	7	7	7	9	10	107	33
D/W PRECIP ≥ .5"	2	2	3	4	4	3	2	2	2	2	3	3	32	33
MAX 24HR SNFL "	8	5	9	#	0@	0	0	0	0	0	3	7	9	33
MAX SNFL "	16	12	14	#	0	0	0	0	0	0	6	8	16	33
MEAN SNFL "	4	3	2	#	0	0	0	0	0	0	#	1	10	33
D/W SNFL ≥ 0.1"	3	2	1	#	0	0	0	0	0	0	#	1	[illegible]	33
D/W SNFL ≥ 1.5"	1	1	#	0	0	0	0	0	0	0	#	#	[illegible]	33
MEAN WND DRCTN	N	N	S	S	S	S	$SSW	S	$N	$S	N	N	S	10
MEAN WND SPD Kts	7	7	8	7	6	5	5	5	5	5	7	7	6	10
MAX WND SPD** Kts	50	59	76	71	53	53	50@	42	47	40	52	66	76	28
MEAN CLD CVR 10th	6	7	6	6	6	6	5	5	5	5	6	6	6	10
D/W TSTORMS	2	2	4	7	9	9	9	7	4	2	3	1	59	33
D/W FOG VSBY <7mi	14	14	13	10	12	12	14	18	17	15	13	14	166	33

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure alt: e
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available
$ = Percentage of calm winds ≥ mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/0	0/1	0/1	0/0	0/0	0/2
Within 240NM	0/3	0/0	2/6	0/5	0/1	0/1	2/16

A W S CLIMATIC BRIEF October 1987	Station Name: EAKER (BLYTHEVILLE) AFB, AR Latitude/Longitude: N35 58 W089 57 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Sep 42 to Dec 45 Nov 55 to May 58 LST = GMT -6 Dec 59 to Jun 87	Field Elev: 255 ft Station MSC: 723408 Call Sign: KBYH Supersedes: Jul 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	28	26	16	10	11	2	3	3	7	13	25	24	14	
	03-05	28	28	19	14	7	7	9	11	14	16	29	30	18	
CIG/VSBY	06-08	30	33	26	15	11	11	15	21	23	22	32	31	23	
	09-11	29	33	25	16	7	7	8	9	14	17	31	31	20	
LESS THAN	12-14	28	34	22	14	6	6	5	6	8	14	30	29	17	
	15-17	29	28	21	10	3	3	2	3	6	12	27	25	15	
3000/3	18-20	26	24	17	8	1	1	1	3	5	10	25	23	13	
	21-23	26	26	16	8	1	1	1	2	5	11	23	24	13	
	00-24	28	29	20	12	5	5	6	7	10	14	28	27	17	10
	00-02	17	16	7	5	1	1	2	3	5	8	18	16	9	
	03-05	18	20	9	8	5	5	7	9	10	11	21	20	12	
CIG/VSBY	06-08	19	23	15	9	9	9	12	20	20	17	24	22	17	
	09-11	20	22	13	7	4	4	5	7	11	12	23	20	13	
LESS THAN	12-14	19	20	11	6	3	3	2	3	4	9	19	17	10	
	15-17	19	17	8	3	1	1	1	2	3	5	17	16	8	
1500/3	18-20	16	15	6	3	#	#	1	2	3	5	17	14	7	
	21-23	16	14	6	4	1	1	1	2	3	5	16	15	7	
	00-24	18	18	9	6	3	3	4	6	7	9	19	18	10	10
	00-02	15	11	5	3	1	1	#	1	2	6	12	12	6	
	03-05	14	15	6	4	3	3	3	4	6	8	15	15	8	
CIG/VSBY	06-08	14	18	9	5	4	4	5	9	12	12	17	17	11	
	09-11	15	15	8	3	1	1	2	3	5	8	14	15	8	
LESS THAN	12-14	16	12	5	3	1	1	#	1	2	4	11	13	6	
	15-17	16	11	5	2	#	#	#	1	1	3	11	12	5	
1000/2	18-20	14	9	5	2	0	0	#	1	#	4	10	12	5	
	21-23	14	10	5	2	#	#	0	#	1	4	10	11	5	
	00-24	15	13	6	3	1	1	1	3	4	6	13	13	7	10
	00-02	4	3	1	0	0	0	0	#	#	1	2	1	1	
	03-05	4	2	2	#	0	0	0	1	1	2	2	3	1	
CIG/VSBY	06-08	4	3	1	#	#	#	0	#	1	1	2	3	1	
	09-11	2	1	1	#	0	0	#	0	#	#	2	1	1	
LESS THAN	12-14	3	#	#	0	#	#	0	0	0	0	#	1	#	
	15-17	2	#	1	0	0	0	0	0	0	#	#	1	#	
200/½	18-20	3	1	1	0	0	0	#	0	0	#	1	1	1	
	21-23	3	1	#	0	0	0	0	0	0	#	#	1	#	
	00-24	3	1	1	#	#	#	#	#	#	1	1	2	1	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FT SMITH, AR
LOCATION: 35°20'N, 94°22'W
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 723440
ELEVATION (FEET): 469
PERIOD: VARIED

ICAO ID: FSM
LST = GMT -6

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	75	81	94	88	105	101	106	104	100	94	85	77	106
MEAN DLY MAX	1	46	54	64	73	80	87	92	92	84	75	62	52	72
MEAN	1	34	40	51	60	68	76	81	80	72	61	50	40	60
MEAN DLY MIN	1	26	31	41	49	58	66	71	70	62	50	41	31	50
EXTREME MIN	1	-7	-4	12	23	39	48	56	54	37	27	9	0	-7
# DAYS ≥ 90	1	0	0	#	0	2	11	24	22	10	2	0	0	71
# DAYS ≤ 32	1	23	16	6	1	0	0	0	0	0	1	7	17	71
# DAYS ≤ 0	1	#	#	0	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	2.9	3.0	3.1	4.5	5.1	4.3	2.6	2.6	3.7	3.6	3.0	3.1	41.6
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	5.4	5.6	3.8	5.0	5.8	8.6	4.3	5.1	4.3	5.9	4.2	6.4	8.6
# DAYS >0.01	2	8	8	9	10	11	9	8	8	7	7	7	8	100
# DAYS ≥0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	3	2.7	2.3	0.5	#	#	0	0	0	0	#	0.1	0.6	6.1
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >0.1	1	6	4	1	#	0	0	0	0	0	0	1	2	14
# DAYS ≥1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	80	80	78	82	87	88	89	88	88	86	83	81	84
RH (15 LST)	1	54	51	48	45	53	53	48	47	48	44	48	52	49
VAPOR PRESS	1	.15	.18	.25	.34	.49	.63	.71	.67	.56	.38	.26	.49	.40
DEWPOINT	1	25	30	38	46	57	65	68	67	61	49	39	30	48
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED (PVLG DRCTN)	1	8	8	9	8	7	6	6	6	6	6	7	8	8
MEAN SPEED (ALL OBS)	1	7	7	8	8	6	5	5	5	5	6	7	7	7
MAX (PK GST)	1	35	41	49	66	50	40	40	48	40	39	52	38	66
PRESSURE ALT	1	1100	1150	1100	1100	1150	800	600	600	800	850	950	950	1150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	5	4	3	4	4	4	4	5	4
DAYS TSTMS	1	1	2	7	7	10	9	8	8	5	4	3	2	66
DAYS FOG <7	1	9	9	7	5	9	6	6	9	9	9	7	7	92
DAYS BNBD <7	1	0	#	0	0	#	0	0	0	0	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE $ = % CALM > PVLG DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
2. TERMINAL FORECASTING REFERENCE MANUAL FOR FT SMITH, DEC 56, POR 1921-1950
3. UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS 1953-1963

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	21	18	11	10	4	2	3	9	10	17	22	13
03-05 LST	29	27	23	14	16	9	4	6	14	14	21	25	17
06-08 LST	33	33	30	19	19	12	9	15	23	22	27	30	23
09-11 LST	31	31	27	15	17	10	7	5	17	18	26	30	20
12-14 LST	27	25	20	13	14	6	4	2	11	13	19	26	15
15-17 LST	22	21	17	9	9	2	1	1	7	9	15	22	11
18-20 LST	20	19	14	9	8	2	1	1	6	7	13	21	10
21-23 LST	23	18	14	9	8	3	2	2	6	8	14	20	10
ALL HOURS	26	24	20	12	13	6	4	4	12	17	22	25	15

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	10	9	5	5	2	1	2	5	5	8	12	7
03-05 LST	18	13	11	7	10	5	3	5	9	8	11	11	9
06-08 LST	20	17	14	9	12	8	7	13	18	15	14	16	14
09-11 LST	20	17	12	5	17	3	3	2	9	10	12	16	9
12-14 LST	15	12	8	4	3	1	2	#	4	4	8	13	6
15-17 LST	11	8	6	3	4	2	1	#	3	4	6	11	5
18-20 LST	11	8	5	4	4	2	1	#	2	3	5	11	5
21-23 LST	12	7	6	3	4	1	1	#	3	4	7	11	5
ALL HOURS	15	12	9	5	6	3	2	3	7	8	12	13	7

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	5	3	3	1	1	1	4	4	6	8	4
03-05 LST	12	10	8	5	6	3	2	2	6	5	8	9	6
06-08 LST	15	12	9	5	7	5	3	6	11	11	9	10	8
09-11 LST	15	11	7	2	7	1	1	1	5	7	9	11	6
12-14 LST	11	6	5	1	1	1	1	#	2	2	5	9	4
15-17 LST	8	5	4	1	1	1	1	#	1	2	3	9	3
18-20 LST	8	5	3	2	2	1	1	#	1	2	3	7	3
21-23 LST	8	4	4	1	2	1	1	#	2	3	4	6	3
ALL HOURS	11	7	6	3	3	2	1	1	4	6	8	9	5

10. % FREQ OF CIG/VIS <200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	1	0	#	0	0	0	#	1	1	1	1
03-05 LST	3	2	1	#	2	1	#	#	2	2	1	2	1
06-08 LST	5	4	2	1	2	1	1	1	3	5	3	1	2
09-11 LST	3	2	1	0	0	0	0	0	#	1	1	1	1
12-14 LST		0	0	0	0	0	0	0	0	0	0	1	#
15-17 LST	1	0	#	0	0	0	0	0	0	0	0	1	#
18-20 LST	1	0	#	0	0	0	0	#	0	#	0	1	#
21-23 LST	1	0	1	0	0	#	0	0	0	#	#	1	#
ALL HOURS	2	1	1	#	#	#	#	#	1	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: FT SMITH, AR | STATION #: 723440 | ICAO ID: FSM
LOCATION: 35°20'N, 94°22'W | ELEVATION (FEET): 469 | LST - GMT -6
PREPARED BY USAFETAC/ECR DEC 1985 | PERIOD: VARIED

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	2	3	4	3	1	2	1	1	1	#	2
03-05 LST	#	1	1	2	3	3	2	1	1	2	1	1	2
06-08 LST	#	1	1	1	2	2	2	1	1	2	1	1	1
09-11 LST	#	1	2	1	3	2	1	1	1	1	1	#	1
12-14 LST	#	#	2	1	2	2	2	1	1	1	1	#	1
15-17 LST	#	#	1	1	4	2	3	3	2	1	1	1	2
18-20 LST	#	#	2	3	4	4	3	3	1	2	1	1	2
21-23 LST	#	1	2	3	4	3	2	3	1	1	1	1	2
ALL HOURS	#	#	2	2	3	2	2	2	1	1	1	1	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	8	6	7	4	2	3	6	5	7	6	5
03-05 LST	4	4	6	5	8	5	3	3	8	7	8	6	6
06-08 LST	5	4	6	6	8	6	4	5	8	7	7	8	6
09-11 LST	4	4	8	8	9	5	3	4	7	7	7	7	6
12-14 LST	4	6	8	6	7	5	3	3	5	6	7	7	6
15-17 LST	5	4	6	6	8	4	3	3	6	6	7	8	6
18-20 LST	6	5	7	7	9	5	3	3	5	5	7	7	5
21-23 LST	5	7	9	7	8	3	2	3	6	5	8	6	6
ALL HOURS	5	5	7	6	8	5	3	3	6	6	7	7	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	1	0	0	0	0	0	0	0	1	1	1
03-05 LST	5	3	1	0	0	0	0	0	0	0	1	1	1
06-08 LST	4	4	1	#	0	0	0	0	0	0	1	1	1
09-11 LST	4	4	1	0	0	0	0	0	0	0	1	2	1
12-14 LST	4	3	1	#	0	0	0	0	0	0	1	2	1
15-17 LST	3	2	1	0	0	0	0	0	0	0	1	2	1
18-20 LST	4	3	#	0	0	0	0	0	0	0	#	2	1
21-23 LST	4	3	1	0	0	0	0	0	0	0	1	2	1
ALL HOURS	4	3	1	#	0	0	0	0	0	0	1	1	1

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	#	#	#	0	1	1	#	1
03-05 LST	#	1	1	1	1	#	#	0	#	#	1	1	1
06-08 LST	1	#	1	1	1	0	0	0	#	0	1	#	#
09-11 LST	1	2	2	3	1	#	0	0	#	1	2	1	1
12-14 LST	2	3	4	5	1	#	1	#	1	1	3	2	2
15-17 LST	1	4	6	5	2	#	1	1	1	#	2	1	2
18-20 LST	1	1	1	2	1	#	#	#	#	#	1	1	1
21-23 LST	1	1	1	3	1	1	#	1	#	#	1	#	1
ALL HOURS	1	2	2	3	1	#	#	#	#	#	1	1	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
2.
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	5	4	3	2	1	#	1	3	3	6	8	4
03-05 LST	11	9	7	4	5	3	1	2	6	5	7	9	6
06-08 LST	14	11	8	5	6	4	3	6	11	10	8	9	8
09-11 LST	14	9	5	1	4	1	1	1	4	6	7	10	5
12-14 LST	9	5	3	1	1	1	1	#	2	2	4	9	3
15-17 LST	7	4	3	1	1	1	#	#	1	2	3	8	3
18-20 LST	7	4	3	2	1	1	#	#	1	2	3	7	3
21-23 LST	7	4	3	1	2	1	#	#	2	2	4	5	3
ALL HOURS	10	6	5	2	3	1	1	1	4	5	8	8	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	3	2	1	1	#	#	1	2	3	4	5	2
03-05 LST	8	6	5	2	4	2	1	2	4	4	4	6	4
06-08 LST	11	8	5	2	3	3	2	3	8	9	6	7	6
09-11 LST	11	6	1	1	3	1	1	#	2	4	4	7	3
12-14 LST	7	3	1	#	0	0	#	#	1	1	1	5	2
15-17 LST	4	2	1	1	#	#	#	#	#	1	2	5	1
18-20 LST	4	2	1	#	#	#	#	#	#	1	2	5	1
21-23 LST	5	3	1	0	1	#	#	#	1	1	2	4	1
ALL HOURS	7	4	2	1	1	1	#	1	2	4	5	5	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	1	1	#	1	#	0	#	1	2	1	3	1
03-05 LST	5	4	2	1	2	1	#	#	3	3	2	3	2
06-08 LST	7	6	3	1	2	1	1	2	5	6	4	4	3
09-11 LST	7	4	1	0	#	#	#	0	#	2	2	2	2
12-14 LST	3	1	#	0	0	0	0	0	#	0	0	1	#
15-17 LST	2	1	1	0	#	#	#	0	#	#	#	1	#
18-20 LST	2	1	1	0	0	#	0	#	0	#	#	2	1
21-23 LST	3	1	1	0	0	#	0	0	#	#	1	2	1
ALL HOURS	4	2	1	#	1	#	#	#	1	3	3	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	#	0	#	0	0	0	#	#	1	1	#
03-05 LST	1	1	1	#	1	#	0	0	1	1	1	1	1
06-08 LST	3	2	2	#	1	0	#	1	2	3	2	1	1
09-11 LST	2	1	1	0	0	0	0	0	0	1	1	#	#
12-14 LST	1	0	0	0	0	0	0	0	0	0	0	#	#
15-17 LST	#	0	#	0	0	0	0	0	0	0	0	#	0
18-20 LST	#	0	#	0	0	0	0	0	0	0	0	#	#
21-23 LST	1	0	#	0	0	#	0	0	0	0	0	#	#
ALL HOURS	1	1	1	0	#	#	#	#	#	1	1	1	#

PREPARED BY: USAFETAC
MAY 1985

STATION NAME : LITTLE ROCK AFB AR
LOCATION : N34 55 W092 09

PERIOD: MAR 56-NOV 84
ELEV : 311 FT

STN LTRS: KLRF
WBAN NO: 723405

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG SPEED (%)	SPEED MEAN (KT)	SPEED MAX (KT) 00	CLEAR (0-3)	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER STORMS	FOG VSBY ≤ 7/16	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 32	MIN ≤ 25
JAN	47	29	39	80	-3	3.8	11.5	.4	4.8	2	12	11	77	58	.14	26	800	W	5	46	6	9	2	2	0	2	1	0	0	26	10
FEB	52	33	43	82	8	3.3	9.9	.9	3.5	2	13	9	78	57	.17	31	850	N	5	53	6	.8	2	1	1	3	1	0	0	14	5
MAR	61	42	52	92	16	5.0	9.6	1.0	3.7	1	4	5	76	59	.29	39	950	S	6	53	7	10	3	0	0	5	1	0	0	3	1
APR	72	52	62	91	31	5.7	14.4	1.1	6.4	0	0	0	77	52	.34	48	800	S	6	66	6	11	4	0	0	7	0	0	0	0	0
MAY	80	60	70	97	40	5.5	13.5	.7	4.2	0	0	0	82	58	.50	59	700	S	4	66	6	10	3	0	0	6	12	0	2	0	0
JUN	87	68	78	102	47	3.9	8.9	.2	4.6	0	0	0	82	58	.67	67	550	S	4	88	6	8	2	0	0	8	12	3	12	0	0
JUL	91	72	82	111	55	3.2	6.8	.6	4.0	0	0	0	83	56	.76	71	500	S	3	62	5	8	2	0	0	9	13	9	21	0	0
AUG	90	70	81	110	55	3.4	9.0	.1	4.5	0	0	0	81	54	.71	69	450	S	3	51	5	7	2	0	0	7	14	6	18	0	0
SEP	83	64	74	107	40	4.4	9.8	.3	4.6	0	0	0	83	59	.56	62	600	S	3	45	5	7	3	0	0	6	15	2	7	0	0
OCT	74	52	63	94	29	3.6	14.7	.8	3.2	0	0	0	80	50	.36	50	650	S	3	46	5	6	2	0	0	5	12	0	1	0	0
NOV	61	41	52	84	15	5.1	11.1	1.1	5.3	1	7	5	79	55	.25	40	750	N	4	64	6	8	3	0	0	3	12	0	0	0	1
DEC	51	34	43	78	-1	4.7	10.2	1.1	3.7	1	8	8	78	59	.17	31	850	N	5	57	6	9	3	1	0	2	12	0	0	1	5
ANN	71	51	62	111	-3	51.6	14.7	8	6.4	3	13	11	80	55	.36	50	750	S	4	88	6	101	31	4	1	61	147	20	61	68	22
YRS	29	29	29	29	29	29	29	29	29	29	29	29	10	10	10	10	10	10	10	26	10	29	29	29	29	29	29	29	29	29	29

REMARKS: MISSING FOR:
Hourly Obs: DEC 74 - NOV 84
Summary of Day Data: MAR 56 - NOV 84

NUMBER OBSERVED WITHIN: (1900-1982)

	A/B	JUN	JUL	AUG	SEP	OCT	ANN
	60NM	0/0	0/0	0/0	0/1	0/0	0/1
(A) Hurricanes	120NM	0/1	0/0	0/1	0/2	0/0	0/4
(B) Tropical Storms	240NM	0/4	0/2	1/4	0/9	0/2	1/21

NOTE: * DATA NOT AVAILABLE # ABYE < DRYB BRIGHT IN HEADING ** CENTURY AVERAGE PEAK WINDS § % CALM OBTS % PLVL OBSTR ‡ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	24	24	18	15	16	8	5	6	10	14	21	22	15	
	03-05	29	27	23	20	24	17	11	17	19	18	26	27	22	
	06-08	29	32	30	25	28	22	18	26	29	25	30	31	27	
	09-11	27	33	30	23	23	17	12	15	17	21	28	31	23	
	12-14	24	29	23	16	16	7	6	6	11	17	23	28	17	
	15-17	23	23	18	12	11	5	3	2	7	11	17	23	13	
	18-20	22	21	15	10	10	3	3	3	6	9	17	21	12	
	21-23	24	20	17	11	12	4	3	3	7	11	19	21	13	
	ALL HRS	25	26	22	17	18	10	8	10	13	16	23	26	18	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	15	16	11	8	10	6	3	5	8	9	14	15	10	
	03-05	18	18	14	12	17	13	9	15	16	13	16	17	15	
	06-08	21	20	17	16	20	15	14	25	25	19	21	20	19	
	09-11	20	22	16	12	13	8	6	9	11	14	18	21	14	
	12-14	15	15	10	7	6	3	2	3	4	8	13	17	9	
	15-17	14	14	9	6	4	2	1	2	3	4	12	13	7	
	18-20	15	13	9	6	5	1	1	2	3	4	12	14	7	
	21-23	16	13	10	7	7	2	2	2	5	7	12	14	8	
	ALL HRS	17	16	12	9	10	6	5	8	9	10	15	16	11	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	12	12	8	5	6	3	1	2	6	7	11	12	7	
	03-05	13	15	11	8	11	8	5	8	10	10	13	13	10	
	06-08	17	15	12	12	12	9	7	12	14	12	15	16	13	
	09-11	17	14	10	7	8	4	2	3	6	10	13	16	9	
	12-14	13	9	6	5	2	2	1	1	3	5	10	13	6	
	15-17	12	8	5	4	2	1	1	1	2	2	9	12	5	
	18-20	11	8	5	4	3	0	1	1	2	3	9	12	5	
	21-23	12	8	7	5	4	1	1	1	4	5	9	11	6	
	ALL HRS	13	11	8	6	6	4	2	4	6	7	11	13	8	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	2	2	1	0	0	0	0	1	2	2	3	1	
	03-05	4	4	2	2	1	1	1	1	2	3	3	4	2	
	06-08	3	3	3	0	1	1	1	1	1	3	3	3	2	
	09-11	3	1	1	0	0	0	0	0	0	1	1	2	1	
	12-14	2	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	2	0	0	0	0	0	0	0	0	0	0	1	0	
	18-20	2	0	0	0	0	0	0	0	0	0	1	2	0	
	21-23	3	1	0	0	0	0	0	0	0	1	2	1	1	
	ALL HRS	3	1	1	0	0	0	0	0	1	1	2	2	1	10

PREPARED BY: USAFETAC
FEBRUARY 1986

STATION NAME : BEALE AFB CA
LOCATION : N39 08 W121 26

PERIOD: JUL 59-NOV 85
ELEV : 113 FT

RUAB
STN LTRS:
WBAN NO: 724837

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	52	38	46	77	22	4.2	9.5	.4	2.9	8	1	1
FEB	60	42	51	80	27	3.4	10.3	.2	3.5	8	8	8
MAR	63	44	54	95	26	3.1	6.9	.3	2.5	8	8	8
APR	70	47	59	90	34	1.8	5.9	8	2.2	0	0	0
MAY	80	53	67	102	38	.4	1.3	.0	1.1	0	0	0
JUN	89	63	76	111	46	.2	1.4	.0	.7	0	0	0
JUL	95	63	79	113	50	.1	1.9	.0	1.8	0	0	0
AUG	92	62	77	112	49	.1	1.0	.0	1.0	0	0	0
SEP	87	59	73	106	42	.4	2.3	.0	2.0	0	0	0
OCT	76	51	64	101	35	1.5	11.0	.0	5.5	0	0	0
NOV	68	44	56	86	27	4.1	8.9	8	3.2	8	8	8
DEC	53	39	46	75	20	3.2	7.8	.4	2.2	8	2	2
ANN	73	50	62	113	20	22.5	11.0	.0	5.5	8	2	2
YRS	26	26	26	26	26	26	26	26	26	26	26	26

MONTH	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (ET) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	POR VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 95	MIN ≤ 32	MIN ≤ 0
JAN	88	75	.25	60	500	SSE	4	51	7	10	3	8	0	8	20	0	0	7	19
FEB	83	63	.28	43	550	SSE	5	54	7	9	2	0	0	1	11	0	0	1	9
MAR	80	57	.28	43	550	SSE	5	44	6	9	2	0	0	1	6	0	0	1	6
APR	72	47	.29	44	400	SSE	5	46	5	6	1	0	0	1	2	0	0	0	2
MAY	64	37	.31	46	450	S	5	37	4	3	8	0	0	1	1	8	2	0	8
JUN	57	32	.35	49	450	S	5	36	3	1	8	0	0	1	1	4	8	0	0
JUL	55	32	.39	52	450	S	4	28	2	8	8	0	0	8	8	7	17	0	0
AUG	61	35	.39	52	450	S	4	30	3	1	8	0	0	1	8	4	12	0	0
SEP	64	37	.36	50	450	S	4	42	3	2	8	0	0	8	1	2	5	0	0
OCT	71	42	.31	46	400	S	3	46	4	4	1	0	0	1	4	8	1	0	1
NOV	81	61	.28	43	500	SSE	4	56	6	8	3	0	0	1	13	0	0	1	8
DEC	84	68	.25	40	500	SNW	4	58	6	9	2	8	8	8	20	0	0	6	17
ANN	72	49	.31	46	550	S	4	58	5	62	16	8	8	8	79	17	45	16	62
YRS	10	10	10	10	10	10	10	25	10	26	26	26	26	26	26	26	26	26	26

REMARKS:

RUSSNO POR:
HOURLY OBS: DEC 75 - NOV 85
SUMMARY OF DAY DATA: JUL 59 - NOV 85

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM DRTN % PLVG. DRCTN 2 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	34	9	3	2	8	0	0	8	8	2	13	29	8	
	03-05	42	10	4	3	1	0	0	8	1	2	15	29	9	
	06-08	44	12	9	3	2	1	8	2	2	3	19	31	11	
	09-11	43	12	10	6	2	8	0	2	2	4	19	32	11	
	12-14	35	10	7	4	1	0	0	8	1	2	15	26	8	
	15-17	29	7	5	2	1	0	0	8	8	2	12	22	7	
	18-20	30	7	4	1	8	0	0	8	0	1	12	23	7	
	21-23	33	7	2	1	8	0	0	8	8	1	12	27	7	
	ALL HRS	36	9	6	3	1	8	8	1	1	2	15	27	8	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	31	6	1	8	0	0	0	8	8	1	10	25	6	
	03-05	38	6	3	1	0	0	0	8	8	1	11	26	7	
	06-08	40	8	5	2	8	8	0	8	1	2	16	28	9	
	09-11	40	8	5	2	1	8	0	8	1	2	16	28	9	
	12-14	31	6	3	1	8	0	0	8	8	1	11	22	6	
	15-17	25	4	1	8	0	0	0	0	8	2	10	19	5	
	18-20	26	5	1	8	0	0	0	0	0	1	9	20	5	
	21-23	29	5	1	8	0	0	0	0	0	8	10	24	6	
	ALL HRS	33	6	3	1	8	8	0	8	8	1	12	24	7	10
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	27	3	8	0	0	0	0	8	8	8	7	22	5	
	03-05	31	3	2	0	0	0	0	8	0	8	9	22	6	
	06-08	35	6	3	1	8	8	0	8	1	1	13	24	7	
	09-11	32	5	2	1	8	0	0	8	1	1	12	22	6	
	12-14	25	3	1	8	0	0	0	8	8	1	7	15	4	
	15-17	20	2	1	0	0	0	0	0	8	8	5	13	3	
	18-20	20	2	1	0	0	0	0	0	0	8	6	15	4	
	21-23	23	3	1	0	0	0	0	0	0	8	7	20	5	
	ALL HRS	27	3	1	8	8	8	0	8	8	8	8	19	5	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	14	1	0	0	0	0	0	0	0	0	3	9	2	
	03-05	17	2	1	0	0	0	0	0	0	8	3	11	3	
	06-08	18	3	1	0	0	0	0	0	0	8	3	11	3	
	09-11	14	1		0	0	0	0	0	0	8	1	6	2	
	12-14	2		0	0	0	0	0	0	0	0	0	1	0	
	15-17	1	0	0	0	0	0	0	0	0	0	0	2	0	
	18-20	5	8	0	0	0	0	0	0	0	0	1	5	1	
	21-23	9	8	0	0	0	0	0	0	0	8	2	7	2	
	ALL HRS	10	1	8	0	0	0	0	0	0	8	2	7	2	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAMPO (AWRS) CA — STATION #: 747186 — ICAO: MCZZ
LOCATION: 3237N 11628W — ELEVATION (FEET): 2631 — LST = GMT -8
PREPARED BY: USAFETAC/ECO, JUN 1990 — PERIOD: 7301-8812

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	81	85	86	90	100	103	102	103	104	99	89	87	104
MEAN DAILY MAX	1	59	62	62	68	75	84	90	89	84	76	66	60	73
MEAN	1	52	55	55	61	66	75	81	80	75	68	59	53	65
MEAN DAILY MIN	1	40	40	42	46	49	54	59	58	54	49	43	39	48
EXTREME MIN	1	20	22	22	27	31	38	39	39	35	29	19	18	18
# DAYS GE 90	1	0	0	0	#	2	10	18	18	10	2	0	0	60
# DAYS LE 32	1	5	5	2	#	#	0	0	0	0	#	2	6	21
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	72	75	80	76	81	70	71	74	77	75	70	71	74
RH (15 LST)	1	47	46	51	43	43	35	35	37	41	41	53	54	41
VAPOR PRESS	1	.21	.21	.24	.26	.31	.33	.40	.41	.38	.29	.22	.20	.29
DEWPOINT	1	33	34	38	39	44	46	51	52	49	42	35	32	41
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	ENE	ENE	SW	SW	SW	SW	SW	SW	SW	SW	SW	ENE	SW
MEAN SPEED (PVLG DRCTN)	1	12	13	10	11	11	11	11	11	10	10	9	12	11
MEAN SPEED (ALL OBS)	1	9	9	9	9	9	8	8	7	8	8	8	8	8
MAX PEAK GUST	1	45	50	30	40	30	30	25	25	37	50	45	40	50
PRESSURE ALT	1	2700	2660	2680	2630	2640	2640	2630	2640	2630	2620	2480	2550	2700
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	2	2	1	1	1	1	2	2	2	2
DAYS TSTMS	1	0	0	#	0	#	#	3	3	1	#	#	#	8
DAYS FOG LT 7	1	7	6	10	8	7	3	1	2	3	5	5	5	63
DAYS BNBD LT 7	1	#	#	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	18	18	32	28	21	9	2	5	10	14	16	13	15
09-11 LST	15	15	16	10	8	1	#	1	4	6	10	11	8
12-14 LST	11	11	15	6	4	1	1	2	2	3	7	10	6
15-17 LST	14	12	16	6	8	2	1	2	4	6	8	10	7
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	6	*

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	15	16	27	22	16	6	2	4	8	11	12	11	13
09-11 LST	11	11	11	6	4	1	0	1	1	4	6	7	5
12-14 LST	6	7	10	4	2	1	#	1	1	2	5	6	4
15-17 LST	10	10	9	4	5	1	#	2	1	3	5	7	5
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	13	15	24	19	14	5	2	4	7	10	12	10	11
09-11 LST	10	9	10	5	3	1	0	#	1	3	6	7	5
12-14 LST	4	6	9	3	2	#	#	1	#	1	5	5	3
15-17 LST	8	9	8	3	4	1	#	1	1	3	4	6	4
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	4	5	6	5	4	2	1	2	3	4	4	3	3
09-11 LST	2	2	2	#	#	0	0	0	#	1	1	1	1
12-14 LST	2	2	1	1	#	0	0	0	0	#	1	0	1
15-17 LST	2	1	1	#	1	#	0	#	#	#	1	1	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 1973 - DEC 1988
2. NATIONAL INTELLIGENCE SURVEY, MEXICO, NIS 70

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAMPO (AWRS) CA | STATION #: 747186 | ICAO: MCZZ
LOCATION: 3237N 11628W | ELEVATION (FEET): 2631 | LST = GMT -8
PREPARED BY: USAFETAC/ECO, JUN 1990 | PERIOD: 7301-8812

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11. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	0	0	0	0	0	#	0	#	#	0	0	0	#
09-11 LST	0	0	#	0	0	0	#	1	#	0	#	0	#
12-14 LST	0	0	0	0	#	0	6	6	2	#	0	0	1
15-17 LST	0	0	#	0	0	0	2	2	1	#	#	#	#
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

12. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	6	5	8	4	2	#	0	1	1	2	5	4	3
09-11 LST	6	6	5	2	1	0	0	#	1	2	3	4	2
12-14 LST	4	3	6	1	1	#	1	2	1	1	4	4	2
15-17 LST	5	6	6	2	1	0	1	1	2	2	3	3	3
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

13. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	#	0	#	0	0	0	0	0	0	0	0	#	#
09-11 LST	#	#	#	0	0	0	0	0	0	0	#	#	#
12-14 LST	#	0	#	0	0	0	0	0	0	0	0	#	#
15-17 LST	#	#	#	#	0	0	0	0	0	0	#	#	#
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

14. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	2	1	1	#	1	1	0	#	#	1	#	1	1
09-11 LST	5	3	3	2	1	1	0	0	1	4	3	3	2
12-14 LST	5	4	3	2	1	1	#	#	#	1	3	6	2
15-17 LST	3	2	1	#	1	0	#	0	1	1	2	2	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

15. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	10	11	16	12	8	4	1	3	6	8	10	7	8
09-11 LST	7	6	6	2	2	0	0	#	1	2	4	4	3
12-14 LST	3	4	7	2	1	0	#	#	#	1	4	4	2
15-17 LST	5	5	6	2	3	1	#	1	1	1	3	4	3
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

16. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	9	10	14	11	7	4	1	3	6	8	9	5	7
09-11 LST	6	6	5	2	2	0	0	#	1	2	4	4	3
12-14 LST	3	4	6	2	1	0	#	#	#	1	3	2	2
15-17 LST	5	5	5	1	2	1	#	1	1	1	3	3	2
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	0
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

17. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	6	7	10	7	5	3	1	2	4	5	5	4	5
09-11 LST	4	3	3	1	1	0	0	0	1	1	2	2	2
12-14 LST	2	2	4	2	#	0	0	0	#	#	2	1	1
15-17 LST	3	4	2	1	1	#	0	#	1	1	2	2	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

18. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	3	4	6	5	3	2	1	2	3	4	3	2	3
09-11 LST	2	2	2	#	#	0	0	0	#	1	1	#	1
12-14 LST	1	1	1	#	#	0	0	0	0	#	0	0	#
15-17 LST	1	1	1	#	1	#	0	#	#	#	#	1	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 1973 - DEC 1988
2. NATIONAL INTELLIGENCE SURVEY, MEXICO, NIS 70

PREPARED BY: USAFETAC
APRIL 1986

STATION NAME: CASTLE AFB CA
LOCATION: N37 22 W120 34

PERIOD: FEB 42-FEB 86 B
ELEV: 197 FT

WBAN LOCN:
WMO NO: 724810

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	53	38	45	75	20	2.4	8.1	.0	2.2	0	1	1
FEB	59	41	50	77	25	2.0	5.7	.4	1.7	0	0	0
MAR	64	43	54	86	27	1.9	6.9	.1	1.7	0	0	0
APR	72	47	59	97	33	1.3	4.0	.0	1.5	0	0	0
MAY	80	53	67	106	37	.3	1.7	.0	1.0	0	0	0
JUN	88	58	73	112	43	.1	.5	.0	.5	0	0	0
JUL	95	63	79	111	50	0	.6	.0	.6	0	0	0
AUG	92	62	77	107	50	0	.5	.0	.5	0	0	0
SEP	88	59	73	106	42	.2	1.6	.0	1.3	0	0	0
OCT	78	51	65	99	32	.6	2.3	.0	1.8	0	0	0
NOV	68	43	56	89	28	1.5	4.3	.0	1.4	0	0	0
DEC	53	38	46	72	19	1.7	7.3	.4	1.5	0	1	1
ANNUAL	76	50	63	112	19	12.0	8.1	.0	2.2	0	1	1
SYR	90	90	90	90	90	90	90	90	90	36	36	36

MONTH	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PSBL SUNSHINE PERCENT 00-00%	PREVAILING SURFACE WIND DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER-STORMS	FOG VSBY ≤ 7/8 MI	TEMPERATURES (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 20
JAN	80	78	.26	41	550	S SE	4	51	8	8	2	0	0	1	22	0	0	7	0
FEB	78	67	.28	43	550	S SE	4	54	7	7	1	0	0	1	16	0	0	2	28
MAR	78	57	.27	42	630	S W	4	51	6	8	1	0	0	1	9	0	1	0	31
APR	71	44	.27	42	650	W	5	48	5	5	1	0	0	1	3	1	6	0	0
MAY	62	34	.30	45	500	NW	5	43	4	2	0	0	0	0	1	5	17	0	0
JUN	57	32	.35	49	500	NW	6	44	3	1	0	0	0	0	0	13	25	0	0
JUL	51	29	.38	51	500	NW	6	36	2	0	0	0	0	0	0	25	31	0	0
AUG	55	32	.38	51	500	NW	5	29	3	0	0	0	0	0	0	21	30	0	0
SEP	62	35	.38	51	560	NW	4	42	3	1	0	0	0	1	2	13	26	0	0
OCT	73	41	.32	47	650	NNW	3	43	4	2	0	0	0	0	0	2	12	0	0
NOV	81	58	.27	42	500	NNW	3	46	6	6	1	0	0	0	18	0	1	1	30
DEC	84	72	.24	39	450	S SE	3	50	7	7	1	0	0	0	0	0	0	0	0
ANNUAL	71	48	.30	45	600	NNW	4	54	5	67	7	1	0	0	0	101	80	199	89
SYR	90	90	90	90	90	90	90	90	90	36	36	36	36	36	36	90	90	90	90

REMARKS:

MISSING FOR:
HOURLY OBS: MAR 76-FEB 86
SUMMARY OF DAY DATA: JAN 42-DEC 70, JAN 73-FEB 86

NOTE: * DATA NOT AVAILABLE # ARTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S % CALM ESTR % PLVG DIRCTN J BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	58	21	6	1	0	0	0	0	1	0	26	57	16	
	03-05	61	27	8	2	0	0	0	0	0	3	32	61	16	
	06-08	64	38	12	4	1	0	0	0	1	9	40	69	20	
	09-11	65	32	10	3	1	0	0	0	1	4	33	67	18	
	12-14	51	19	5	1	0	1	0	0	1	1	19	54	13	
	15-17	40	11	4	1	0	0	0	0	1	1	13	43	10	
	18-20	40	12	3	0	0	0	0	0	1	1	14	44	10	
	21-23	47	14	3	1	0	0	0	0	0	1	19	50	11	
	ALL HRS	53	22	6	2	0	0	0	0	1	3	25	56	14	12
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	54	18	3	0	0	0	0	0	1	0	24	54	13	
	03-05	57	25	6	1	0	0	0	0	0	3	30	58	15	
	06-08	61	34	11	2	0	0	0	0	1	8	39	67	19	
	09-11	62	30	7	1	0	0	0	0	1	4	31	65	17	
	12-14	47	17	2	0	0	0	0	0	0	1	16	50	11	
	15-17	37	10	1	0	0	0	0	0	0	1	10	39	8	
	18-20	37	10	1	0	0	0	0	0	0	1	11	41	8	
	21-23	43	13	1	0	0	0	0	0	0	0	16	47	10	
	ALL HRS	50	20	4	1	0	0	0	0	0	2	22	53	13	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	46	14	1	0	0	0	0	0	0	0	16	44	10	
	03-05	51	20	5	1	0	0	0	0	0	2	22	50	13	
	06-08	55	31	8	2	0	0	0	0	1	4	29	56	16	
	09-11	51	23	3	1	0	0	0	0	0	1	19	52	13	
	12-14	35	8	0	0	0	0	0	0	0	0	6	33	7	
	15-17	24	3	0	0	0	0	0	0	0	0	2	22	6	
	18-20	27	5	0	0	0	0	0	0	0	0	4	30	6	
	21-23	34	8	0	0	0	0	0	0	0	0	9	37	7	
	ALL HRS	40	14	2	1	0	0	0	0	0	1	13	41	9	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	14	4	0	0	0	0	0	0	0	0	3	20	4	
	03-05	23	13	2	0	0	0	0	0	0	1	8	25	6	
	06-08	25	16	2	1	0	0	0	0	0	1	11	30	7	
	09-11	16	8	1	0	0	0	0	0	0	0	4	19	4	
	12-14	2	1	0	0	0	0	0	0	0	0	0	2	0	
	15-17	1	0	0	0	0	0	0	0	0	0	0	1	0	
	18-20	3	1	0	0	0	0	0	0	0	0	1	6	1	
	21-23	9	2	0	0	0	0	0	0	0	0	1	11	2	
	ALL HRS	12	5	1	0	0	0	0	0	0	0	3	15	3	16

AWS CLIMATIC BRIEF

CHINA LAKE/[redacted]/RIDGECREST, CALIF. PERIOD: 1945-69 WBAN # 93104 WMO #

Prepared by ETAC (NOV 1970) N 35 41 W 117 41 ELEVATION: 2293 ft STN LTRS: KNID

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK GUST) SPEED	MEAN 0400 RELATIVE HUMIDITY (%)	MEAN 1300 RELATIVE HUMIDITY (%)	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	99.95% P (mb) PRESSURE ALTITUDE	MEAN NUMBER OF DAYS PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	77	57	30	6	0.5	0.9	#	5	SW	6	67	63	37	25	.14	2650	2	#	#	#	0	1	0	0	19	0	4
FEB	81	63	36	14	0.4	0.9	#	#	SW	7	69	59	32	27	.15	2700	3	#	0	0	0	#	0	#	9	0	4
MAR	86	68	41	22	0.2	0.9	#	#	SW	9	70	52	26	27	.15	2700	1	#	0	0	#	#	0	2	4	0	3
APR	97	78	49	28	0.1	0.9	0	0	SW	9	64	46	21	31	.17	2700	1	#	0	0	#	0	3	14	#	0	3
MAY	107	85	56	38	0.1	1.0	0	0	SW	9	71	42	18	35	.20	2700	1	#	0	0	#	0	11	22	0	0	3
JUN	114	95	65	42	#	0.3	0	0	SW	9	67	36	15	37	.22	2650	#	0	0	0	#	1	23	29	0	0	1
JUL	113	102	72	55	#	0.2	0	0	SW	8	52	32	15	42	.27	2600	#	0	0	0	1	0	31	31	0	0	2
AUG	110	100	69	53	0.1	0.6	0	0	SW	8	50	35	16	42	.27	2500	1	#	0	0	1	0	30	31	0	0	1
SEP	110	94	62	40	0.3	0.9	0	0	SW	7	60	38	17	38	.23	2600	1	#	0	0	#	0	23	29	0	0	1
OCT	100	82	51	32	0.1	0.8	0	0	SW	6	59	45	21	33	.19	2550	1	#	0	0	#	0	6	20	#	0	2
NOV	86	68	38	20	0.3	1.0	0	0	SW	5	58	55	30	28	.15	2650	1	#	0	0	#	#	0	3	7	0	3
DEC	75	59	31	8	0.4	0.9	#	#	SW	5	62	65	37	26	.14	2650	2	#	#	0	0	1	0	0	19	0	3
ANN	114	79	50	6	2.5	1.0	#	5	SW	7	71	47	24	33	.19	2700	14	#	#	#	2	3	127	181	58	0	3
EYR	20	20	20	20	20	20	19	19	24	24	19	24	24	24	24	24	20	20	19	19	20	20	20	20	20	20	24

REMARKS

SMOS POR: Hourly Obs - Apr 45-Mar 69
Daily Obs - Apr 45-Oct 64

NOTE: -DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	1	#	1	#	0	0	0	0	#	0	#	#	#	19
	03-05	1	#	#	#	0	#	0	0	0	0	#	1	#	20
	06-08	2	1	1	1	0	#	#	0	0	#	1	1	1	24
	09-11	2	2	1	1	#	#	0	0	#	#	1	1	1	24
	12-14	2	3	1	1	#	#	0	0	0	#	1	1	1	24
	15-17	2	2	1	1	0	#	0	0	0	#	1	1	1	24
	18-20	1	1	1	1	0	0	0	0	0	#	1	1	1	24
	21-23	1	1	#	1	0	#	0	0	0	#	#	1	#	20
	ALL HOURS	2	1	1	1	#	#	#	0	#	#	1	1	1	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	1	#	#	#	0	0	0	0	#	0	0	#	#	19
	03-05	1	#	#	#	0	#	0	0	0	0	#	#	#	20
	06-08	1	1	1	1	0	#	#	0	0	#	1	1	1	24
	09-11	1	1	1	1	#	#	0	0	0	#	#	#	#	24
	12-14	1	2	1	#	#	#	0	0	0	#	1	#	#	24
	15-17	1	1	#	#	0	#	0	0	0	#	1	#	#	24
	18-20	1	#	#	#	0	0	0	0	0	#	1	#	#	24
	21-23	1	#	0	1	0	#	0	0	0	0	#	#	#	20
	ALL HOURS	1	1	#	#	#	#	#	0	#	#	1	#	#	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	1	#	#	0	0	0	0	0	0	0	0	#	#	19
	03-05	1	#	0	#	0	0	0	0	0	0	#	#	#	20
	06-08	1	#	#	#	0	0	0	0	0	0	1	1	#	24
	09-11	1	#	1	#	#	0	0	0	0	#	#	#	#	24
	12-14	1	1	#	#	#	#	0	0	0	#	#	#	#	24
	15-17	#	#	#	0	0	#	0	0	0	0	#	#	#	24
	18-20	#	#	#	#	0	0	0	0	0	#	#	0	#	24
	21-23	#	#	0	#	0	#	0	0	0	0	#	#	#	20
	ALL HOURS	1	#	#	#	#	#	0	0	0	#	#	#	#	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	1	#	0	0	0	0	0	0	0	0	0	0	#	19
	03-05	1	#	0	0	0	0	0	0	0	0	#	#	#	20
	06-08	#	#	#	0	0	0	0	0	0	0	#	#	#	24
	09-11	#	0	#	0	0	0	0	0	0	0	0	#	#	24
	12-14	#	#	#	0	0	0	0	0	0	0	0	0	#	24
	15-17	0	0	#	0	0	#	0	0	0	0	0	0	#	24
	18-20	0	#	#	0	0	0	0	0	0	#	0	0	#	24
	21-23	0	0	0	0	0	#	0	0	0	0	0	0	#	20
	ALL HOURS	#	#	#	0	0	#	0	0	0	#	#	#	#	

PREPARED BY USAFETAC JULY 1982

STATION NAME : DAGGETT/SAN BERNADINO CA
LOCATION : N34 52 W116 47

PERIOD JAN 49- DEC 81
ELEV 568 M

STN LTRS: DAG
WBC NO: 723815

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) 06 LST	13 LST	MEAN VAPOR PRESSURE 06 LST (mb)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (ET) 00	CLEAR (0.0 - 3.0 TENTHS)	PARTLY CLOUDY (3.1 - 7.9 TENTHS)	CLOUDY (8.0 - 10.0 TENTHS)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01 (in)	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1 (in)	SNOWFALL ≥ 1.0	THUNDERSTORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 110	MAX ≥ 100	MIN ≤ 40	MIN ≤ 32
JAN	60	36	48	83	8	.6	2.4	.0	1.0	1	14	5	66	40	.17	30	2300	W	7		5	6	8	8	8	8	8	2	0	0	21	11
FEB	66	40	53	86	17a	.5	1.8	.0	.7	0	0	0	60	33	.17	31	2300	W	8		4	5	8	8	8	0	0	1	0	0	12	4
MAR	71	44	58	91	23	.4	1.3	.0	.9	0	0	0	58	32	.19	33	2350	W	11		4	5	8	0	0	0	0	0	0	0	7	1
APR	79	50	65	101	31	.3	1.8	.0	.7	0	0	0	49	21	.19	33	2250	W	12		3	2	8	0	0	0	0	0	0	1	1	0
MAY	87	58	73	110	40	.1	.5	.0	.4	0	0	0	44	19	.23	38	2300	W	12		3	1	8	0	0	0	0	0	0	2	0	0
JUN	98	66	82	116	46	.1	1.2	.0	.5	0	0	0	33	14	.24	39	2250	W	12		2	0	8	0	0	0	0	1	0	2	13	0	0
JUL	104	73	89	117	50	.3	1.1	.0	1.0	0	0	0	36	16	.30	45	2200	W	11		2	2	8	0	0	0	0	0	0	4	26	0	0
AUG	102	72	87	113	55	.5	3.2	.0	2.1	0	0	0	40	19	.32	47	2200	W	10		2	2	8	0	0	0	0	0	0	2	21	0	0
SEP	95	65	80	112	48	.4	3.4	.0	2.3	0	0	0	45	21	.30	45	2200	W	9		2	1	8	0	0	0	1	0	0	0	9	0	0
OCT	83	55	69	105	25	.2	1.0	.0	.7	0	0	0	46	22	.22	37	2200	W	9		2	1	8	0	0	0	0	0	0	0	1	0
NOV	70	43	57	90	21	.3	1.7	.0	1.1	0	2	2	48	26	.16	29	2300	W	8		3	2	8	0	0	0	0	0	0	0	9	2
DEC	63	36	49	83	16	.4	2.1	.0	1.0	0	13	9	53	30	.14	26	2200	W	7		3	2	8	0	0	0	0	1	0	0	22	9
ANN	81	53	68	117	0	3.9	3.4	.0	2.3	1	16	9	48	26	.21	36	2350	W	10		3	23	8	0	0	0	10	4	0	71	73	27
YR	33	33	33	33	33	33	33	33	33	33	33	33	9	9	9	9	9	9	9		9	33	33	33	33	33	33	33	33	33	33	33

REMARKS

NUMBER OF YEARS USED FOR
HRLY OBS: JAN 73 - DEC 81
DAILY OBS: JAN 49 - SEP 81

NOTE * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM DATA % PVLG DIRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	3	2	2	0	0	0	0	1	0	0	0	1	1	
	03-05	5	2	1	1	0	0	0	0	0	0	0	2	1	
	06-08	6	3	2	1	0	0	0	0	0	0	0	2	1	
	09-11	5	2	0	1	0	0	0	1	0	0	0	2	1	
	12-14	0	0	0	1	0	0	0	0	1	0	0	2	1	
	15-17	3	2	2	1	0	0	0	0	1	0	0	2	1	
	18-20	3	1	1	0	0	0	0	1	0	0	0	1	1	
	21-23	1	1	1	0	0	0	0	0	0	0	0	2	1	
	ALL HRS	0	2	2	1	0	0	0	0	0	0	0	2	1	9
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	2	2	0	0	0	0	0	0	0	0	0	1	0	
	03-05	0	1	1	0	0	0	0	0	0	0	0	2	1	
	06-08	0	2	1	0	0	0	0	0	0	0	0	2	1	
	09-11	3	1	2	0	0	0	0	1	0	0	0	2	1	
	12-14	2	1	1	0	0	0	0	0	1	0	0	2	1	
	15-17	1	1	1	0	0	0	0	0	0	0	0	1	0	
	18-20	1	1	0	0	0	0	0	0	0	0	0	1	0	
	21-23	2	1	0	0	0	0	0	0	0	0	0	1	0	
	ALL HRS	2	1	1	0	0	0	0	0	0	0	0	2	1	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	2	1	0	0	0	0	0	0	0	0	0	0	0	
	03-05	3	1	0	0	0	0	0	0	0	0	0	1	0	
	06-08	3	2	0	0	0	0	0	0	0	0	0	2	1	
	09-11	3	1	0	0	0	0	0	0	0	0	0	2	1	
	12-14	1	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	1	1	0	0	0	0	0	0	0	0	0	1	0	
	18-20	1	1	0	0	0	0	0	0	0	0	0	1	0	
	21-23	1	1	0	0	0	0	0	0	0	0	0	1	0	
	ALL HRS	2	1	0	0	0	0	0	0	0	0	0	1	0	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	1	0	0	0	0	0	0	0	0	0	0	0	0	
	06-08	1	0	0	0	0	0	0	0	0	0	0	0	0	
	09-11	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	0	0	0	0	0	0	0	0	0	0	0	0	0	9

A W S	STATION NAME: EDWARDS AFB CA	FIELD ELEV: 2302 FT
	LATITUDE/LONGITUDE: 34 54 N 117 53 W	STATION MSC: 723810
CLIMATIC BRIEF	HOURLY OBS POR: MAR 79 - FEB 89	CALL SIGN: KEDW
(LIMITED)	SUMMARY OF DAY POR: JAN 42 - DEC 73 (FULL TIME), JAN 74 - FEB 89 (PART TIME)	
	HOURS SUMMARIZED: 00-23 LST (4201-7312), 05-21 LST (7401-8902)	SUPERSEDES: JAN 85
MAR 90	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	83	82	87	101	105	112	113	112	109	102	87	84	113	47
MEAN MAX TEMP (F)	57	61	65	72	81	91	98	97	90	79	65	57	76	47
MEAN TEMP (F)	44	48	52	59	66	75	82	81	74	63	51	44	62	47
MEAN MIN TEMP (F)	31	35	39	44	51	59	66	64	57	47	36	31	47	47
EXTRM MIN TEMP	4	14	19	27	32	41	47	47	34	20	13	7	4	47
D/W TEMP GE 100 (F)	0	0	0	#	1	5	15	11	4	#	0	0	36	47
D/W TEMP GE 90 (F)	0	0	0	1	7	18	29	27	18	4	0	0	104	47
D/W TEMP LT 40 (F)	26	21	16	7	1	0	0	0	#	5	20	27	123	47
D/W TEMP LT 33 (F)	19	11	5	1	#	0	0	0	0	1	10	20	67	47
HEATING DEGREE DAYS	657	479	394	204	72	10	0	#	6	114	415	649	3000	31
COOLING DEGREE DAYS	0	0	#	27	120	296	547	497	290	59	#	0	1836	31
MEAN DEWPOINT TEMP (F)	29	30	33	33	38	40	43	45	42	34	30	27	35	10
MEAN WET BULB TEMP (F)	40	42	45	49	54	59	62	62	58	51	44	39	50	10
99.95% WCPA (FT)	2550	2550	2600	2500	2500	2450	2450	2450	2500	2500	2550	2500	2550	10
MEAN REL HUM 07 LST(%)	69.9	66.3	66.2	53.6	48.0	38.5	37.3	41.4	48.5	50.2	58.7	63.4	53.4	10
MEAN REL HUM 13 LST(%)	39.8	35.7	36.4	25.9	22.4	17.4	16.9	19.6	22.0	24.1	31.9	39.5	27.5	10
MAX 24HR PRECIP (IN)	2.72	2.49	3.38	1.18	.60	.37	.37	.91	1.22	1.28	1.49	1.57	3.38	47
MAX PRECIP (IN)	5.53	4.40	5.68	1.76	.72	.38	.45	1.79	1.32	1.65	3.45	4.42	15.68	47
MEAN PRECIP (IN)	.94	.84	.84	.28	.06	.04	.05	.18	.16	.23	.57	.71	4.94	47
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	47
D/W PRECIP GE .01 (IN)	4	3	4	2	1	1	1	1	1	1	2	3	24	47
D/W PRECIP GT .50 (IN)	1	1	1	#	#	0	0	#	#	#	1	1	5	47
MAX 24HR SNFL (IN)	6.5	1.8	1.4	#	0	0	0	0	0	0	3.8	6.3	6.5	43
MAX SNFL (IN)	11.5	2.6	1.4	#	0	0	0	0	0	0	3.8	8.6	11.5	43
MEAN SNFL (IN)	.9	.1	.1	#	0	0	0	0	0	0	.1	.5	1.6	43
D/W SNFL GE .1 (IN)	1	#	1	0	0	0	0	0	0	0	#	1	3	43
D/W SNFL GE 1.5 (IN)	1	#	0	0	0	0	0	0	0	0	#	#	1	43
MAX DLY SNO DEPTH (IN)	9	5	1	0	0	0	0	0	0	0	2	3	9	43
PRVLNG WND DIR (DEG)	$23-25	$23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	$27-25	$23-25	$23-25	23-25	10
MEAN WND SPD (KTS)	4	5	7	8	9	8	8	7	6	5	5	4	6	10
MAX WND SPD (KTS)	52	58	64	52	54	51	51	53	65	65	48	50	65	43
SKY COVER GT 5/10 (%)	40.0	46.6	39.0	33.4	23.0	14.6	15.0	13.6	17.0	24.1	31.0	41.3	28.3	10
D/W THUNDERSTORMS	#	#	1	1	1	1	1	2	1	1	1	#	10	40
D/W FOG (VSBY LT 7 MI)	3	2	1	1	1	#	#	1	1	1	1	2	14	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
05 - 05	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.4	1.6	8.3	1.1	10
CIG 06 - 08	2.0	4.8	.9	.4	.0	.0	.0	.0	.4	.0	1.4	5.2	1.3	10
LT 3000 FT 09 - 11	1.5	4.4	1.3	.1	.0	.0	.0	.0	.0	.0	1.5	4.3	1.1	10
AND/OR 12 - 14	1.6	3.1	1.4	.0	.0	.0	.0	.0	.0	.1	.8	3.9	.9	10
VSBY 15 - 17	1.1	2.0	1.7	.0	.0	.0	.0	.0	.0	.2	1.1	2.7	.7	10
LT 3 MI 18 - 20	1.1	1.5	1.5	.0	.0	.0	.0	.0	.0	.3	.6	2.2	.6	10
21 - 21	.7	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	.7	1.5	.4	10
ALL	1.4	3.0	1.3	.1	.0	.0	.0	.0	.1	.1	1.1	3.6	.9	10
05 - 05	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.4	1.6	8.3	1.1	10
CIG 06 - 08	1.3	4.0	.4	.1	.0	.0	.0	.0	.3	.0	.5	5.1	1.0	10
LT 1500 FT 09 - 11	1.0	2.8	.4	.0	.0	.0	.0	.0	.0	.0	.3	4.2	.7	10
AND/OR 12 - 14	.4	1.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	2.4	.4	10
VSBY 15 - 17	.6	1.3	1.1	.0	.0	.0	.0	.0	.0	.1	.0	1.6	.4	10
LT 3 MI 18 - 20	.3	.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.3	10
21 - 21	.0	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	1.1	.2	10
ALL	.7	1.9	.6	.0	.0	.0	.0	.0	.1	.1	.2	2.9	.5	10
05 - 05	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6	8.3	.9	10
CIG 06 - 08	.4	3.1	.0	.0	.0	.0	.0	.0	.1	.0	.5	4.4	.7	10
LT 1000 FT 09 - 11	.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.4	10
AND/OR 12 - 14	.1	.7	.1	.0	.0	.0	.0	.0	.0	.1	.0	1.9	.2	10
VSBY 15 - 17	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.1	10
LT 2 MI 18 - 20	.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.2	10
21 - 21	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.1	.1	10
ALL	.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	.3	10
05 - 05	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.3	.4	10
CIG 06 - 08	.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	.3	10
LT 200 FT 09 - 11	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.1	10
AND/OR 12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
VSBY 15 - 17	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
LT 1/2 MI 18 - 20	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10
21 - 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	10
ALL	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0
240NM	0/0	0/3	0/0	0/3

REMARKS : @ SUMMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM EDWARDS AFB CA.

AWS CLIMATIC BRIEF

EL TORO MCAS/SANTA ANA, CALIFORNIA — PERIOD: 1965-67 — WBAN # 93101 — WMO #

Prepared by ETAC (FEB 1972) — N 33 40 W 117 44 — FIELD ELEVATION: 383 ft — STN LTRS KNZJ

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) [1] PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK GUST) SPEED	MEAN 0400 RELATIVE HUMIDITY (%)	MEAN 1300 RELATIVE HUMIDITY (%)	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	99.95% PRESSURE ALTITUDE (ft)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	93	64	44	25	2.4	5.2	#	1	E	5	58	70	52	39	.24	600	6	1	#	0	#	10	#	1	1	0	5
FEB	88	65	45	30	1.8	2.1	#	#	E	5	65	74	53	41	.26	600	5	1	0	0	#	10	0	1	#	0	5
MAR	88	66	46	32	1.9	2.5	0	0	W	5	53	81	55	45	.30	650	6	1	0	0	#	10	0	2	#	0	5
APR	101	69	49	33	1.3	2.2	0	0	W	5	46	85	55	48	.34	600	4	1	0	0	#	10	1	3	0	0	6
MAY	101	72	52	39	0.2	0.5	0	0	W	5	48	86	55	51	.38	550	3	#	0	0	#	10	#	3	0	0	5
JUN	103	76	56	44	0.1	0.3	0	0	W	5	29	88	56	55	.44	600	1	0	0	0	0	14	#	6	0	0	5
JUL	103	82	60	48	#	0.3	0	0	W	5	47	88	52	59	.50	650	#	0	0	0	#	18	2	20	0	0	4
AUG	102	82	61	47	0.1	0.7	0	0	W	5	36	83	53	60	.52	600	1	#	0	0	#	18	3	21	0	0	4
SEP	116	82	59	44	0.2	1.2	0	0	W	5	43	83	51	57	.47	650	1	#	0	0	#	16	4	17	0	0	4
OCT	108	77	55	38	0.3	0.7	0	0	W	5	45	79	51	52	.39	650	2	#	0	0	1	15	3	10	0	0	4
NOV	97	71	49	35	1.5	2.8	0	0	E	5	63	70	48	44	.29	600	4	1	0	0	#	12	1	4	0	0	4
DEC	93	66	46	30	1.9	2.4	0	0	E	5	60	69	51	40	.25	650	4	1	0	0	#	11	#	2	#	0	4
ANN	116	73	52	25	11.7	5.2	#	1	W	5	65	80	53	50	.36	650	37	6	#	0	1	154	14	90	1	0	5
EYR	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23

REMARKS

[1] GENERAL DIURNAL SHIFT OF WIND DIRECTION:
NIGHT ELY, TO FORENOON SLY, TO AFTERNOON WLY.

SMOS (NAVY) POR: HRLY AND DAILY OBS: 4503-6712.

NOTE; =DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	22	26	29	40	48	62	53	49	44	41	27	24	38	
	03 - 05	23	26	30	45	54	72	67	62	53	44	27	21	44	
	06 - 08	22	27	31	44	51	70	59	58	53	43	28	23	42	
	09 - 11	21	24	27	33	33	34	14	16	26	30	24	21	25	
	12 - 14	21	24	20	24	20	17	4	7	15	25	20	22	18	
	15 - 17	22	23	18	20	16	12	2	3	9	19	21	23	16	
	18 - 20	23	22	20	27	25	20	6	8	17	23	20	28	19	
	21 - 23	24	24	26	34	39	46	29	27	33	34	25	23	30	
	ALL HOURS	22	25	25	33	36	42	29	29	31	32	24	23	29	23
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	17	19	18	26	31	49	30	42	37	34	20	19	30	
	03 - 05	16	19	18	27	34	57	62	53	44	36	19	18	33	
	06 - 08	15	18	17	26	29	49	30	48	43	35	20	17	30	
	09 - 11	13	15	10	14	11	15	11	12	19	23	17	16	15	
	12 - 14	13	14	8	8	5	6	4	6	12	19	15	17	11	
	15 - 17	15	16	7	6	3	3	2	2	7	13	15	18	10	
	18 - 20	18	15	9	12	8	9	4	5	12	16	14	18	12	
	21 - 23	18	17	14	21	22	34	26	22	27	26	19	19	21	
	ALL HOURS	16	17	13	18	18	27	26	24	25	25	17	18	20	23
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	11	13	10	16	17	29	34	27	27	24	14	11	19	
	03 - 05	11	14	11	20	22	36	46	38	34	25	14	11	24	
	06 - 08	11	13	12	18	17	28	33	33	32	26	14	12	21	
	09 - 11	8	10	6	6	3	4	3	5	9	13	11	11	7	
	12 - 14	7	8	4	3	1	2	1	2	4	10	9	10	5	
	15 - 17	9	8	3	2	1	#	#	1	3	7	9	12	5	
	18 - 20	11	9	5	6	3	2	1	2	5	7	8	11	6	
	21 - 23	12	11	8	12	11	17	14	12	17	16	12	13	13	
	ALL HOURS	10	11	7	11	9	15	16	15	16	16	12	11	12	23
CIG less than 200 feet and/or VSBY less than ½ mile	00 - 02	4	5	3	5	2	3	2	4	7	9	6	4	5	
	03 - 05	4	6	4	6	5	6	6	8	12	11	6	6	7	
	06 - 08	5	5	5	4	2	3	4	7	11	12	7	6	6	
	09 - 11	2	2	1	0	0	0	0	0	0	1	2	3	1	
	12 - 14	0	#	0	0	0	0	0	0	0	0	#	#	#	
	15 - 17	1	#	0	0	0	0	0	0	0	0	#	#	#	
	18 - 20	2	2	1	#	0	0	0	0	0	4	1	2	1	
	21 - 23	4	4	2	1	#	1	#	#	0	3	4	4	2	
	ALL HOURS	3	3	2	2	1	1	2	2	4	4	3	3	3	23

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FORT HUNTER LIGGETT, CA — STATION #: 723914 — ICAO ID:
LOCATION: 36°00'N, 121°19'W — ELEVATION (FEET): 1050 — LST = GMT -8
PREPARED BY USAFETAC/ECR JAN 1986 — PERIOD: VARIED

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	¢1	75	73	82	95	97	102	108	105	104	105	88	80	108
MEAN DLY MAX	2	58	61	63	68	78	85	93	93	87	77	65	58	74
MEAN	¢1	49	53	54	59	65	72	79	75	73	65	56	50	63
MEAN DLY MIN	2	35	37	37	38	43	49	52	52	49	44	39	35	43
EXTREME MIN	¢1	23	23	29	28	32	34	42	39	37	31	23	18	18
# DAYS > 90	¢1	0	0	0	#	2	6	14	8	8	1	0	0	39
# DAYS ≤ 32	¢1	8	4	2	1	#	0	0	0	0	1	4	7	27
# DAYS ≤ 0	¢1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	3	2.3	1.3	4.8	3.8	0	0	0.1	0.1	#	1.6	10.4	4.2	10.4
MEAN	3	1.8	0.9	2.6	2.2	0	0	0.1	0.1	#	0.8	6.5	4.0	18.8
MINIMUM	3	1.3	0.7	0.1	0.1	0	0	0.1	0.1	#	#	2.6	3.7	0
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/PRECIP	¢1	7	7	10	4	1	1	1	1	1	1	5	4	43
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/SNOWFALL	¢1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	2	95	95	94	93	85	84	69	70	77	81	92	93	86
RH (15 LST)	2	51	50	48	41	35	32	25	25	28	33	45	53	39
VAPOR PRESS	¢1	.25	.27	.28	.28	.32	.36	.38	.39	.37	.31	.28	.26	.32
DEWPOINT	¢1	39	42	43	43	46	49	51	52	50	45	42	40	45
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	¢1	$S	$S	$S	$S	$S	$S	$S	$S	$S	$S	$S	$S	$S
MEAN SPEED (PVLG DRCTN)	¢1	3	4	4	3	3	3	3	4	4	3	3	3	3
MEAN SPEED (ALL OBS)	¢1	3	3	4	3	3	3	3	3	3	3	2	2	3
MAX (PK GST)	¢1	28	40	31	24	21	16	19	18	22	20	30	47	47
PRESSURE ALT	¢1	1700	1400	1600	1300	1250	1250	1250	1200	1350	1100	1700	1350	1700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	¢1	4	6	6	4	3	2	1	2	2	3	5	4	3
DAYS TSTMS	¢1	0	1	1	1	0	0	#	1	#	0	#	0	4
DAYS FOG <7	¢1	4	5	4	2	4	2	1	2	1	1	3	5	32
DAYS BNBD <7	¢1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE $ = % CALM > PVLG DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR MAR 79-OCT 85, HOURLY 0600-1600 LST
2. CLIMATE STUDY, FORT HUNTER LIGGETT CA 1964-1977, HOURLY 0000-2400 LST
3. RUSSWO JUL 64 - APR 67

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	28	27	28	17	21	15	7	10	8	7	12	21	17
09-11 LST	22	24	27	11	8	2	5	4	2	5	9	20	12
12-14 LST	21	16	26	11	5	#	2	#	2	3	11	13	9
15-17 LST	19	16	24	12	4	0	1	0	2	5	12	7	9
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	19	16	10	13	10	5	8	6	4	9	17	11
09-11 LST	13	17	11	4	2	1	3	3	1	1	7	15	7
12-14 LST	10	10	5	2	0	0	1	#	1	1	5	6	3
15-17 LST	10	7	4	1	0	0	1	0	1	0	7	6	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	17	14	6	12	7	3	6	3	2	9	15	9
09-11 LST	10	15	7	1	1	#	2	1	#	#	6	13	4
12-14 LST	6	5	1	#	0	0	1	0	0	0	4	5	2
15-17 LST	6	6	1	1	0	0	1	0	0	0	5	5	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS <200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	7	6	2	2	0	0	0	1	0	3	8	3
09-11 LST	3	2	#	0	0	0	0	0	0	0	1	6	1
12-14 LST	0	0	0	0	0	0	0	0	0	0	1	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	1	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: FORT HUNTER LIGGETT, CA
LOCATION: 36°00"N, 121°19'W
PREPARED BY USAFETAC/ECR JAN 1986

STATION #: 723914
ELEVATION (FEET): 1050
PERIOD: VARIED

ICAO ID:
LST = GMT -8

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	1	0	#	0	0	0	0	0	0	1	0	#
09-11 LST	0	0	0	0	0	0	#	1	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	1	1	0	0	0	0	1	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	12	13	3	1	1	2	1	2	2	8	6	5
09-11 LST	11	12	15	4	1	#	1	1	2	2	5	7	5
12-14 LST	13	10	17	6	#	0	1	1	2	1	10	7	6
15-17 LST	14	10	16	8	2	0	1	0	3	2	13	7	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
12-14 LST	0	2	1	0	0	0	0	0	0	0	#	1	#
15-17 LST	2	0	1	0	0	0	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR MAR 79 - OCT 85, HOURLY 0600-1600 LST
2.
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	17	14	5	10	6	2	5	2	2	9	15	7
09-11 LST	9	14	7	1	#	0	1	1	#	#	6	12	4
12-14 LST	5	4	1	#	0	0	1	0	0	0	3	5	2
15-17 LST	5	5	1	1	0	0	1	0	0	0	4	5	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	14	10	3	7	3	1	3	2	2	8	13	6
09-11 LST	7	8	4	0	0	0	1	#	0	0	5	8	3
12-14 LST	3	2	1	0	0	0	0	0	0	0	3	4	1
15-17 LST	3	3	1	1	0	0	0	0	0	0	3	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	12	9	2	4	1	1	1	1	1	3	11	3
09-11 LST	6	5	3	0	0	0	1	0	0	0	1	7	2
12-14 LST	#	1	1	0	0	0	0	0	0	0	1	#	#
15-17 LST	1	1	0	1	0	0	0	0	0	0	2	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	3	2	1	2	0	0	0	#	0	0	6	1
09-11 LST	1	#	0	0	0	0	0	0	0	0	0	4	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

A W S CLIMATIC BRIEF JUL 92	STATION NAME: FORT ORD/FRITZCHE AAF CA LATITUDE/LONGITUDE: 36 41 N 121 46 W HOURLY OBS POR: AUG 76 - JUL 91 SUMMARY OF DAY POR: APR 60-MAR 65, MAY 66-JUL 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +08	FIELD ELEV: 134 FT STATION NBC: 690070 CALL SIGN: KOAR SUPERSEDES: NOV 86

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@@EXTRM MAX TEMP (F)	81	82	85	93	92	98	97	84	98	103	90	82	103	30
MEAN MAX TEMP (F)	60	61	60	62	62	64	65	66	69	68	64	60	63	30
MEAN TEMP (F)	50	52	53	55	56	59	60	61	62	60	55	51	56	30
MEAN MIN TEMP (F)	40	43	45	47	50	53	54	55	54	50	45	41	48	30
EXTRM MIN TEMP (F)	23	24	28	33	37	40	41	44	42	31	28	24	23	30
D/W TEMP GE 100 (F)	0	0	0	0	0	0	0	0	0	1	0	0	1	30
D/W TEMP GE 90 (F)	0	0	0	1	#	1	#	0	1	1	#	0	4	30
D/W TEMP LT 40 (F)	14	8	6	2	1	0	0	0	0	1	6	12	50	30
D/W TEMP LT 33 (F)	4	1	1	0	0	0	0	0	0	#	1	3	10	30
HEATING DEGREE DAYS	525	366	447	410	318	246	202	187	115	152	321	463	3752	5
COOLING DEGREE DAYS	0	#	0	0	1	0	0	0	9	10	1	0	21	5
MEAN DEWPOINT TEMP (F)	41	43	45	45	47	50	53	53	53	50	44	40	47	15
MEAN WET BULB TEMP (F)	46	48	49	50	52	54	56	57	57	54	49	46	52	15
99.95% WCPA (FT)	500	550	550	350	350	350	300	350	400	350	400	400	450	15
MEAN REL HUM 07 LST(%)	77.8	79.4	79.6	77.2	77.5	79.2	83.4	82.1	82.9	80.9	77.2	74.1	79.4	15
MEAN REL HUM 13 LST(%)	62.4	63.8	64.7	63.0	64.8	67.2	70.9	68.8	67.1	64.3	59.4	59.4	64.7	15
MAX 24HR PRECIP (IN)	2.43	1.93	2.69	1.51	1.35	.31	.67	.55	1.29	1.14	2.35	2.56	2.69	31
MAX PRECIP (IN)	7.68	6.93	8.24	6.56	2.04	.38	.69	.60	1.46	1.72	4.97	4.50	31.32	31
MEAN PRECIP (IN)	2.88	2.22	2.35	1.54	.13	.07	.13	.09	.12	.57	1.82	2.20	14.77	31
MIN PRECIP (IN)	.16	.15	.03	.00	#	#	#	#	#	#	.06	.17	7.21	31
D/W PRECIP GE .01 (IN)	9	8	9	6	3	1	1	1	2	4	8	8	60	31
D/W PRECIP GT .50 (IN)	2	1	2	1	#	0	#	#	#	1	1	1	9	31
MAX 24HR SNFL (IN)	4.1	#	#	#	0	0	0	0	0	0	#	#	4.1	31
MAX SNFL (IN)	4.1	#	#	#	0	0	0	0	0	0	#	#	4.1	31
MEAN SNFL (IN)	.2	#	#	#	0	0	0	0	0	0	#	#	#	31
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31
MAX DLY SNO DEPTH (IN)	1	0	0	0	0	0	0	0	0	0	0	0	1	31
PRVLNG WND DIR (DEG)	$11-13	$29-31	29-31	26-28	26-28	26-28	26-28	26-28	26-28	26-28	$11-13	$11-13	26-28	15
MEAN WND SPD (KTS)	4	5	5	6	7	6	6	6	5	4	4	4	5	15
MAX WND SPD (KTS)	44	50	42	40	40	38	26	32	30	40	42	46	50	34
SKY COVER GT 5/10 (%)	51.2	54.2	55.9	51.9	50.0	51.9	60.2	59.5	49.9	49.8	46.7	46.0	52.4	15
D/W THUNDERSTORMS	1	1	1	1	#	#	#	1	1	1	1	#	8	31
D/W FOG (VSBY LT 7 MI)	10	11	10	10	13	15	22	22	18	16	12	11	170	31

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	16.4	19.0	25.6	28.8	30.3	56.9	65.4	66.1	54.1	51.7	19.9	16.7	37.6	15
	03 - 05	21.5	21.1	28.3	34.0	48.9	66.0	73.6	74.2	61.9	50.5	19.5	12.5	42.7	15
CIG	06 - 08	17.3	24.3	25.9	34.6	47.6	63.0	74.3	74.3	57.3	48.3	20.6	16.7	42.0	15
LT 3000 FT	09 - 11	12.6	14.0	15.7	18.2	26.9	39.5	49.2	46.2	30.4	27.4	13.2	11.8	25.4	15
AND/OR	12 - 14	6.9	7.5	9.2	10.1	15.5	20.9	30.5	25.9	15.9	15.7	8.1	7.0	14.4	15
VSBY	15 - 17	5.8	9.1	11.3	12.1	21.1	27.8	44.4	38.7	25.5	24.3	11.9	6.8	19.9	15
LT 3 MI	18 - 20	10.8	12.5	16.6	17.2	26.1	40.2	57.8	54.4	36.6	34.8	15.0	9.4	27.6	15
	21 - 23	11.3	15.5	20.0	19.2	25.4	43.7	59.4	55.8	42.2	38.1	15.1	14.9	30.0	15
	ALL	11.6	14.3	17.6	20.2	29.3	42.4	54.7	51.6	37.3	33.4	14.4	11.1	28.6	15
	00 - 02	11.3	13.4	17.1	16.8	20.9	48.6	62.2	58.3	46.5	45.7	14.4	14.0	30.8	15
	03 - 05	14.1	15.8	20.2	22.6	34.2	54.1	70.1	66.8	48.4	42.6	13.2	9.2	34.3	15
CIG	06 - 08	10.5	17.8	16.4	24.5	33.3	50.7	69.3	67.5	47.7	42.2	14.8	11.8	33.9	15
LT 1500 FT	09 - 11	6.3	9.2	8.9	9.2	16.2	27.9	43.3	37.8	22.9	23.0	9.4	6.5	18.4	15
AND/OR	12 - 14	2.4	3.5	5.3	6.3	10.7	14.3	26.8	21.8	12.6	12.7	4.4	2.9	10.3	15
VSBY	15 - 17	2.3	5.7	7.7	7.7	17.3	23.8	42.0	35.8	23.3	21.1	7.8	3.6	16.5	15
LT 3 MI	18 - 20	5.7	7.9	10.1	11.3	19.9	36.5	55.7	51.3	32.4	29.9	10.6	6.2	23.1	15
	21 - 23	6.7	10.1	13.0	11.9	18.9	38.0	56.6	51.2	38.0	32.9	11.0	9.6	24.8	15
	ALL	6.3	9.5	11.2	12.8	20.7	34.3	51.0	46.1	31.2	28.7	9.9	6.9	22.8	15
	00 - 02	6.6	12.2	13.4	14.7	17.0	39.5	55.3	50.3	40.7	36.9	12.5	10.2	25.8	15
	03 - 05	8.1	12.1	17.4	19.3	28.9	44.1	63.5	57.5	42.4	37.7	12.1	8.4	29.3	15
CIG	06 - 08	6.9	14.8	13.1	19.3	27.2	39.0	61.5	58.9	41.6	37.4	12.2	9.7	28.5	15
LT 1000 FT	09 - 11	4.1	7.0	6.0	5.9	8.5	15.9	31.0	24.9	16.2	16.5	6.0	4.7	12.2	15
AND/OR	12 - 14	1.0	.9	2.9	2.9	5.3	5.2	14.7	11.9	8.6	9.1	2.5	1.5	5.5	15
VSBY	15 - 17	1.5	3.6	5.3	4.7	11.0	12.8	31.0	27.2	18.7	18.2	6.2	2.3	11.9	15
LT 2 MI	18 - 20	3.1	5.8	6.6	8.2	15.4	24.4	49.3	41.9	28.9	24.2	8.4	5.3	18.5	15
	21 - 23	3.7	7.1	8.7	9.1	15.0	30.2	53.0	43.2	31.8	27.6	8.7	7.7	20.5	15
	ALL	3.8	7.0	8.1	9.4	15.1	23.8	42.1	36.5	25.9	23.7	7.7	5.3	17.7	15
	00 - 02	5.0	5.3	4.8	3.5	2.4	9.8	15.7	9.1	9.0	11.9	5.5	5.7	7.3	15
	03 - 05	5.6	5.8	6.4	5.4	7.0	8.9	16.6	11.4	14.2	13.6	6.3	4.3	8.8	15
CIG	06 - 08	3.9	7.7	5.4	5.0	4.2	5.4	9.9	9.7	13.3	14.2	6.4	5.5	7.5	15
LT 200 FT	09 - 11	1.3	1.6	.5	.2	.0	.0	.0	.0	.2	1.2	2.3	1.7	.7	15
AND/OR	12 - 14	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	15
VSBY	15 - 17	.2	.4	.5	.3	.1	.0	.0	.0	.4	.8	.5	.3	.3	15
LT 1/2 MI	18 - 20	.7	2.0	1.0	.2	.2	.5	5.4	1.8	3.6	4.7	1.4	1.7	1.9	15
	21 - 23	1.6	3.5	1.1	.9	1.0	3.7	10.7	3.7	6.2	8.3	2.8	4.0	4.0	15
	ALL	1.7	2.8	1.9	1.6	1.6	2.7	5.8	3.6	4.9	5.7	2.6	2.3	3.1	15

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @@MOST OF THE DATA FOR THIS STATION IS PART TIME. THIS FACT ATTRIBUTES TO THE HIGH TEMPERATURE VALUE OF 93 DEGREES FAHRENHEIT FOR AUGUST (1968) NOT BEING LISTED ON THIS SUMMARY.

A W S	STATION NAME: FRESNO AIR TERMINAL CA	FIELD ELEV: 332 FT
	LATITUDE/LONGITUDE: 36 46 N 119 43 W	STATION MSC: 723890
CLIMATIC BRIEF	HOURLY OBS POR: JAN 79 - DEC 88	CALL SIGN: KFAT
	SUMMARY OF DAY POR: SEP 49-DEC 88	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: FEB 81
SEP 89	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	78	80	90	100	107	110	111	111	111	102	89	76	111	39
MEAN MAX TEMP (F)	54.1	61.6	66.5	74.2	83.3	91.5	98.1	96.0	90.2	79.8	65.1	54.3	76.3	39
MEAN TEMP (F)	45.9	51.1	54.8	60.9	68.6	75.8	81.6	79.7	74.6	65.2	53.8	45.9	63.2	39
MEAN MIN TEMP (F)	37.1	40.1	42.6	47.0	53.3	59.6	64.7	62.9	58.5	50.1	41.9	36.9	49.6	39
EXTRM MIN TEMP (F)	19	25	26	32	36	44	50	49	37	27	26	20	19	39
D/W TEMP GE 105 (F)	0	0	0	0	#	2	4	2	1	0	0	0	9	39
D/W TEMP GE 90 (F)	0	0	#	2	9	18	28	26	17	4	0	0	104	39
D/W TEMP LT 40 (F)	20	14	9	2	#	0	0	0	#	1	11	21	78	39
D/W TEMP LT 33 (F)	8	4	1	#	0	0	0	0	0	#	2	8	23	39
HEATING DEGREE DAYS	575	377	316	144	42	3		#	2	63	330	565	2417	39
COOLING DEGREE DAYS		#	1	38	156	339	523	458	303	93	1	#	1912	39
MEAN DEWPOINT TEMP (F)	40.9	43.6	44.4	43.8	45.7	49.1	52.5	54.6	51.6	48.5	43.9	40.6	46.6	10
MEAN WET BULB TEMP (F)	43.7	47.6	49.8	52.6	56.8	61.3	64.7	65.2	61.5	56.2	48.5	43.3	54.3	10
99.95% WCPA (FT)	650	650	650	600	650	600	650	600	650	550	600	550	700	10
MEAN REL HUM 07 LST(%)	90.2	88.9	83.4	71.4	60.0	53.6	52.1	59.3	64.0	74.1	85.5	90.7	72.7	10
MEAN REL HUM 13 LST(%)	73.0	61.2	53.4	37.9	30.2	27.2	25.5	28.5	32.0	39.3	57.2	72.6	44.8	10
MAX 24HR PRECIP (IN)	2.21	1.83	1.55	1.39	.86	.60	.08	.25	.92	1.46	1.35	1.72	2.21	39
MAX PRECIP (IN)	8.56	5.97	5.79	4.41	1.56	.60	.08	.25	1.19	1.58	3.50	6.73	21.61	39
MEAN PRECIP (IN)	2.06	1.81	1.80	1.10	.28	.08	.01	.02	.19	.46	1.33	1.58	10.80	39
MIN PRECIP (IN)	.04	#	.00	.02	.00	.00	.00	.00	.00	.00	.00	.07	6.07	39
D/W PRECIP GE .01 (IN)	8	7	7	4	2	1	1	1	1	2	6	7	47	39
D/W PRECIP GT .50 (IN)	1	1	1	1	#	#	0	0	#	1	1	1	7	39
MAX 24HR SNFL (IN)	1.5	#	#	0	0	0	0	0	0	#	0	1.2	1.5	39
MAX SNFL (IN)	2.2	#	#	0	0	0	0	0	0	#	0	1.2	2.2	39
MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	#	0	#	.1	39
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	#	0	39
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	0	39
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	1	1	39
MEAN SFC WND DIR (DEG)	$120	$120	300	300	300	300	300	300	300	300	$300	$120	300	10
MEAN WND SPD (KTS)	4.5	4.9	5.8	6.6	7.3	7.4	6.5	6.0	5.6	4.5	4.1	4.0	5.6	10
MAX WND SPD (KTS)	48	43	42	42	38	34	26	31	34	44	40	36	48	19
SKY COVER GT 1/2 (%)	72.0	51.4	49.0	38.3	23.0	15.3	11.0	12.5	19.0	26.2	49.0	67.6	36.5	10
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	39
D/W FOG (VSBY LT 7 MI)	22	14	8	3	1	1	#	1	1	5	16	23	95	39

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
00 - 02	49.2	15.2	6.0	1.2	.1	.1	.0	.0	.3	1.2	22.3	54.2	12.5	10
03 - 05	52.4	19.6	8.7	1.3	.0	.3	.3	.0	.3	1.9	24.1	55.1	13.7	10
CIG 06 - 08	57.6	29.7	15.3	4.7	.4	.4	.4	.0	.3	7.5	33.8	60.6	17.6	10
LT 3000 FT 09 - 11	58.7	27.3	14.3	4.7	.6	.6	.2	.0	.9	5.1	32.0	61.4	17.1	10
AND/OR 12 - 14	47.6	20.1	10.3	2.0	.1	.4	.0	.1	1.1	1.8	20.2	51.8	13.0	10
VSBY 15 - 17	38.6	10.2	5.3	.4	.1	.2	.0	.1	1.1	1.3	13.2	45.7	9.7	10
LT 3 MI 18 - 20	31.8	8.8	2.9	.7	.0	.0	.0	.0	.3	.9	8.6	37.9	7.7	10
21 - 23	39.2	11.0	3.0	1.2	.1	.1	.0	.0	.3	1.0	15.1	48.3	9.9	10
ALL	46.9	17.7	8.2	2.0	.2	.3	.1	.0	.6	2.6	21.2	51.9	12.7	10
00 - 02	43.8	11.8	3.3	.7	.1	.0	.0	.0	.3	1.0	19.2	51.2	10.9	10
03 - 05	6.0	16.5	5.6	.9	.0	.0	.3	.0	.3	1.6	20.1	2.5	12.0	10
CIG 06 - 08	52.4	27.6	12.5	3.6	.0	.1	.4	.0	.3	7.4	30.9	58.9	16.2	10
LT 1500 FT 09 - 11	55.5	24.6	8.3	1.6	.2	.6	.0	.0	.7	4.5	29.1	59.0	15.3	10
AND/OR 12 - 14	41.7	15.1	3.1	.4	.0	.0	.0	.1	.7	1.4	15.9	48.1	10.5	10
VSBY 15 - 17	34.8	8.4	1.6	.2	.1	.1	.0	.1	.7	1.2	11.6	41.1	8.3	10
LT 3 MI 18 - 20	27.7	5.9	.9	.2	.0	.0	.0	.0	.3	.5	6.8	31.9	6.2	10
21 - 23	35.4	7.4	1.0	.3	.1	.1	.0	.0	.3	.6	12.2	43.8	8.4	10
ALL	42.2	14.6	4.5	1.0	.1	.1	.1	.0	.5	2.3	18.2	48.3	11.0	10
00 - 02	37.8	8.8	2.0	.4	.0	.0	.0	.0	.3	.4	12.9	39.5	8.5	10
03 - 05	40.1	12.5	3.8	.8	.0	.0	.0	.0	.0	.6	16.1	44.1	9.8	10
CIG 06 - 08	46.7	22.0	8.0	2.4	.0	.1	.0	.0	.3	4.5	23.9	51.3	13.3	10
LT 1000 FT 09 - 11	48.2	17.3	4.8	.8	.1	.1	.0	.0	.6	2.0	19.9	51.0	12.1	10
AND/OR 12 - 14	31.9	8.1	.9	.1	.0	.0	.0	.1	.4	.2	7.8	35.9	7.1	10
VSBY 15 - 17	20.2	3.1	.3	.0	.1	.1	.0	.1	.3	.2	5.3	26.6	4.7	10
LT 2 MI 18 - 20	18.9	3.2	.3	.1	.0	.0	.0	.0	.1	.1	3.4	23.1	4.1	10
21 - 23	28.2	4.8	.5	.3	.1	.1	.0	.0	.2	.4	7.0	32.0	6.1	10
ALL	34.0	10.0	2.6	.6	.0	.1	.0	.0	.3	1.1	12.0	37.9	8.3	10
00 - 02	17.3	4.2	1.0	.0	.0	.0	.0	.0	.0	.0	5.8	20.3	4.0	10
03 - 05	19.1	6.2	2.2	.1	.0	.0	.0	.0	.0	.1	8.4	25.2	5.1	10
CIG 06 - 08	23.2	10.1	3.4	.2	.0	.0	.0	.0	.0	.8	10.3	28.7	6.4	10
LT 200 FT 09 - 11	14.8	6.2	.9	.0	.0	.0	.0	.0	.0	.1	4.9	19.6	3.9	10
AND/OR 12 - 14	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.4	10
VSBY 15 - 17	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	10
LT 1/2 MI 18 - 20	2.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	.5	10
21 - 23	8.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	1.9	13.1	2.1	10
ALL	10.8	3.7	.9	.0	.0	.0	.0	.0	.0	.1	3.9	14.2	2.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : NONE

A W S	STATION NAME: GEORGE AFB CA	FIELD ELEV: 2875 FT
	LATITUDE/LONGITUDE: 34 35 N 117 23 W	STATION MSC: 723825
CLIMATIC BRIEF	HOURLY OBS POR: JUN 80 - MAY 90	CALL SIGN: KVCV
	SUMMARY OF DAY POR: JAN 42-FEB 46, APR 48-OCT 48, SEP 50-MAY 90	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: APR 86
DEC 90	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	80	84	87	95	101	111	110	108	107	98	85	86	111	46
MEAN MAX TEMP (F)	56	60	65	72	80	90	97	95	89	78	65	57	75	46
MEAN TEMP (F)	45	49	53	59	66	75	82	81	75	64	53	46	62	46
MEAN MIN TEMP (F)	34	37	40	45	52	60	67	66	60	51	40	34	49	46
EXTRM MIN TEMP (F)	9	16	18	29	35	39	50	49	38	28	10	14	9	46
D/W TEMP GE 100 (F)	0	0	0	0	#	4	10	7	2	0	0	0	23	46
D/W TEMP GE 90 (F)	0	0	0	1	5	16	28	26	16	3	0	0	95	46
D/W TEMP LT 40 (F)	25	18	14	5	1	#	0	0	#	1	14	25	103	46
D/W TEMP LT 33 (F)	13	7	3	1	0	0	0	0	0	#	4	12	40	46
HEATING DEGREE DAYS	584	430	373	203	73	8	0	#	10	84	353	577	2695	40
COOLING DEGREE DAYS	0	#	2	28	129	322	544	498	304	89	2	#	1918	40
MEAN DEWPOINT TEMP (F)	27	27	31	32	37	41	44	46	43	35	30	27	35	10
MEAN WET BULB TEMP (F)	37	40	43	47	52	57	60	61	57	50	42	38	49	10
99.95% WCPA (FT)	3050	3050	3100	3050	3000	2950	2900	2900	2950	3000	3050	3000	3050	10
MEAN REL HUM 07 LST(%)	63.9	57.0	58.2	49.1	45.7	39.3	36.4	43.1	49.3	51.0	57.9	63.5	51.2	10
MEAN REL HUM 13 LST(%)	36.7	31.4	31.7	24.9	21.6	18.0	18.5	21.8	24.4	26.2	33.2	39.8	27.3	10
MAX 24HR PRECIP (IN)	1.73	1.91	2.70	.73	.82	.25	.78	.96	2.93	1.23	1.58	1.50	2.93	46
MAX PRECIP (IN)	2.81	4.20	4.47	1.22	.87	.25	2.07	1.35	3.25	1.55	1.84	3.86	11.22	46
MEAN PRECIP (IN)	.83	.67	.63	.25	.12	.02	.15	.20	.25	.23	.44	.62	4.52	46
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13	46
D/W PRECIP GE .01 (IN)	4	3	3	2	1	1	1	1	1	1	2	3	23	46
D/W PRECIP GT .50 (IN)	1	1	1	#	#	0	#	#	#	#	1	1	5	46
MAX 24HR SNFL (IN)	15.6	2.0	2.3	1.2	.3	0	0	0	0	#	8.8	5.8	15.6	46
MAX SNFL (IN)	17.0	2.4	3.4	1.2	.3	0	0	0	0	#	9.2	7.8	17.3	46
MEAN SNFL (IN)	1.4	.2	.3	#	0	0	0	0	0	#	.3	.8	2.9	46
D/W SNFL GE .1 (IN)	1	1	1	#	#	0	0	0	0	0	#	1	4	46
D/W SNFL GE 1.5 (IN)	1	#	#	0	0	0	0	0	0	0	#	1	2	46
MAX DLY SNO DEPTH (IN)	17	2	2	1	0	0	0	0	0	0	8	4	17	46
PRVLNG WND DIR (DEG)	$17-19	17-19	26-28	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	$17-19	17-19	10
MEAN WND SPD (KTS)	4	5	6	6	6	6	5	5	5	4	4	4	5	10
MAX WND SPD (KTS)	54	52	62	52	46	46	58	50	39	54	51	56	62	46
SKY COVER GT 5/10 (%)	32.4	40.2	35.7	30.2	18.9	11.0	13.0	12.5	15.6	19.7	26.7	36.2	24.3	10
D/W THUNDERSTORMS	1	#	1	1	1	1	2	3	1	1	1	#	13	46
D/W FOG (VSBY LT 7 MI)	3	2	2	1	1	#	#	1	1	1	1	2	15	46

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	1.5	1.2	1.1	.4	.0	.0	.0	.0	.0	.0	.9	3.3	.7	10
	03 - 05	1.4	3.0	1.0	.6	.0	.1	.0	.0	.2	.2	1.7	3.9	1.0	10
CIG	06 - 08	1.9	3.8	.5	.3	.0	.2	.0	.0	.3	.6	2.2	4.8	1.2	10
LT 3000 FT	09 - 11	1.9	2.0	1.1	1.0	.0	.0	.0	.0	.3	.4	.9	4.4	1.0	10
AND/OR	12 - 14	1.9	2.8	1.5	1.4	.1	.0	.0	.0	.3	.1	1.3	4.1	1.1	10
VSBY	15 - 17	2.0	3.1	2.0	1.0	.1	.0	.0	.0	.0	.1	.9	3.2	1.0	10
LT 3 MI	18 - 20	1.5	2.0	2.2	.6	.0	.0	.1	.0	.0	.0	.7	3.5	.9	10
	21 - 23	1.6	1.3	1.7	.3	.0	.0	.0	.0	.0	.1	1.0	4.4	.9	10
	ALL	1.7	2.4	1.4	.7	.0	.0	.0	.0	.2	.2	1.2	4.0	1.0	10
	00 - 02	1.2	.9	.0	.2	.0	.0	.0	.0	.0	.0	.7	3.2	.5	10
	03 - 05	.9	2.6	.3	.0	.0	.0	.0	.0	.0	.2	1.2	3.7	.7	10
CIG	06 - 08	1.2	1.8	.0	.0	.0	.0	.0	.0	.0	.2	1.0	4.6	.7	10
LT 1500 FT	09 - 11	1.2	1.2	.2	.2	.0	.0	.0	.0	.0	.3	.4	4.1	.6	10
AND/OR	12 - 14	.9	1.9	.2	.3	.1	.0	.0	.0	.0	.1	.3	2.8	.5	10
VSBY	15 - 17	1.0	1.7	.1	.4	.1	.0	.0	.0	.0	.1	.0	2.3	.5	10
LT 3 MI	18 - 20	.4	1.3	.2	.4	.0	.0	.1	.0	.0	.0	.0	2.3	.4	10
	21 - 23	.9	.4	.1	.2	.0	.0	.0	.0	.0	.1	.1	2.3	.3	10
	ALL	.9	1.5	.1	.2	.0	.0	.0	.0	.0	.1	.5	3.1	.5	10
	00 - 02	.3	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.5	.3	10
	03 - 05	.6	1.9	.2	.0	.0	.0	.0	.0	.0	.0	.8	3.0	.5	10
CIG	06 - 08	1.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0	.6	10
LT 1000 FT	09 - 11	.4	1.2	.2	.2	.0	.0	.0	.0	.0	.0	.3	3.0	.4	10
AND/OR	12 - 14	.0	1.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	2.2	.3	10
VSBY	15 - 17	.2	1.2	.1	.4	.1	.0	.0	.0	.0	.1	.0	1.5	.3	10
LT 2 MI	18 - 20	.0	.5	.0	.3	.0	.0	.1	.0	.0	.0	.0	1.4	.2	10
	21 - 23	.5	.4	.0	.2	.0	.0	.0	.0	.0	.1	.0	1.9	.3	10
	ALL	.4	1.1	.1	.2	.0	.0	.0	.0	.0	.0	.3	2.4	.4	10
	00 - 02	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	10
	03 - 05	.2	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	1.2	.2	10
CIG	06 - 08	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	.2	10
LT 200 FT	09 - 11	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.1	10
AND/OR	12 - 14	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	10
VSBY	15 - 17	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	10
LT 1/2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.1	10
	ALL	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

AWS CLIMATIC BRIEF

HAMILTON AFB/SAN RAFAEL, CALIFORNIA — PERIOD: 1939-65 — WBAN # 23211 — WMO #

Prepared by ETAC (Jun 70) N 38 04 W 122 30 — ELEVATION: 14 ft — STN LTRS: KSRF

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (Peak) SPEED (Gusts)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	99.95% PRESSURE ALTITUDE (ft)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 miles)	TEMPERATURE (°F) MAXIMUM ≤ 90	MAXIMUM ≤ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (Tenths)
JAN	77	54	39	23	5.7	3.6	0	0	E	5	36	89	73	41	.3	350	11	4	0	0	#	19	0	0	7	0	6
FEB	75	59	42	25	4.6	3.2	#	#	NW	5	75	86	67	43	.28	400	9	3	0	0	#	14	0	0	3	0	5
MAR	81	62	43	30	3.2	2.3	#	#	NW	5	42	84	60	43	.28	350	9	2	0	0	#	8	0	#	1	0	5
APR	89	67	45	30	1.8	2.8	0	0	NW	5	49	85	58	46	.31	300	6	1	0	0	#	6	0	2	#	0	5
MAY	102	71	48	36	0.5	0.8	0	0	NW	6	45	85	55	48	.33	250	3	#	0	0	#	5	1	4	0	0	4
JUN	106	77	51	42	0.2	1.8	0	0	NW	6	41	83	52	51	.37	300	1	#	0	0	#	2	3	9	0	0	3
JUL	102	79	52	44	#	#	0	0	SE	5	32	87	53	53	.40	250	#	0	0	0	#	4	2	14	0	0	2
AUG	102	79	52	44	#	0.1	0	0	SE	5	46	87	54	53	.40	200	#	0	0	0	#	6	2	12	0	0	3
SEP	104	79	52	40	0.2	2.3	0	0	SE	4	46	84	51	52	.39	300	1	#	0	0	#	8	3	12	0	0	2
OCT	96	73	49	34	1.7	3.9	0	0	NW	4	64	83	55	49	.35	250	4	1	0	0	#	11	#	6	0	0	4
NOV	93	63	43	28	2.9	3.3	0	0	NW	4	53	85	63	45	.30	300	6	2	0	0	#	15	0	#	1	0	5
DEC	73	55	40	26	5.2	3.9	#	#	E	5	53	89	73	42	.27	300	9	3	0	0	#	20	0	0	4	0	6
ANN	106	68	46	23	26.0	3.9	#	#	NW	5	75	86	60	47	.32	400	59	16	0	0	#	118	11	59	16	0	4
EYR	26	26	26	26	26	26	19	19	26	26	17	26	26	25	26	18	26	26	19	19	19	19	26	26	26	26	20

REMARKS

USAWO POR: Hrly Obs: Mar 39 - May 41, Jul 41 - Jun 65
Daily Obs: Mar 39 - May 41, Jul 41 - Oct 64

NOTE: *DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	39	25	15	15	17	17	17	21	14	21	25	43	22	
	03 - 05	46	33	20	22	27	26	36	39	25	28	33	48	32	
	06 - 08	53	38	27	26	30	28	46	45	33	32	39	53	37	
	09 - 11	48	35	25	21	22	14	9	12	14	21	31	43	25	
	12 - 14	36	27	21	14	11	5	1	2	4	11	21	38	16	
	15 - 17	30	19	16	10	8	3	1	1	2	7	17	32	12	
	18 - 20	27	17	13	9	8	5	1	1	3	7	15	31	11	
	21 - 23	30	19	12	10	11	7	4	5	6	12	18	35	14	
	ALL HOURS	39	27	18	16	17	13	14	16	13	17	25	41	21	26
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	30	18	7	7	11	11	14	18	9	14	18	35	16	
	03 - 05	33	23	10	13	18	18	34	35	19	21	26	42	25	
	06 - 08	43	28	15	15	17	17	35	39	26	26	33	46	28	
	09 - 11	37	25	12	9	6	3	4	7	7	13	24	41	16	
	12 - 14	26	15	6	3	1	1	#	#	1	4	13	28	8	
	15 - 17	20	9	6	2	2	1	#	0	#	3	11	24	7	
	18 - 20	19	9	6	3	3	1	1	1	1	4	10	24	7	
	21 - 23	22	12	5	4	5	2	2	3	2	6	13	27	9	
	ALL HOURS	29	17	8	7	8	7	11	13	8	11	18	34	14	26
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	24	13	4	4	4	5	7	11	5	9	14	28	11	
	03 - 05	31	17	6	8	9	9	21	26	13	16	20	33	17	
	06 - 08	37	22	9	9	8	7	19	26	18	20	26	38	20	
	09 - 11	29	18	6	3	1	#	1	2	2	8	17	32	10	
	12 - 14	18	9	2	1	#	#	0	0	#	2	8	20	5	
	15 - 17	12	4	2	1	#	#	0	0	0	1	7	16	4	
	18 - 20	12	5	2	1	#	#	#	#	0	2	6	16	4	
	21 - 23	16	7	2	2	1	1	1	1	#	3	9	20	5	
	ALL HOURS	22	12	4	3	3	3	6	8	5	8	13	25	9	26
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	8	4	#	1	#	0	0	#	#	3	5	8	2	
	03 - 05	11	7	2	1	1	1	1	2	2	5	9	10	4	
	06 - 08	14	8	3	2	1	#	#	1	2	7	11	12	5	
	09 - 11	7	4	#	0	0	0	0	0	0	1	4	6	2	
	12 - 14	1	#	0	0	0	0	0	0	0	0	1	1	#	
	15 - 17	1	#	0	0	0	0	0	0	0	0	#	1	#	
	18 - 20	2	#	0	0	0	0	0	0	0	0	1	3	1	
	21 - 23	5	1	0	#	0	0	0	0	0	1	2	5	1	
	ALL HOURS	6	3	1	1	#	#	#	#	1	2	4	6	2	26

AWS CLIMATIC BRIEF

IMPERIAL BEACH NAS/REAM FIELD, CALIFORNIA PERIOD: 1952-68 WBAN # 93115
WMO #
Prepared by ETAC (MAR 1971) N 32 34 W 117 07 ELEVATION: 33 ft STN LTRS: (KNRS)

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS										MEAN CLDS (Tenths)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (GUST) SPEED	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE 99.95% (Feet)	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	83	64	45	27	1.5	1.6	0	0	E	6	48	77	61	44	.29	250	6	1	0	0	0	14	0	1	#	0	5
FEB	83	63	47	35	1.1	1.1	0	0	E	6	38	82	64	46	.31	250	5	1	0	0	#	12	0	#	0	0	5
MAR	84	64	49	35	1.0	1.6	0	0	W	6	36	84	67	48	.34	250	6	#	0	0	#	13	0	#	0	0	5
APR	88	65	52	42	1.1	1.2	0	0	W	7	48	86	68	51	.38	250	5	1	0	0	#	12	0	1	0	0	6
MAY	92	67	56	44	0.2	0.5	0	0	W	6	28	84	68	54	.42	200	2	#	0	0	0	8	#	1	0	0	6
JUN	89	68	59	48	0.1	0.4	0	0	W	6	27	87	71	57	.47	250	1	0	0	0	#	15	0	#	0	0	7
JUL	84	72	63	53	#	0.1	0	0	W	5	27	88	73	61	.54	200	#	0	0	0	#	18	0	1	0	0	6
AUG	85	74	65	56	#	0.1	0	0	W	5	26	87	72	63	.58	200	#	0	0	0	#	16	0	1	0	0	6
SEP	108	74	62	52	0.2	1.1	0	0	W	5	30	86	71	61	.54	300	1	#	0	0	#	16	1	2	0	0	5
OCT	105	72	57	43	0.3	0.6	0	0	W	5	33	83	69	56	.45	300	2	#	0	0	#	18	1	3	0	0	5
NOV	98	68	50	36	1.4	1.9	0	0	E	6	51	79	63	49	.35	200	5	1	0	0	#	16	#	1	0	0	5
DEC	85	64	46	31	1.1	1.4	#	#	E	6	40	78	61	45	.30	300	5	1	0	0	#	17	0	1	#	0	5
ANN	108	68	54	27	8.0	1.9	#	#	W	6	51	83	67	53	.40	300	38	5	0	0	#	175	2	12	#	0	5
EYR	13	13	13	13	13	13	13	13	17	17	13	17	17	17	17	17	13	13	13	13	12	12	13	13	13	13	17

REMARKS

JHOS (NAVY) PCR: Hrly Obs: Jan 52 - Dec 68
Daily Obs: Nov 55 - Dec 68

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	23	30	33	44	55	81	68	66	59	48	39	32	48	12
	03 - 05	23	29	35	49	62	86	83	78	63	50	35	23	51	15
	06 - 08	22	30	39	49	63	82	79	75	63	51	30	21	50	17
	09 - 11	18	21	27	32	37	48	39	33	35	35	24	18	31	17
	12 - 14	15	18	20	21	23	33	22	19	22	25	20	17	21	17
	15 - 17	18	20	22	24	28	39	24	21	18	26	20	20	23	17
	18 - 20	22	21	28	32	39	50	31	28	24	31	27	25	30	15
	21 - 23	26	26	32	39	47	65	42	42	41	40	36	32	38	15
	ALL HOURS	20	24	29	35	43	59	47	44	40	38	28	23	36	
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	16	21	19	20	17	48	53	48	39	35	26	25	31	12
	03 - 05	15	19	20	25	23	52	68	59	44	36	24	18	34	15
	06 - 08	13	18	20	25	27	49	66	57	46	38	20	14	33	17
	09 - 11	10	11	12	15	15	28	32	24	24	25	14	11	18	17
	12 - 14	8	10	10	10	8	20	16	15	15	20	12	10	13	17
	15 - 17	11	11	12	11	10	21	16	15	11	19	13	14	14	17
	18 - 20	13	12	13	12	13	26	22	18	14	21	16	19	17	15
	21 - 23	17	17	16	15	14	35	30	28	25	28	22	26	23	15
	ALL HOURS	13	14	15	16	16	34	37	32	27	27	18	17	22	
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	11	14	12	12	7	24	25	19	19	20	18	18	17	12
	03 - 05	10	13	14	15	11	29	35	28	24	22	16	14	19	15
	06 - 08	10	12	13	15	12	26	34	30	24	25	13	11	19	17
	09 - 11	6	6	7	7	5	13	15	12	13	15	7	7	9	17
	12 - 14	4	5	6	5	3	9	7	7	7	12	7	6	7	17
	15 - 17	7	6	5	5	3	8	6	5	5	10	7	9	6	17
	18 - 20	8	6	6	5	4	11	8	6	4	9	9	14	8	15
	21 - 23	10	10	10	7	4	16	13	10	10	15	14	20	12	15
	ALL HOURS	8	9	9	9	6	16	17	14	13	16	11	12	12	
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	4	4	4	4	1	2	2	1	2	8	6	9	4	12
	03 - 05	5	4	4	5	1	3	3	1	5	7	7	6	4	15
	06 - 08	3	4	3	3	1	2	2	1	3	6	3	3	3	17
	09 - 11	1	1	#	#	0	#	#	#	1	1	1	1	1	17
	12 - 14	#	#	0	#	#	#	#	#	0	1	1	#	#	17
	15 - 17	1	1	#	#	0	#	0	0	#	1	1	1	#	17
	18 - 20	2	1	1	1	0	#	0	0	#	2	2	5	1	15
	21 - 23	4	2	2	2	#	1	#	#	1	5	4	8	2	15
	ALL HOURS	2	2	2	2	#	1	1	#	1	4	3	4	2	

PREPARED BY: USAFETAC
OCTOBER 1982

STATION NAME: LEMOORE NAS CA
LOCATION: 36 20 N 119 57

PERIOD: JUL 61-DEC 81
ELEV: 237 FT

STN LTRS:
WBAN NO:

NLC
747020

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	55	36	45	78	14	1.3	5.3	#	1.3	#	3	3
FEB	62	39	51	82	21	1.4	4.6	#	1.7	#	#	#
MAR	68	40	54	90	22	1.1	3.4	#	.9	1	0	0
APR	75	44	59	102	30	.6	2.3	#	.7	0	0	0
MAY	85	51	68	107	34	.2	1.3	.0	.5	0	0	0
JUN	93	58	76	112	43	.1	.4	.0	.4	0	0	0
JUL	99	62	81	113	47	#	.2	.0	.2	0	0	0
AUG	97	61	79	112	48	#	.1	.0	.1	0	0	0
SEP	91	56	74	107	41	.2	2.5	.0	1.3	0	0	0
OCT	80	48	65	102	24	.3	1.3	.0	.8	0	0	0
NOV	66	40	53	87	22	.9	2.7	.0	.9	0	0	0
DEC	55	35	45	80	18	1.0	3.7	.1	.9	#	#	##
ANN	77	48	63	113	14	7.1	5.3	.0	1.7	#	3	3
YR	21	21	21	21	21	21	21	21	21	21	21	21

MONTH	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99 95%	SURFACE WINDS PVLG DRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)
JAN	87	71	.25	40	550	S SE	4	39	7
FEB	87	63	.28	43	650	SNNW	4	46	6
MAR	82	53	.28	43	650	SNNW	5	49	6
APR	75	38	.27	42	500	NNW	6	38	4
MAY	65	29	.29	44	550	NNW	6	40	3
JUN	56	24	.32	47	600	NNW	6	36	2
JUL	57	25	.39	52	550	NNW	6	32	2
AUG	60	29	.39	52	550	NNW	5	35	2
SEP	61	31	.36	50	550	NNW	5	32	2
OCT	65	34	.29	44	500	S N	4	46	3
NOV	76	50	.25	40	550	SNNW	3	33	5
DEC	84	66	.23	38	500	SNNW	3	42	7
ANN	71	43	.29	44	450	NNW	5	49	4
YR	9	9	9	9	9	9	9	20	9

MEAN NUMBER OF DAYS OCCURRENCE OF

MONTH	PRECIP (IN) ≥ 0.01	≥ 0.5	SNOWFALL (IN) ≥ 0.1	≥ 1.0	THUNDERSTORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 90	MIN ≤ 32	MIN ≤ 25
JAN	8	#	#	#	#	24	0	0	12	3
FEB	7	1	0	0	#	18	0	0	3	#
MAR	6	#	0	0	1	8	0	0	3	#
APR	4	#	0	0	#	2	0	#	0	0
MAY	2	#	0	0	#	1	#	1	0	0
JUN	1	0	0	0	#	3	0	0	0	0
JUL	#	0	0	0	#	#	5	17	0	0
AUG	#	0	0	0	#	#	3	12	0	0
SEP	1	#	0	0	1	#	1	3	0	0
OCT	2	#	0	0	#	#	0	#	#	0
NOV	5	#	0	0	#	15	0	0	5	#
DEC	7	1	0	0	#	24	0	0	12	2
ANN	43	2	#	#	2	97	11	41	36	5
YR	21	21	21	21	21	21	21	21	21	21

REMARKS
RUSSMO POR:
HOURLY OBS: JAN 73 - DEC 81
DAILY OBS: JUL 61 - DEC 81

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM GRTR % PLVG DRCTN δ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	49	27	7	2	1	0	0	0	1	#	18	55	13	
	03-05	54	33	10	4	1	0	0	#	1	1	24	61	16	
	06-08	64	46	20	6	#	0	1	1	2	4	37	70	21	
	09-11	64	42	14	3	#	#	#	1	2	6	39	70	20	
	12-14	51	27	13	4	1	#	#	#	1	2	22	60	15	
	15-17	40	21	7	2	#	0	#	#	1	1	14	53	12	
	18-20	39	20	5	2	#	0	0	#	1	1	14	48	11	
	21-23	42	20	4	2	1	0	#	0	1	1	13	51	11	
	ALL HRS	50	30	10	3	1	#	#	#	1	2	23	59	15	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	45	23	3	1	#	0	0	0	1	0	16	52	12	
	03-05	51	29	6	1	0	0	0	#	1	1	21	57	14	
	06-08	61	42	15	3	0	0	1	1	1	4	35	67	19	
	09-11	60	37	9	1	0	#	0	1	1	5	37	67	18	
	12-14	43	22	3	1	#	#	0	#	1	2	19	56	12	
	15-17	34	15	1	#	0	0	#	0	1	1	11	48	9	
	18-20	34	15	2	#	0	0	0	#	1	#	12	46	9	
	21-23	37	17	1	1	0	0	#	0	1	0	12	48	10	
	ALL HRS	46	25	5	1	#	#	#	#	1	2	20	55	13	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	38	15	1	1	#	0	0	0	1	0	10	40	9	
	03-05	45	21	3	1	0	0	0	#	#	0	13	46	11	
	06-08	52	31	8	2	0	0	#	1	#	1	24	57	15	
	09-11	48	25	4	#	0	0	0	1	1	1	17	52	12	
	12-14	28	9	#	#	0	0	0	0	1	#	6	34	7	
	15-17	19	5	#	#	0	0	0	0	#	#	3	28	5	
	18-20	22	7	1	#	0	0	0	#	#	0	4	27	5	
	21-23	27	10	0	1	0	0	#	0	1	0	7	33	7	
	ALL HRS	35	15	2	1	#	0	#	#	1	#	11	40	9	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	18	4	0	#	0	0	0	0	#	0	3	18	4	
	03-05	25	10	1	#	0	0	0	0	#	0	6	25	6	
	06-08	28	12	2	#	0	0	0	#	0	0	10	30	7	
	09-11	19	9	#	0	0	0	0	0	0	0	5	18	4	
	12-14	3	1	0	0	0	0	0	0	0	0	#	3	1	
	15-17	1	0	0	0	0	0	0	0	0	#	0	1	#	
	18-20	4	1	0	0	0	0	0	0	0	0	#	2	1	
	21-23	9	1	0	0	0	0	0	0	0	0	1	2	1	
	ALL HRS	13	5	#	#	0	0	0	#	#	#	3	13	3	9

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LOS ALAMITOS, CA STATION #: 722975 ICAO: KSLI
LOCATION: 3347N 11803W ELEVATION (FEET): 35 LST = GMT -8
PREPARED BY: USAFETAC/ECO, JUL 1989 PERIOD: 8209-8812

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	89	89	96	92	92	99	104	98	104	102	90	86	104
MEAN DAILY MAX	1	70	70	71	72	73	74	80	82	81	79	72	68	74
MEAN	1	62	63	64	66	68	69	74	76	75	72	65	61	68
MEAN DAILY MIN	1	51	52	55	58	61	64	67	68	67	62	55	50	59
EXTREME MIN	1	39	42	44	50	54	56	59	61	55	53	43	39	39
# DAYS GE 90	1	0	0	1	1	#	#	4	5	5	3	#	0	19
# DAYS LE 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	11.0	7.9	4.7	3.4	1.5	.3	.2	.1	1.3	1.1	5.0	3.8	11.0
MEAN	2	2.8	1.7	1.4	1.2	.2	.0	.0	.0	.1	.1	1.3	1.1	9.9
MINIMUM	2	.2	#	.0	#	#	.0	.0	.0	.0	.0	.0	#	.0
MAX 24 HR	2	3.7	2.3	1.8	2.2	1.3	.3	.2	.1	.8	.4	1.7	1.5	3.7
# DAYS GE 0.004	2	6	4	5	4	1	1	0	0	1	1	4	4	31
# DAYS GE 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (7 LST)	1	75	76	78	73	75	77	77	78	77	75	77	76	76
RH (14 LST)	1	49	51	53	52	57	60	56	55	54	53	51	53	54
VAPOR PRESS	1	.32	.34	.37	.38	.45	.50	.57	.59	.57	.48	.39	.33	.44
DEWPOINT	1	45	47	49	50	55	58	62	63	62	57	50	46	54
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	$SSW	$SSW	$SW	$S	$SSW	$SSW	$SSW	$S	$SSW	$SW	$SW	$SSW	$SSW
MEAN SPEED (PVLG DRCTN)	1	5	7	8	7	7	7	7	6	7	7	6	5	7
MEAN SPEED (ALL OBS)	1	3	4	5	5	5	5	4	4	4	4	3	3	4
MAX PEAK GUST	1	34	38	42	27	30	18	18	0	18	26	45	38	45
PRESSURE ALT	1	490	420	560	250	200	200	240	280	330	240	430	370	560
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	3	3	3	3	2	3	3	3	3	3
DAYS TSTMS	1	0	#	1	#	#	#	#	#	#	#	#	0	3
DAYS FOG LT 7	1	14	12	11	7	12	14	13	14	13	14	13	13	148
DAYS BNBD LT 7	1	#	#	0	0	0	0	0	0	0	#	0	#	1

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST		34	35	40	34	52	75	57	53	49	49	41	37	46
09-11 LST		30	30	37	26	38	45	29	27	34	41	33	33	34
12-14 LST		24	21	21	13	10	14	8	6	14	14	21	25	16
15-17 LST		14	11	15	9	5	6	4	5	9	7	12	21	10
18-20 LST		9	11	16	11	10	12	6	4	13	11	12	19	11
21-23 LST		15	13	19	15	18	22	10	7	17	16	26	23	17
ALL HOURS	¢	21	20	25	18	22	29	19	17	23	23	24	26	22

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST		31	31	30	21	36	52	41	45	32	40	33	33	36
09-11 LST		26	24	23	11	21	23	18	17	19	28	22	29	22
12-14 LST		18	15	12	6	5	5	4	3	7	10	11	19	9
15-17 LST		11	9	9	4	3	4	2	2	4	5	7	16	6
18-20 LST		7	7	9	6	9	9	4	2	6	6	5	15	7
21-23 LST		12	9	11	7	16	18	7	6	8	8	16	20	12
ALL HOURS	¢	18	16	16	9	15	19	13	13	13	16	16	22	15

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST		21	19	16	12	22	26	21	22	17	22	19	24	20
09-11 LST		16	14	10	4	7	8	5	4	6	14	11	18	10
12-14 LST		9	6	5	1	1	1	1	#	3	4	4	10	4
15-17 LST		6	4	4	1	0	#	#	1	1	1	3	8	2
18-20 LST		2	4	5	2	4	4	3	1	3	2	1	6	3
21-23 LST		6	5	8	4	7	10	5	4	5	3	2	10	6
ALL HOURS	¢	10	9	8	4	7	8	6	5	6	8	7	13	8

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST		*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST		3	4	2	4	0	1	1	1	1	4	2	6	2
09-11 LST		1	1	#	0	#	0	0	0	0	#	#	2	#
12-14 LST		0	0	0	0	0	0	0	0	#	0	0	0	#
15-17 LST		#	0	#	0	0	0	0	0	0	0	0	1	#
18-20 LST		1	0	1	0	0	0	0	0	#	0	0	2	#
21-23 LST		1	1	3	1	0	0	1	0	1	1	0	3	1
ALL HOURS	¢	1	1	1	1	#	#	#	#	#	1	#	2	1

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE SEP 82-DEC 88
2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE JUL 1949 - JUN 1969

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LOS ALAMITOS, CA | STATION #: 722975 | ICAO: KSLI
LOCATION: 3347N 11803W | ELEVATION (FEET): 35 | LST = GMT -8
PREPARED BY: USAFETAC/ECO, JUL 1989 | PERIOD: 8209-8812

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	0	#	#	0	#	0	0	0	0	#
09-11 LST	0	#	1	0	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	#	#	0	0	0	0	0	0	#	0	#
15-17 LST	0	0	#	#	0	0	#	0	#	#	0	0	#
18-20 LST	0	#	0	0	0	0	1	0	#	#	#	0	#
21-23 LST	0	0	1	0	0	0	0	0	0	1	#	0	#
ALL HOURS ¢	0	#	1	#	#	#	#	#	#	#	#	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	7	5	2	1	2	2	2	4	1	3	5	3
09-11 LST	4	6	7	1	#	1	2	1	3	1	4	6	3
12-14 LST	5	4	4	1	#	#	0	0	2	1	3	7	2
15-17 LST	5	4	4	3	#	0	#	0	2	1	4	5	2
18-20 LST	2	5	7	4	0	0	1	#	2	1	5	6	3
21-23 LST	4	8	7	3	0	0	1	1	4	2	3	5	3
ALL HOURS ¢	4	6	6	2	#	1	1	1	3	1	4	6	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS ¢	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	0	1	0	0	0	0	0	0	#	1	0	#
09-11 LST	1	#	1	#	#	0	0	0	0	#	1	0	#
12-14 LST	#	1	1	#	#	0	0	0	0	#	1	#	#
15-17 LST	#	#	#	1	#	0	0	0	0	0	0	#	#
18-20 LST	0	#	#	0	0	0	#	0	0	0	0	1	#
21-23 LST	1	0	#	0	0	0	0	0	0	0	0	1	#
ALL HOURS ¢	1	#	1	#	#	0	#	0	0	#	1	#	#

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	20	18	13	8	7	11	8	10	12	21	17	23	14
09-11 LST	15	13	8	2	3	2	1	3	4	13	9	18	8
12-14 LST	9	5	2	0	#	#	#	#	2	4	2	10	3
15-17 LST	5	4	2	#	0	0	0	0	1	1	2	7	2
18-20 LST	1	4	3	#	2	1	2	#	2	1	1	6	2
21-23 LST	6	5	5	2	2	2	3	1	3	3	1	9	4
ALL HOURS ¢	9	8	6	2	2	3	2	2	4	7	5	12	5

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	16	14	9	7	3	4	4	5	9	16	14	21	10
09-11 LST	11	9	6	2	1	1	1	1	3	10	6	14	5
12-14 LST	6	3	2	0	0	0	#	#	1	3	1	7	2
15-17 LST	3	3	1	0	0	0	0	0	1	1	1	4	1
18-20 LST	1	3	2	0	1	0	0	0	2	#	1	5	1
21-23 LST	3	4	4	2	0	1	1	0	3	1	0	7	2
ALL HOURS ¢	7	6	4	2	1	1	1	1	3	5	4	10	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	9	4	6	#	2	2	3	4	7	6	13	6
09-11 LST	5	4	1	1	#	0	#	0	#	2	2	6	2
12-14 LST	2	1	0	0	0	0	0	0	#	0	0	2	#
15-17 LST	1	1	#	0	0	0	0	0	0	0	#	1	#
18-20 LST	1	0	1	0	0	0	0	0	1	0	1	3	1
21-23 LST	1	2	4	1	0	0	1	0	3	1	0	4	1
ALL HOURS ¢	4	3	2	1	#	#	1	1	1	2	2	5	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	3	1	3	0	1	1	1	1	2	2	5	2
09-11 LST	1	#	0	0	#	0	0	0	0	0	#	1	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	#	0	0	0	0	0	0	0	0	0	0	#	#
18-20 LST	1	0	1	0	0	0	0	0	#	0	0	1	#
21-23 LST	1	1	3	0	0	0	0	0	1	0	0	2	1
ALL HOURS ¢	1	1	1	1	#	#	#	#	#	#	#	2	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE SEP 82-DEC 88

A W S	STATION NAME: MARCH AFB CA	FIELD ELEV: 1538 FT
	LATITUDE/LONGITUDE: 33 53 N 117 16 W	STATION MSC: 722860
CLIMATIC BRIEF	HOURLY OBS POR: AUG 79 - JUL 89	CALL SIGN: KRIV
	SUMMARY OF DAY POR: FEB 36 - JUL 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: MAR 85
NOV 89	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	85	87	95	100	108	110	110	111	114	110	94	90	114	53
MEAN MAX TEMP (F)	62.7	64.5	66.2	71.9	76.9	84.2	92.5	92.0	88.1	79.5	70.8	64.7	76.2	53
MEAN TEMP (F)	50.9	52.7	54.4	58.9	63.9	69.8	76.9	76.8	73.3	65.4	[illegible]	52.3	62.8	53
MEAN MIN TEMP (F)	38.9	40.6	42.3	45.7	50.6	55.1	60.9	61.4	58.2	51.0	43.7	39.6	49.0	53
EXTRM MIN TEMP (F)	16	22	24	27	32	39	48	47	42	28	26	17	16	53
D/W TEMP GE 100 (F)	0	0	0	#	1	1	4	4	3	1	0	0	14	53
D/W TEMP GE 90 (F)	0	0	#	1	3	9	22	21	14	5	1	#	76	53
D/W TEMP LT 40 (F)	16	12	9	4	1	#	0	0	0	1	7	15	65	53
D/W TEMP LT 33 (F)	5	2	1	1	#	0	0	0	0	#	1	4	14	53
HEATING DEGREE DAYS	417	336	319	193	87	18	#	#	5	65	226	382	2048	53
COOLING DEGREE DAYS	#	1	2	20	62	170	375	377	263	88	9	1	1368	53
MEAN DEWPOINT TEMP (F)	35.1	38.2	41.4	43.3	48.4	51.9	55.0	55.7	54.1	47.3	38.1	34.4	45.3	10
MEAN WET BULB TEMP (F)	44.7	46.6	48.3	51.5	55.3	59.5	63.5	63.8	61.6	55.6	47.9	44.1	53.6	10
99.95% WCPA (FT)	1750	1750	1800	1700	1700	1700	1700	1700	1750	1700	1700	1750	1750	10
MEAN REL HUM 07 LST(%)	70.3	73.7	78.8	72.3	73.6	69.6	64.6	67.2	70.6	72.8	68.8	68.2	70.9	10
MEAN REL HUM 13 LST(%)	42.2	42.7	46.4	39.5	40.0	36.2	30.8	32.5	35.2	36.2	37.1	39.0	38.1	10
MAX 24HR PRECIP (IN)	3.09	2.42	2.42	1.57	1.08	.25	1.38	1.74	2.08	1.06	2.10	2.68	3.09	53
MAX PRECIP (IN)	6.27	8.89	6.09	4.57	2.07	.28	1.46	2.39	3.01	2.92	5.55	6.06	23.96	53
MEAN PRECIP (IN)	1.92	1.87	1.64	.83	.18	.03	.08	.17	.31	.37	.98	1.54	9.93	53
MIN PRECIP (IN)	.00	.00	.00	#	#	.00	.00	.00	.00	.00	.00	#	3.38	53
D/W PRECIP GE .01 (IN)	6	5	6	4	1	1	1	1	1	2	3	5	36	53
D/W PRECIP GT .50 (IN)	1	1	1	1	#	0	#	#	1	1	1	1	8	53
MAX 24HR SNFL (IN)	3.0	.2	.6	0	0	0	0	0	0	0	.1	.8	3.0	43
MAX SNFL (IN)	4.9	.2	.6	0	0	0	0	0	0	0	.1	1.1	4.9	43
MEAN SNFL (IN)	.1	0	#	0	0	0	0	0	0	0	0	#	.2	43
D/W SNFL GE .1 (IN)	#	#	#	0	0	0	0	0	0	0	#	#	0	43
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	0	43
MAX DLY SNO DEPTH (IN)	2	0	#	0	0	0	0	0	0	0	0	1	2	43
MEAN SFC WND DIR (DEG)	$330	$300	$300	$300	$300	300	$300	$300	$300	$300	$300	$330	$300	10
MEAN WND SPD (KTS)	3.3	3.2	3.2	3.8	3.9	4.1	3.8	3.5	3.0	2.7	2.9	2.9	3.4	10
MAX WND SPD (KTS)	46	45	48	40	38	39	43	36	39	41	44	49	49	42
SKY COVER GT 1/2 (%)	41.0	48.4	46.0	43.3	42.0	28.9	17.0	19.7	27.0	35.6	37.0	39.3	35.7	10
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	40
D/W FOG (VSBY LT 7 MI)	13	14	18	15	17	16	10	10	13	16	13	12	167	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	EC	ANN	YOR
	00 - 02	22.2	23.0	25.5	21.3	33.7	24.6	7.5	8.8	18.1	33.1	26.4	18.5	21.9	10
	03 - 05	27.8	29.7	36.6	32.8	49.9	45.4	20.4	20.4	29.3	41.5	33.3	20.8	32.3	10
CIG	06 - 08	27.4	31.0	40.2	36.3	49.7	49.4	25.9	27.6	35.1	44.5	34.7	21.3	35.3	10
LT 3000 FT	09 - 11	20.9	19.7	22.9	18.0	23.2	24.8	8.1	9.6	14.4	23.2	19.6	13.9	18.2	10
AND/OR	12 - 14	13.1	11.5	14.7	13.9	13.8	13.9	5.3	5.7	8.4	15.8	11.1	8.4	11.3	10
VSBY	15 - 17	13.7	11.7	14.1	13.2	10.0	8.7	3.1	2.7	7.4	20.0	12.9	9.9	10.6	10
LT 3 MI	18 - 20	12.3	10.7	11.9	8.1	5.8	4.7	1.1	1.7	3.1	12.7	12.6	9.9	7.9	10
	21 - 23	15.1	14.8	13.4	10.8	11.9	6.9	1.7	3.0	7.0	17.3	16.1	15.5	11.1	10
	ALL	19.0	19.0	22.4	19.3	24.7	22.3	9.1	9.9	15.4	26.0	20.8	14.8	18.6	10
	00 - 02	16.7	17.6	17.6	14.6	24.4	19.7	6.6	6.9	14.3	29.6	23.6	14.1	17.1	10
	03 - 05	22.9	24.4	28.7	24.9	38.6	39.4	19.6	18.8	24.8	37.6	29.3	18.0	27.2	10
CIG	06 - 08	23.8	26.4	34.1	28.1	38.5	43.2	24.6	25.7	29.1	40.9	31.2	19.5	30.4	10
LT 1500 FT	09 - 11	16.7	14.8	15.4	12.6	16.3	19.3	6.9	8.1	11.7	20.2	16.7	11.5	14.2	10
AND/OR	12 - 14	8.5	5.8	7.4	11.2	11.2	12.6	5.3	5.3	7.3	14.4	8.9	5.8	8.6	10
VSBY	15 - 17	8.6	6.0	9.6	10.6	8.8	8.1	2.9	2.5	6.7	19.4	11.2	7.8	8.5	10
LT 3 MI	18 - 20	7.3	6.9	5.3	6.0	4.9	4.6	1.1	1.2	2.8	11.8	9.7	6.1	5.6	10
	21 - 23	10.2	10.7	7.4	[illegible]	7.3	5.2	1.4	1.6	4.7	15.4	14.3	10.1	7.8	10
	ALL	14.3	14.1	15.7	14.2	18.8	19.0	8.5	8.7	12.7	23.7	18.1	11.6	14.9	10
	00 - 02	11.3	11.9	10.6	8.3	12.8	11.8	2.5	3.0	8.1	18.3	16.4	9.7	10.4	10
	03 - 05	16.9	17.2	19.4	18.6	28.6	28.0	14.1	12.9	16.7	28.9	23.3	14.3	19.9	10
CIG	06 - 08	19.6	19.8	25.6	21.2	27.2	27.3	15.1	15.9	19.3	33.4	26.2	16.2	22.2	10
LT 1000 FT	09 - 11	10.5	10.4	6.9	6.9	5.9	5.0	1.2	2.9	4.6	11.1	9.1	7.3	6.8	10
AND/OR	12 - 14	3.5	2.0	2.6	2.4	2.4	.8	.0	.4	1.1	5.5	3.2	1.8	2.1	10
VSBY	15 - 17	3.7	2.2	2.0	1.6	1.7	.3	.1	.3	.7	6.9	3.8	3.2	2.2	10
LT 2 MI	18 - 20	4.0	3.4	2.2	.7	1.5	.6	.2	.4	.4	4.3	3.4	2.7	2.0	10
	21 - 23	6.7	6.6	3.8	1.7	2.2	1.9	.2	.3	1.3	6.7	7.3	4.4	3.6	10
	ALL	9.5	9.2	9.1	7.7	10.3	9.5	4.2	4.5	6.5	14.4	11.6	7.5	8.7	10
	00 - 02	4.6	3.8	4.1	1.4	1.7	.9	.3	.2	.8	5.6	3.7	2.9	2.5	10
	03 - 05	7.5	7.7	7.0	6.4	8.0	3.7	2.8	2.4	3.9	9.9	10.0	6.7	6.3	10
CIG	06 - 08	9.5	9.0	7.8	6.7	5.8	2.7	2.2	2.4	3.8	10.4	11.0	6.8	6.5	10
LT 200 FT	09 - 11	3.1	1.6	.8	.1	.0	.0	.0	.0	.0	1.5	1.6	1.8	.9	10
AND/OR	12 - 14	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	10
VSBY	15 - 17	.3	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 23	1.7	1.3	.5	.0	.0	.0	.0	.0	.0	.1	.7	.6	.4	10
	ALL	3.4	2.9	2.6	1.8	1.9	.9	.7	.6	1.1	3.4	3.4	2.4	2.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965-1986 :

HR/TS	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0
240NM	0/0	1/4	0/0	1/4

A W S	STATION NAME: MATHER AFB/SACRAMENTO CA	FIELD ELEV: 96 FT
	LATITUDE/LONGITUDE: 38 33 N 121 18 W	STATION NSC: 724835
CLIMATIC BRIEF	HOURLY OBS POR: AUG 61 - JUL 91	CALL SIGN: KMHR
	SUMMARY OF DAY POR: SEP 41-JAN 46, MAY 46-JUL 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: OCT 87
FEB 92	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	72	77	88	93	102	111	112	113	111	101	85	72	113	52
MEAN MAX TEMP (F)	53	59	63	71	79	87	93	91	87	77	63	53	73	52
MEAN TEMP (F)	46	51	54	59	65	72	77	75	72	64	53	46	61	52
MEAN MIN TEMP (F)	38	41	44	47	51	57	60	60	57	51	44	39	49	52
EXTRM MIN TEMP (F)	21	23	25	34	37	41	49	50	44	31	24	15	15	52
D/W TEMP GE 100 (F)	0	0	0	0	1	3	5	4	2	#	0	0	15	52
D/W TEMP GE 90 (F)	0	0	0	1	4	11	22	19	12	2	0	0	71	52
D/W TEMP LT 40 (F)	19	11	6	2	#	0	0	0	0	1	8	17	64	52
D/W TEMP LT 33 (F)	7	2	1	0	0	0	0	0	0	#	1	5	16	52
HEATING DEGREE DAYS	585	393	338	186	67	8	#	#	6	72	329	563	2547	45
COOLING DEGREE DAYS	0	0	#	17	93	229	376	339	238	63	#	0	1355	45
MEAN DEWPOINT TEMP (F)	38	40	42	43	45	49	51	52	50	46	42	38	45	10
MEAN WET BULB TEMP (F)	41	45	48	51	54	58	61	61	58	54	47	41	51	10
99.95% WCPA (FT)	400	450	500	400	400	400	400	400	400	350	450	400	500	10
MEAN REL HUM 07 LST(%)	87.9	82.1	80.9	74.9	68.0	64.8	62.1	68.9	70.6	76.5	83.6	87.3	75.6	10
MEAN REL HUM 13 LST(%)	69.8	57.5	56.5	44.6	35.7	33.0	29.8	33.0	35.7	42.2	58.8	70.5	47.2	10
MAX 24HR PRECIP (IN)	2.64	2.98	1.96	4.34	1.41	.79	1.33	.99	1.87	4.36	2.61	2.18	4.36	52
MAX PRECIP (IN)	11.57	9.88	8.84	4.74	2.56	.80	1.35	1.01	2.32	8.66	7.79	7.96	40.30	52
MEAN PRECIP (IN)	3.51	2.91	2.93	1.58	.49	.16	.06	.08	.32	1.10	2.62	2.85	18.69	52
MIN PRECIP (IN)	.34	.48	.05	#	.00	.00	.00	.00	.00	.00	#	#	6.71	52
D/W PRECIP GE .01 (IN)	10	8	9	5	3	1	1	1	1	4	7	9	59	52
D/W PRECIP GT .50 (IN)	3	2	2	1	1	#	#	#	1	1	2	2	15	52
MAX 24HR SNFL (IN)	#	#	#	0	0	0	0	0	0	#	#	1.5	1.5	46
MAX SNFL (IN)	#	#	#	0	0	0	0	0	0	#	#	1.8	1.8	46
MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	#	#	#	#	46
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	46
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	46
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	46
PRVLNG WND DIR (DEG)	$14-16	$14-16	$14-16	20-22	20-22	20-22	20-22	20-22	$20-22	$11-13	$14-16	$14-16	$14-16	10
MEAN WND SPD (KTS)	3	5	5	5	5	5	5	5	4	3	4	4	4	10
MAX WND SPD (KTS)	61	62	62	53	43	45	33	32	50	63	56	64	64	47
SKY COVER GT 5/10 (%)	61.1	48.5	51.8	43.3	29.9	20.7	11.0	11.6	17.8	26.3	49.7	59.3	35.8	10
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	52
D/W FOG (VSBY LT 7 MI)	20	12	7	4	2	1	1	1	2	7	15	20	92	52

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	35.9	11.0	3.8	2.7	1.8	1.3	.6	.4	.9	2.0	13.1	36.9	9.2	10
	03 - 05	39.4	13.4	7.2	3.8	3.0	4.7	1.0	1.6	1.4	4.6	16.7	41.6	11.5	10
CIG	06 - 08	49.8	16.8	11.4	9.3	5.1	6.6	2.5	2.0	4.0	8.7	24.3	45.3	15.5	10
LT 3000 FT	09 - 11	45.1	13.6	10.2	5.1	2.9	2.0	.3	.6	1.7	5.5	20.8	43.8	12.6	10
AND/OR	12 - 14	31.5	7.7	6.7	1.1	.6	.6	.0	.0	1.1	1.7	14.6	33.8	8.3	10
VSBY	15 - 17	24.8	5.4	3.7	.9	.0	.2	.0	.0	.6	.6	10.3	29.1	6.3	10
LT 3 MI	18 - 20	25.7	5.9	2.4	1.4	.3	.3	.0	.0	.6	.8	8.8	29.9	6.3	10
	21 - 23	28.8	7.7	2.6	1.9	1.0	.2	.0	.3	.4	1.4	9.6	34.9	7.4	10
	ALL	35.1	10.2	6.0	3.3	1.8	2.0	.6	.6	1.3	3.2	14.8	36.9	9.7	10
	00 - 02	32.6	8.3	2.9	1.1	.3	.9	.3	.3	.6	1.8	10.3	33.5	7.7	10
	03 - 05	36.3	9.9	4.9	2.3	.8	3.7	.5	.9	.9	3.4	13.2	37.4	9.5	10
CIG	06 - 08	46.9	13.4	8.3	5.9	2.4	3.9	1.4	1.2	2.9	7.3	21.1	41.6	13.0	10
LT 1500 FT	09 - 11	41.4	11.3	6.0	1.9	.8	.7	.0	.1	1.1	2.9	18.2	40.6	10.4	10
AND/OR	12 - 14	27.8	5.0	1.7	.6	.2	.1	.0	.0	.7	.6	11.3	29.8	6.5	10
VSBY	15 - 17	22.5	2.7	.9	.3	.0	.0	.0	.0	.3	.2	8.7	26.1	5.1	10
LT 3 MI	18 - 20	23.2	3.5	.8	.6	.0	.0	.0	.0	.6	.5	6.0	24.8	5.0	10
	21 - 23	25.6	5.4	1.8	.7	.0	.1	.0	.0	.3	1.1	6.4	30.0	5.9	10
	ALL	32.0	7.4	3.4	1.7	.6	1.2	.3	.3	.9	2.2	11.9	33.0	8.0	10
	00 - 02	27.5	4.7	2.2	.2	.0	.2	.0	.1	.0	.9	7.2	27.5	5.9	10
	03 - 05	31.4	6.4	3.4	1.3	.0	.6	.0	.3	.6	1.6	10.0	32.8	7.4	10
CIG	06 - 08	39.3	9.7	5.5	3.8	.2	1.0	.6	.2	2.0	4.2	13.8	35.2	9.6	10
LT 1000 FT	09 - 11	32.4	8.6	3.8	.7	.1	.0	.0	.1	.4	1.8	12.8	32.9	7.8	10
AND/OR	12 - 14	19.1	2.4	1.0	.6	.0	.0	.0	.0	.3	.3	5.9	20.5	4.2	10
VSBY	15 - 17	14.3	.6	.1	.2	.0	.0	.0	.0	.3	.0	3.3	16.6	2.9	10
LT 2 MI	18 - 20	15.6	1.8	.1	.2	.0	.0	.0	.0	.2	.5	2.9	17.2	3.2	10
	21 - 23	20.8	3.0	1.1	.3	.0	.0	.0	.0	.1	.8	3.8	22.7	4.4	10
	ALL	25.0	4.6	2.1	.9	.0	.2	.1	.1	.5	1.3	7.5	25.7	5.7	10
	00 - 02	13.2	3.1	.6	.0	.0	.0	.0	.0	.0	.3	3.6	11.9	2.7	10
	03 - 05	15.5	3.3	.5	.1	.0	.0	.0	.0	.0	.4	5.1	13.5	3.2	10
CIG	06 - 08	14.4	3.5	1.5	.3	.0	.0	.0	.2	.0	1.2	5.1	15.7	3.5	10
LT 200 FT	09 - 11	7.5	1.9	.1	.0	.0	.0	.0	.0	.0	.1	1.1	9.2	1.7	10
AND/OR	12 - 14	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.1	10
VSBY	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.1	10
LT 1/2 MI	18 - 20	2.5	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	5.9	.8	10
	21 - 23	7.1	1.4	.0	.0	.0	.0	.0	.0	.0	.2	.7	9.9	1.6	10
	ALL	7.6	1.7	.3	.1	.0	.0	.0	.0	.0	.3	1.9	8.6	1.7	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : 0

PREPARED BY: USAFETAC, MAY 1987

STATION NAME: MCCLELLAN AFB CA
LOCATION: N38 40 W121 24

PERIOD: NOV 39-OCT 86
ELEV: 76 FT

STN LTRS: KMCC
WBAN NO: 724836

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDERSTORMS	PCPN	VSBY < 7MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 90	MIN ≤ 40	MIN ≤ 32
JAN	53	39	46	75	21	4.1	11.3	.3	5.0	8	8	8	88	78	.26	41	450	SSE	4	66	8	10	5	8	0	8	21	0	0	18	6
FEB	60	42	51	78	26	3.6	12.7	.2	5.0	8	1	1	83	65	.28	43	500	SSE	5	60	6	9	2	8	0	1	12	0	0	10	2
MAR	64	44	54	84	27	2.9	9.9	#	2.4	#	#	#	79	59	.29	44	500	SSE	5	66	6	9	2	0	0	1	6	0	0	6	1
APR	71	47	59	95	33	1.7	5.4	.0	2.8	#	#	#	72	46	.29	44	350	S	5	55	5	5	1	0	0	1	3	0	#	2	0
MAY	79	52	66	107	36	.6	2.7	.0	2.4	0	0	0	64	35	.30	45	400	SSE	5	55	4	3	#	0	0	1	1	#	5	#	0
JUN	87	58	73	110	43	.1	.8	.0	.7	0	0	0	61	32	.35	49	400	S	6	56	3	1	#	0	0	#	#	3	12	0	0
JUL	94	61	78	115	48	.1	1.3	.0	1.2	0	0	0	61	31	.39	52	400	S	6	39	2	#	#	0	0	#	#	7	23	0	0
AUG	92	60	76	110	46	.1	.7	.0	.5	0	0	0	67	35	.40	53	400	SSE	6	32	3	#	#	0	0	#	#	4	20	0	0
SEP	87	58	73	111	41	.3	2.3	.0	2.0	0	0	0	70	38	.38	51	400	SSE	5	40	3	1	#	0	0	1	2	2	12	0	0
OCT	77	52	64	102	31	1.1	6.6	.0	3.6	0	0	0	77	44	.34	48	350	SSE	3	71	4	3	1	0	0	#	6	#	2	1	#
NOV	63	44	54	87	27	2.9	8.4	#	2.8	#	#	#	84	62	.29	44	450	SSE	3	55	6	#	2	0	0	#	16	0	0	#	1
DEC	54	40	47	76	19	3.4	15.8	.4	3.0	#	#	#	86	71	.25	40	400	SSE	4	65	7	9	2	#	0	#	21	0	0	14	4
ANN	73	50	62	115	19	20.9	15.8	.0	5.0	#	1	1	74	50	.31	46	500	SSE	5	71	5	58	13	#	0	5	88	16	74	61	14
8YR	47	47	47	47	47	47	47	47	47	41	41	41	10	10	10	10	10	10	10	40	10	47	47	41	41	41	41	47	47	47	47

REMARKS..
RUSSWO POR:
HOURLY OBS: NOV 76-OCT 86
SUMMARY OF DAY DATA: NOV 39-OCT 86

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM &RTR % PLVG. DRCTN Ø BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	44	12	4	1	1	1	1	0	1	3	18	41	11	
	03-05	49	13	6	3	2	3	2	1	2	4	21	47	13	
	06-08	56	19	10	5	2	3	2	1	5	*	30	51	16	
	09-11	52	16	10	4	2	1	#	#	3	4	24	45	13	
	12-14	42	11	8	3	1	#	0	0	1	1	17	36	10	
	15-17	32	10	4	1	0	0	#	0	#	1	14	33	8	
	18-20	30	9	2	1	#	0	0	0	0	1	12	31	7	
	21-23	37	10	2	1	1	#	0	0	#	2	14	36	9	
	ALL HRS	43	13	6	2	1	1	1	#	2	3	19	40	11	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	40	9	2	1	0	1	#	0	1	2	17	38	9	
	03-05	45	10	4	1	1	2	1	#	2	3	19	44	11	
	06-08	52	16	6	3	1	2	1	#	3	5	28	48	14	
	09-11	48	13	4	1	#	#	0	#	1	3	21	43	11	
	12-14	37	7	2	1	0	0	0	0	1	1	13	32	8	
	15-17	28	6	1	#	0	0	0	0	#	1	11	29	6	
	18-20	27	6	2	#	0	0	0	0	0	1	10	27	6	
	21-23	33	7	1	1	#	0	0	0	#	1	12	33	7	
	ALL HRS	39	9	3	1	#	1	#	#	1	2	16	37	9	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	35	6	1	#	0	#	0	0	#	1	11	32	7	
	03-05	40	7	3	#	#	1	#	#	1	2	14	39	9	
	06-08	47	12	5	2	#	1	#	#	2	3	24	42	12	
	09-11	40	10	3	1	#	0	0	0	1	1	17	36	9	
	12-14	27	4	1	#	0	0	0	0	#	#	9	24	5	
	15-17	17	3	1	0	0	0	0	0	#	1	7	20	4	
	18-20	21	3	1	#	0	0	0	0	0	1	7	20	4	
	21-23	26	5	1	#	0	0	0	0	0	1	#	27	6	
	ALL HRS	32	6	2	#	#	#	#	#	1	1	12	30	7	10
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	12	2	#	0	0	0	0	0	0	#	4	11	2	
	03-05	17	4	1	0	0	0	0	0	0	#	6	14	4	
	06-08	18	4	2	#	0	0	0	0	#	1	7	17	4	
	09-11	9	3	#	0	0	0	0	0	#	#	2	12	2	
	12-14	1	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	#	0	0	0	0	0	0	0	0	0	0	1	#	
	18-20	3	#	0	0	0	0	0	0	0	#	#	4	1	
	21-23	7	1	0	0	0	0	0	0	0	#	1	#	1	
	ALL HRS	#	2	#	#	0	0	0	0	#	#	3	9	2	10

AWS CLIMATIC BRIEF

MOFFETT FIELD NAS/MOUNTAIN VIEW, CALIFORNIA PERIOD: 1945-70 WBAN # 23244
Prepared by ETAC (OCT 1971) N 37 25 W 122 03 FIELD ELEVATION: 34 ft WMO # 74509 STN LTRS: KNUQ

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN				PRESSURE ALTITUDE (FEET)	MEAN NUMBER OF DAYS						TEMPERATURE (°F)				MEAN CLDNS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (PEAK GUST)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	99.95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	
JAN	76	56	40	21	2.9	2.3	#	2	SE	5	56	85	66	41	.26	350	10	2	#	#	#	13	0	0	4	0	6
FEB	75	60	43	26	1.9	1.5	0	0	SE	5	56	85	63	43	.28	350	9	1	0	0	#	10	0	0	1	0	6
MAR	83	62	44	30	1.9	1.3	#	#	NNW	6	44	82	58	43	.28	350	9	1	0	0	#	4	0	#	#	0	5
APR	87	66	47	32	1.1	1.2	0	0	NNW	6	43	83	57	46	.31	300	5	1	0	0	#	4	0	2	#	0	5
MAY	98	68	50	38	0.4	0.7	0	0	NNW	6	38	83	58	49	.35	300	3	#	0	0	#	3	#	2	0	0	4
JUN	104	73	54	43	0.1	0.4	0	0	NNW	7	40	83	58	52	.39	300	1	0	0	0	0	2	1	4	0	0	4
JUL	95	73	56	45	#	0.3	0	0	NNW	6	30	86	62	55	.44	250	#	0	0	0	#	6	#	4	0	0	3
AUG	96	73	56	47	#	0.2	0	0	NNW	6	31	86	61	56	.45	250	1	0	0	0	#	8	#	4	0	0	3
SEP	96	75	55	41	0.2	2.0	0	0	NNW	5	33	82	55	54	.42	300	1	#	0	0	#	8	2	7	0	0	3
OCT	92	71	51	33	0.6	2.5	0	0	NNW	5	48	81	54	50	.36	250	3	#	0	0	0	10	#	4	0	0	4
NOV	87	64	46	29	1.7	2.8	0	0	NNW	4	46	84	60	46	1	300	7	1	0	0	#	12	0	#	1	0	5
DEC	76	57	42	27	2.5	2.2	0	0	SE	5	54	86	67	42	.27	400	9	2	0	0	#	15	0	0	2	0	6
ANN	104	67	49	21	13.3	2.8	#	2	NNW	5	56	84	60	48	.34	400	58	8	#	#	#	95	3	27	8	0	4
EYR	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	22

REMARKS:

SNOS (NAVY) POR: Hrly and Daily Obs: 4503-7012.

NOTE: **DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	22	21	17	14	24	27	38	37	24	23	22	29	25	
	03-05	28	27	21	23	32	35	48	48	36	28	27	33	32	
	06-08	32	32	24	26	34	34	50	51	42	34	32	39	36	
	09-11	33	31	20	18	20	15	14	20	24	30	33	38	25	
	12-14	26	22	12	9	7	4	1	2	3	13	23	30	13	
	15-17	21	16	11	6	4	3	#	1	2	7	17	24	9	
	18-20	20	16	10	6	6	4	1	2	2	9	16	22	10	
	21-23	20	16	12	10	15	14	15	19	12	16	18	23	16	
	ALL HOURS	25	22	16		18	17	21	23	18	20	23	30	21	26
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	14	11	5	6	11	15	33	32	18	16	16	21	17	
	03-05	18	16	8	10	15	19	42	41	27	21	19	23	22	
	06-08	21	20	10	13	15	15	41	42	32	26	24	29	24	
	09-11	23	20	6	5	4	3	9	12	15	22	27	30	15	
	12-14	14	9	2	2	1	#	#	#	2	8	15	20	6	
	15-17	10	5	1	#	#	#	0	0	1	4	11	15	4	
	18-20	11	5	2	#	1	1	#	1	1	5	10	14	4	
	21-23	12	6	3	3	5	6	12	15	8	10	11	16	9	
	ALL HOURS	16	12	4	5	6	7	17	18	13	14	17	21	13	26
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	9	8	3	3	5	7	22	21	10	10	9	13	10	
	03-05	12	12	4	6	7	9	28	28	17	15	13	16	14	
	06-08	16	15	5	7	7	6	22	25	20	18	17	22	15	
	09-11	15	13	3	2	1	#	2	3	5	11	16	21	8	
	12-14	7	4	#	0	#	0	0	0	#	2	6	10	2	
	15-17	4	1	#	0	#	0	0	0	#	1	4	6	1	
	18-20	4	2	#	0	0	#	0	1	1	2	4	7	2	
	21-23	6	3	1	1	2	2	7	9	4	5	5	9	5	
	ALL HOURS	9	7	2	2	3	3	10	11	7	8	9	13	7	26
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	3	#	0	0	0	0	0	0	#	0	5	1	
	03-05	6	5	#	#	0	0	0	#	1	0	5	7	2	
	06-08	9	8	1	1	0	0	0	#	1	4	7	10	3	
	09-11	5	3	#	0	0	0	0	0	0	1	3	5	1	
	12-14	#	0	0	0	0	0	0	0	0	0	#	1	#	
	15-17	1	0	0	0	0	0	0	0	0	0	#	1	#	
	18-20	1	#	0	0	0	0	0	0	0	0	#	1	#	
	21-23	1	1	#	0	0	0	0	0	0	0	1	2	#	
	ALL HOURS	3	3	#	#	0	0	0	#	#	1	2	4	1	26

A W S	STATION NAME: NORTON AFB CA	FIELD ELEV: 1157 FT
	LATITUDE/LONGITUDE: 34 06 N 117 14 W	STATION MSC: 722866
CLIMATIC BRIEF	HOURLY OBS POR: APR 80 - MAR 90	CALL SIGN: KSBD
	SUMMARY OF DAY POR: MAY 43-MAR 90	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: APR 86
NOV 90	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	91	93	99	102	111	113	112	112	113	109	96	88	113	48
MEAN MAX TEMP (F)	64	66	68	73	79	86	95	94	90	81	72	65	78	48
MEAN TEMP (F)	51	54	56	60	65	71	78	78	75	67	58	52	64	48
MEAN MIN TEMP (F)	39	41	43	47	52	56	61	61	59	52	44	39	49	48
EXTRM MIN TEMP (F)	20	25	26	32	34	40	47	46	42	31	27	24	20	48
D/W TEMP GE 100 (F)	0	0	0	#	1	2	6	6	5	1	0	0	21	48
D/W TEMP GE 90 (F)	#	#	1	2	5	13	26	24	17	7	1	0	96	48
D/W TEMP LT 40 (F)	18	12	8	3	1	0	0	0	0	1	7	16	66	48
D/W TEMP LT 33 (F)	5	2	1	#	0	0	0	0	0	#	1	3	12	48
HEATING DEGREE DAYS	408	306	281	155	62	10	0	#	1	41	208	374	1846	47
COOLING DEGREE DAYS	#	1	4	32	85	214	417	417	310	110	12	#	1602	47
MEAN DEWPOINT TEMP (F)	32	36	41	44	49	53	56	57	54	47	37	33	45	10
MEAN WET BULB TEMP (F)	43	45	49	52	56	61	64	64	61	56	48	43	54	10
99.95% WCPA (FT)	1350	1350	1400	1350	1350	1350	1300	1350	1350	1350	1350	1350	1400	10
MEAN REL HUM 07 LST(%)	63.2	66.1	71.0	68.0	69.9	68.8	64.7	66.8	65.1	66.4	61.9	62.5	66.2	10
MEAN REL HUM 13 LST(%)	36.6	38.6	44.2	38.3	39.5	36.7	29.8	32.2	35.0	36.5	36.8	36.9	36.7	10
MAX 24HR PRECIP (IN)	4.03	2.30	2.22	1.58	1.54	.48	.34	1.86	3.31	1.59	3.79	3.93	4.03	48
MAX PRECIP (IN)	11.23	10.46	8.11	4.79	2.52	.65	.42	2.24	3.86	3.00	8.01	7.75	28.79	48
MEAN PRECIP (IN)	2.44	2.23	2.08	1.13	.37	.06	.05	.16	.37	.49	1.47	1.89	12.72	48
MIN PRECIP (IN)	.00	.00	#	#	#	.00	.00	.00	.00	.00	.00	.00	3.20	48
D/W PRECIP GE .01 (IN)	6	5	7	4	2	1	1	1	1	2	4	5	39	48
D/W PRECIP GT .50 (IN)	2	2	1	1	1	0	0	#	1	1	1	1	11	48
MAX 24HR SNFL (IN)	6.5	#	.6	#	0	0	0	0	0	#	#	2.0	6.5	48
MAX SNFL (IN)	7.9	#	.6	#	0	0	0	0	0	#	#	2.0	7.9	48
MEAN SNFL (IN)	.3	#	#	#	0	0	0	0	0	#	#	#	.3	48
D/W SNFL GE .1 (IN)	#	0	#	0	0	0	0	0	0	0	0	#	#	48
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	#	#	48
MAX DLY SNO DEPTH (IN)	3	#	#	0	0	0	0	0	0	0	0	#	3	48
PRVLNG WND DIR (DEG)	$05-07	$23-25	$23-25	$23-25	$23-25	$23-25	$23-25	$23-25	$23-25	$23-25	$23-25	$05-07	$23-25	10
MEAN WND SPD (KTS)	3	3	3	3	3	3	3	3	3	2	2	2	3	10
MAX WND SPD (KTS)	69	55	47	47	40	48	39	56	60	57	52	64	69	48
SKY COVER GT 5/10 (%)	40.1	46.8	49.2	43.3	44.0	29.5	17.2	18.2	28.5	35.6	37.6	39.6	35.7	10
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	48
D/W FOG (VSBY LT 7 MI)	8	9	13	12	15	14	8	10	11	13	8	7	128	48

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	14.0	16.1	22.7	16.6	26.0	20.4	4.0	6.3	15.7	26.8	19.8	11.6	16.7	10
	03 - 05	13.4	18.4	23.1	24.4	39.7	37.1	11.4	14.1	23.7	31.9	19.6	11.1	22.3	10
CIG	06 - 08	12.8	19.6	23.5	29.9	44.1	50.1	25.9	25.5	27.3	31.9	19.9	10.8	26.8	10
LT 3000 FT	09 - 11	10.4	15.6	17.2	18.7	30.5	35.1	17.5	17.3	18.6	25.1	16.3	9.0	19.3	10
AND/OR	12 - 14	8.5	9.7	11.9	11.1	13.2	15.7	4.0	4.2	7.4	14.6	12.6	6.8	10.0	10
VSBY	15 - 17	9.4	9.8	9.6	6.8	4.3	3.9	.3	1.0	2.9	14.3	12.4	8.1	6.9	10
LT 3 MI	18 - 20	10.2	9.8	10.6	5.1	4.4	2.3	.3	.8	3.4	12.7	12.8	9.0	6.8	10
	21 - 23	11.3	13.5	16.1	8.4	9.9	6.2	.8	1.8	7.8	16.8	17.1	9.9	10.0	10
	ALL	11.2	14.1	16.8	15.1	21.5	21.4	8.0	8.9	13.3	21.8	16.3	9.5	14.8	10
	00 - 02	8.3	10.4	11.8	10.4	13.1	11.1	2.3	2.8	10.7	21.2	14.0	5.8	10.2	10
	03 - 05	7.2	9.8	12.4	15.1	27.4	29.6	10.0	10.1	17.6	25.4	13.3	5.9	15.3	10
CIG	06 - 08	8.6	12.5	16.3	21.6	34.5	42.4	23.9	22.6	21.9	27.7	15.0	8.1	21.3	10
LT 1500 FT	09 - 11	8.1	10.2	13.8	15.4	25.7	30.0	17.0	15.9	15.3	21.6	13.2	6.7	16.1	10
AND/OR	12 - 14	6.0	6.5	9.1	9.8	12.8	13.9	3.9	4.0	6.6	14.0	9.9	4.3	8.4	10
VSBY	15 - 17	6.8	6.6	7.3	5.8	4.2	3.0	.3	1.0	2.3	14.0	10.4	5.3	5.6	10
LT 3 MI	18 - 20	6.5	6.4	6.1	4.2	3.3	1.2	.2	.6	2.8	12.2	9.3	4.2	4.7	10
	21 - 23	6.2	7.4	7.4	4.2	4.2	2.4	.4	.2	4.7	13.0	11.4	4.5	5.5	10
	ALL	7.2	8.7	10.5	10.8	15.7	16.7	7.2	7.2	10.2	18.6	12.1	5.6	10.9	10
	00 - 02	3.8	5.0	5.8	4.4	4.1	1.1	.5	.4	2.7	9.7	7.0	2.9	3.9	10
	03 - 05	4.3	5.6	7.8	9.2	15.1	12.0	4.1	2.4	7.9	13.4	7.2	2.8	7.6	10
CIG	06 - 08	5.3	6.4	8.1	12.8	19.9	18.2	7.6	7.7	10.8	16.2	8.4	4.1	10.5	10
LT 1000 FT	09 - 11	4.8	5.1	5.8	6.6	8.9	7.7	1.4	2.4	4.1	10.4	7.0	3.0	5.6	10
AND/OR	12 - 14	3.9	2.6	3.7	2.0	2.0	2.2	.0	.2	.4	6.6	4.1	1.6	2.4	10
VSBY	15 - 17	3.4	2.5	2.3	.8	.8	.0	.0	.2	.0	5.1	4.4	1.7	1.8	10
LT 2 MI	18 - 20	4.2	2.7	1.7	.4	.6	.0	.0	.1	.8	5.3	3.4	2.4	1.8	10
	21 - 23	4.3	3.5	3.1	1.2	.4	.2	.1	.0	.9	6.0	5.1	2.3	2.3	10
	ALL	4.2	4.2	4.8	4.7	6.5	5.2	1.7	1.7	3.4	9.1	5.8	2.6	4.5	10
	00 - 02	.4	.1	.4	.1	.0	.0	.0	.0	.0	.5	.7	.0	.2	10
	03 - 05	1.2	.4	1.2	1.0	.2	.2	.0	.0	.3	3.2	1.9	.3	.8	10
CIG	06 - 08	1.9	1.4	1.4	2.0	.8	.0	.0	.0	.9	4.6	1.9	.5	1.3	10
LT 200 FT	09 - 11	1.8	.5	.3	.1	.1	.0	.0	.0	.0	.6	.4	.4	.3	10
AND/OR	12 - 14	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
VSBY	15 - 17	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 23	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.8	.3	.4	.4	.1	.0	.0	.0	.2	1.1	.6	.2	.3	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

PREPARED BY USAFETAC
OCTOBER 1979

STATION NAME Oakland INTL, California
LOCATION N37 43 W122 13

PERIOD Varied
ELEV 6 FT

STN LTRS OAK
WBAN NO 23230
WMO NO 724930

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 16	MEAN VAPOR PRESSURE (IN Hg)	MEAN PRESSURE ALTITUDE (FT)	MEAN DEW PT (°F)	SURFACE WINDS PVLG DRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (KT)	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER	FOG ≤ 1/4	TEMPERATURE MAX ≥ 90	MIN ≤ 32	MIN ≤ 0
JAN	55	43	49	75	24	4.0	8.9	0.3	3.4	#	#	#	83	71	.26	41	33C	SE	6	40	6	11	2	0	0	#	11	0	0	#	0
FEB	58	46	52	82	25	2.8	8.9	#	2.4	#	1	1	82	69	.27	42	600	W	6	43	6	10	2	#	0	#	8	0	#	#	0
MAR	60	47	54	85	32	2.3	5.7	#	2.8	#	#	#	80	66	.27	42	550	W	8	39	6	9	1	0	0	#	4	0	#	#	0
APR	63	49	56	88	31	1.6	4.6	#	2.2	0	0	0	80	63	.30	45	450	W	9	30	5	6	1	0	0	#	2	0	1	#	0
MAY	65	52	59	98	36	0.6	3.4	#	1.5	0	0	0	83	65	.34	48	400	W	9	33	5	3	#	0	0	#	2	#	2	0	0
JUN	69	55	62	107	41	0.1	1.2	0.0	1.0	0	0	0	85	67	.38	51	350	W	9	37	4	1	#	0	0	#	1	1	3	0	0
JUL	70	56	63	102	46	#	0.8	0.0	0.8	0	0	0	87	67	.40	53	300	WNW	8	24	4	#	#	0	0	#	2	#	3	0	0
AUG	70	57	64	95	47	#	0.7	0.0	0.4	0	0	0	87	68	.40	53	250	WNW	8	25	4	1	#	0	0	#	2	#	1	0	0
SEP	72	57	65	102	43	0.2	3.3	0.0	3.2	0	0	0	83	65	.40	53	300	WNW	7	29	4	1	#	0	0	#	1	1	3	0	0
OCT	69	52	61	95	34	1.1	8.6	#	5.5	0	0	0	81	64	.35	49	350	WNW	6	37	4	4	1	0	0	#	6	#	1	0	0
NOV	62	49	55	86	27	2.4	7.4	0.0	2.7	0	0	0	82	69	.29	44	400	WNW	5	40	6	7	2	0	0	#	10	0	#	#	0
DEC	56	44	50	74	23	3.6	11.3	0.3	3.2	#	#	#	82	71	.26	41	350	E	6	42	6	10	2	0	0	#	12	0	0	1	0
ANN	64	51	57	107	23	18.7	11.3	0.0	5.5	#	1	1	83	67	.32	47	400	W	7	43	5	63	11	#	0	#	64	2	14	1	0
YR	30	30	30	49	49	30	49	49	49	30	49	49	14	14	12	12	40	21	30	29	34	47	30	30	30	47	30	14	30	14	14

REMARKS Source:
1. Local Climatalogical Data; POR: 1929 - 1977
2. Revised Uniform Summary of Surface Weather Observations; POR: 1948-1977
3. Climatic Data Summary; POR: Unknown
4. World-Wide Airfield Summary; POR: Unknown
5. USAFETAC DATSAV POR JUL 73 - DEC 78

NOTE: #AMTS< UNITS SHOWN IN HEADING

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBLITY LESS THAN 3 MI	00-02	18	21	25	14	38	39	48	48	47	20	18	20	30	
	03-05	20	26	30	22	45	46	62	63	61	29	19	21	37	
	06-08	19	25	28	28	40	45	67	67	66	32	19	23	38	
	09-11	20	19	22	19	18	29	34	34	45	18	15	23	25	
	12-14	10	17	13	10	5	8	11	10	10	7	12	21	11	
	15-17	8	14	11	6	4	7	6	6	4	3	9	16	8	
	18-20	10	16	16	11	11	18	15	20	15	8	10	12	14	
	21-23	13	21	18	14	23	30	31	36	32	14	13	15	22	
S	ALL HRS	15	20	20	15	23	28	34	36	35	16	14	19	23	4
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	11	10	8	5	25	28	39	39	38	11	9	14	20	
	03-05	13	11	12	11	31	31	52	50	47	12	7	15	24	
	06-08	11	11	11	11	21	26	52	53	49	16	11	17	24	
	09-11	11	10	4	5	6	8	19	20	29	8	7	19	12	
	12-14	3	6	1	2	2	2	2	5	5	3	5	18	5	
	15-17	4	5	2	2	2	2	2	4	2	#	3	12	3	
	18-20	3	5	3	3	7	10	10	15	11	2	6	6	7	
	21-23	6	7	3	5	18	20	25	28	25	5	3	10	13	
S	ALL HRS	8	8	6	5	14	16	25	27	26	7	6	14	14	4
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	5	6	4	1	8	7	24	22	19	4	5	9	10	
	03-05	9	7	4	3	13	10	34	29	30	8	4	10	13	
	06-08	8	7	4	5	5	5	29	26	29	10	8	14	13	
	09-11	7	5	3	3	1	0	6	6	10	4	2	11	5	
	12-14	1	1	#	#	0	0	0	#	#	1	0	8	1	
	15-17	3	2	0	1	0	0	0	0	0	#	1	6	1	
	18-20	2	1	2	#	3	2	5	7	6	0	2	3	3	
	21-23	3	4	1	3	7	5	16	14	14	1	2	6	6	
S	ALL HRS	5	4	2	2	5	4	14	13	13	4	3	8	7	4
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN ½ MI	00-02	1	0	#	0	0	0	0	0	0	0	1	2	#	
	03-05	1	0	1	0	0	0	0	0	0	#	2	2	1	
	06-08	2	0	1	0	0	0	0	0	0	2	4	5	1	
	09-11	3	0	#	0	0	0	0	0	0	1	1	4	1	
	12-14	0	0	0	0	0	0	0	0	0	0	0	#	#	
	15-17	0	0	0	0	0	0	0	0	0	0	0	1	#	
	18-20	0	0	0	0	0	0	0	0	0	0	#	1	#	
	21-23	1	0	0	0	0	0	0	0	0	0	0	1	#	
S	ALL HRS	1	0	#	0	0	0	0	0	0	#	1	2	#	4

AWS CLIMATIC BRIEF

OAKLAND APT., CALIFORNIA — PERIOD 1944-67B — WBAN # 23136 — WMO #

Prepared by ETAC (APR 1971) — N 34 13 W 119 05 — ELEVATION: 94 ft — STN LTRS: KOAP

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	TEMPERATURE (°F) MEAN DAILY MAXIMUM	TEMPERATURE (°F) MEAN DAILY MINIMUM	TEMPERATURE (°F) EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	PRECIPITATION (in) MAXIMUM IN 24 HOURS	PRECIPITATION (in) MEAN SNOWFALL	PRECIPITATION (in) MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	WIND (KT) MEAN SPEED	WIND (KT) EXTREME SPEED (PEAK GUST)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	MEAN CLDS (Tenths)
JAN	87	64	41	25	2.5	4.2	#	#	ENE	5	47	71	50	38	.23	300	5	2	0	0	1	11	0	2	2	0	4
FEB	89	65	43	30	2.7	4.2	0	0	ENE	5	44	77	51	41	.26	350	5	1	0	0	#	10	0	1	1	0	4
MAR	89	65	43	30	1.4	2.0	0	0	WSW	5	43	82	56	44	.29	350	5	1	0	0	#	11	0	1	#	0	5
APR	97	67	46	31	1.3	2.0	0	0	WSW	5	36	87	57	47	.32	300	3	1	0	0	#	13	#	2	#	0	5
MAY	95	68	49	36	0.1	0.4	0	0	WSW	5	36	88	58	50	.36	300	1	0	0	0	0	11	#	1	0	0	5
JUN	101	71	53	42	0.1	0.6	0	0	WSW	4	23	90	62	54	.42	350	1	#	0	0	0	16	#	1	0	0	5
JUL	94	75	57	45	#	#	0	0	WSW	4	22	91	62	57	.47	300	#	0	0	0	#	21	#	4	0	0	4
AUG	96	76	57	46	#	0.1	0	0	WSW	4	21	91	63	59	.50	300	#	0	0	0	#	23	#	4	0	0	4
SEP	105	76	55	43	0.1	0.6	0	0	WSW	4	32	89	59	57	.47	350	1	#	0	0	#	20	1	7	0	0	4
OCT	101	74	51	35	0.1	0.5	0	0	WSW	4	44	82	54	51	.38	350	1	#	0	0	#	17	2	5	0	0	4
NOV	97	69	45	31	1.9	1.7	0	0	ENE	5	50	75	51	43	.28	300	4	1	0	0	#	13	1	4	#	0	4
DEC	93	67	43	27	1.5	2.2	0	0	ENE	6	45	66	47	37	.22	350	4	1	0	0	#	11	#	2	1	0	4
ANN	105	70	49	25	11.7	4.2	#	#	WSW	4	50	82	56	48	.34	350	30	7	0	0	1	177	4	34	4	0	4
EYR	15	15	15	15	15	15	15	15	16	16	10	16	16	16	16	14	15	15	15	15	14	14	15	15	15	15	15

REMARKS

RUSSMO POR: Hrly Obs: Apr 44 - Jul 45, Dec 52 - Dec 67, Daily Obs: Apr 44 - Jul 45, Dec 52 - Dec 66

NOTE; ::DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	18	22	20	26	30	44	50	48	41	37	24	18	32	
	03 - 05	19	22	23	31	37	54	64	61	48	39	24	17	37	
	06 - 08	19	22	24	31	39	56	65	62	50	43	24	19	38	
	09 - 11	17	19	21	26	32	41	34	34	33	31	20	16	27	
	12 - 14	16	17	15	17	20	20	12	11	16	19	16	13	16	
	15 - 17	14	16	13	15	14	16	8	10	15	17	14	13	14	
	18 - 20	16	17	14	20	19	23	22	22	23	25	16	16	19	
	21 - 23	19	18	17	22	24	34	34	33	34	32	21	17	25	
	ALL HOURS	17	19	18	24	27	36	36	35	32	30	20	16	26	16
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	13	16	14	19	23	39	49	47	38	34	20	15	27	
	03 - 05	14	16	14	24	28	45	62	57	43	35	21	15	31	
	06 - 08	14	17	17	23	26	43	61	56	45	38	20	16	31	
	09 - 11	12	14	11	12	15	22	27	26	24	24	15	13	18	
	12 - 14	10	11	6	6	7	8	8	7	9	14	11	10	9	
	15 - 17	9	11	6	7	6	6	6	8	9	13	9	10	8	
	18 - 20	12	14	8	13	12	16	21	22	21	22	11	12	15	
	21 - 23	14	14	12	16	18	28	33	32	33	29	16	14	22	
	ALL HOURS	12	14	11	15	17	26	34	32	28	26	15	13	20	16
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	10	12	9	14	16	31	45	40	31	29	14	11	22	
	03 - 05	10	12	11	19	20	35	58	49	36	29	15	11	25	
	06 - 08	10	13	12	16	18	32	51	44	35	30	16	12	24	
	09 - 11	8	10	6	5	6	9	10	12	12	13	8	9	9	
	12 - 14	6	7	2	3	2	2	2	2	2	6	5	5	4	
	15 - 17	5	6	3	3	2	2	2	3	3	6	5	6	4	
	18 - 20	9	9	4	8	7	10	15	15	14	16	7	8	10	
	21 - 23	10	9	6	10	11	21	29	25	24	23	9	10	16	
	ALL HOURS	8	10	7	10	10	18	26	24	20	19	10	9	14	16
CIG less than 200 feet and/or VSBY less than ¼ mile	00 - 02	3	4	3	5	2	5	9	10	11	11	5	4	6	
	03 - 05	3	4	3	7	3	6	14	17	15	12	5	4	8	
	06 - 08	3	3	4	3	2	2	6	10	9	11	4	4	5	
	09 - 11	1	1	#	#	#	0	#	#	0	1	1	1	#	
	12 - 14	#	0	#	#	#	0	0	0	0	#	#	#	#	
	15 - 17	1	#	0	0	0	#	#	0	0	0	#	#	#	
	18 - 20	1	#	#	1	#	#	#	#	1	2	1	2	1	
	21 - 23	3	2	1	3	1	2	2	3	4	7	3	3	3	
	ALL HOURS	2	2	2	2	1	2	4	5	5	5	2	2	3	16

PREPARED BY USAFETAC
OCTOBER 1979

STATION NAME PALMDALE APT, CALIFORNIA
LOCATION N34 38 W118 05

PERIOD OF RECORD NOV 48-AUG 73 B
ELEV 2538 FT

STN LTRS PMD
WBAN NO 23182
WMO NO 723820

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOW FALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99-958	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT)	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOW FALL ≥ 0.1	SNOW FALL ≥ 1.5	THUNDER STORMS	FOG	TEMPERATURE MAX ≥ 90	TEMPERATURE MAX ≥ 80	TEMPERATURE MIN ≤ 32	TEMPERATURE MIN ≤ 0
JAN	57	29	43	81	3	1.1	3.7	0	1.5	2	25	11	73	40	.14	26	2850	SW	7	33	3	4	1	1	0	0	2	0	0	21	0
FEB	62	32	47	81	11	0.8	3.8	0	1.3	0	1	1	72	33	.16	29	2850	SW	8	33	3	4	0	0	0	0	2	0	0	15	0
MAR	66	36	51	87	16	0.6	2.8	0	1.2	0	2	2	68	32	.17	30	2900	SW	10	40	3	4	0	0	0	0	1	0	2	10	0
APR	73	41	58	96	26	0.4	1.8	0	0.9	0	0	0	64	26	.20	34	2800	SW	11	33	3	3	0	0	0	0	0	1	9	2	0
MAY	91	49	65	104	30	0.1	0.3	0	0.3	0	0	0	59	23	.12	37	2800	SW	11	33	2	1	0	0	0	0	0	7	19	0	0
JUN	91	56	74	113	37	0	0.5	0	0.3	0	0	0	51	19	.14	39	2750	SW	11	33	1	0	0	0	0	0	0	18	26	0	0
JUL	99	64	82	112	47	0.1	0.7	0	0.6	0	0	0	39	15	.16	41	2700	SW	10	33	1	1	0	0	0	0	0	30	31	0	0
AUG	98	62	80	109	44	0.1	1.8	0	1.6	0	0	0	44	16	.17	42	2700	SW	9	33	1	1	0	0	0	0	1	28	31	0	0
SEP	91	55	73	109	34	0.2	1.8	0	0.7	0	0	0	49	18	.14	39	2750	SW	8	33	1	1	0	0	0	0	1	19	27	0	0
OCT	79	45	62	100	18	0.2	1.5	0	0.8	0	0	0	56	23	.20	34	2750	SW	7	33	2	1	0	0	0	0	1	4	17	2	0
NOV	66	35	51	86	4	0.9	4.9	0	2.5	1	12	12	67	33	.17	30	2800	SW	7	33	3	3	1	0	1	0	1	0	2	12	0
DEC	57	29	43	85	6	0.7	3.0	0	1.3	1	10	6	73	38	.15	27	2850	SW	7	33	3	3	0	0	0	0	2	0	0	23	0
ANN	77	44	61	113	3	5.2	4.9	0	2.5	4	25	12	60	26	.20	34	2850	SW	9	40	2	26	2	1	0	0	9	107	164	85	0
YR	25	25	25	25	25	25	25	25	25	25	25	25	13	13	13	13	14	13	13	13	13	25	25	25	25	25	25	25	25	25	25

REMARKS SOURCE: REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

* DATA NOT AVAILABLE # MPHS < UNITS SHOWN IN HEADING **MAX HRLY WND SP CLASS (17) SA CALM DRCTN & PVLG DRCTN BASED ON FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	5	2	1	0	1	0	0	0	1	1	2	4	2	
	03-05	5	2	3	0	1	0	0	0	1	1	2	4	2	
	06-08	4	2	3	1	1	0	0	0	1	1	2	4	2	
	09-11	4	4	3	1	1	0	0	0	1	1	3	4	2	
	12-14	5	4	5	1	0	0	0	0	1	1	3	4	2	
	15-17	7	3	5	2	0	0	0	0	1	1	3	4	2	
	18-20	5	3	4	1	0	0	0	0	1	1	3	3	2	
	21-23	4	2	3	0	0	0	0	0	0	0	2	2	1	
	ALL HRS	5	3	4	1	1	0	0	0	1	1	2	4	2	13
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	2	1	1	0	0	0	0	0	1	0	0	2	1	
	03-05	2	1	1	0	0	0	0	0	1	0	1	1	1	
	06-08	2	1	1	0	0	0	0	0	1	0	1	2	1	
	09-11	2	1	1	0	0	0	0	0	0	0	1	1	1	
	12-14	2	1	1	0	0	0	0	0	0	1	1	2	1	
	15-17	2	1	2	1	0	0	0	0	0	0	1	1	1	
	18-20	3	0	1	0	0	0	0	0	0	0	0	2	1	
	21-23	3	1	1	0	0	0	0	0	0	0	0	1	1	
	ALL HRS	2	1	1	0	0	0	0	0	0	0	1	2	1	13
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	2	0	1	0	0	0	0	0	1	0	0	1	0	
	03-05	2	0	1	0	0	0	0	0	1	0	1	1	1	
	06-08	2	1	1	0	0	0	0	0	0	0	1	1	1	
	09-11	1	1	1	0	0	0	0	0	0	0	1	1	0	
	12-14	1	1	0	0	0	0	0	0	0	0	1	1	0	
	15-17	1	0	0	0	0	0	0	0	0	0	1	1	0	
	18-20	1	0	1	0	0	0	0	0	0	0	0	1	0	
	21-23	2	0	1	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	2	0	1	0	0	0	0	0	0	0	1	1	0	13
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN ½ MI	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	1	0	0	0	0	0	0	0	0	0	0	0	0	
	06-08	1	0	0	0	0	0	0	0	0	0	0	1	0	
	09-11	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	0	0	0	0	0	0	0	0	0	0	0	0	0	13

AWS CLIMATIC BRIEF

SAN CLEMENTE IS. ALF/FREDERICK SHERMAN FLD PERIOD: 1960-69 WBAN # 93117

Prepared by ETAC (FEB 1971) N 33 01 W 118 35 CALIF. ELEVATION: 191 ft WMO # STN LTRS KNUC

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDNS (TENTHS)
JAN	79	61	51	44	2.1	1.4	0	0	WNW	6	39	81	63	47	.32	400	8	1	0	0	0	10	0	0	0	0	5
FEB	78	61	51	44	0.9	1.0	0	0	WNW	6	44	83	68	48	.34	400	3	1	0	0	0	8	0	0	0	0	5
MAR	79	61	52	45	0.6	0.9	0	0	WNW	8	42	84	67	48	.34	350	4	#	0	0	#	8	0	0	0	0	5
APR	85	62	52	46	0.7	0.9	0	0	W	8	39	84	67	49	.35	350	6	#	0	0	0	6	0	1	0	0	5
MAY	85	63	55	49	#	0.2	0	0	W	8	34	85	69	52	.37	350	1	0	0	0	0	8	0	#	0	0	7
JUN	74	64	57	52	#	#	0	0	W	7	31	89	75	55	.44	350	1	0	0	0	0	13	0	0	0	0	8
JUL	85	67	59	54	0.1	0.4	0	0	W	7	24	92	76	56	.49	300	#	0	0	0	#	18	0	#	0	0	8
AUG	80	69	62	57	#	#	0	0	W	6	24	90	75	60	.52	350	#	0	0	0	#	15	0	#	0	0	7
SEP	102	70	61	56	0.3	1.0	0	0	W	6	29	88	72	59	.50	400	1	#	0	0	1	13	1	2	0	0	6
OCT	94	70	60	54	0.1	0.3	0	0	WNW	5	32	86	70	57	.47	350	1	0	0	0	#	13	1	2	0	0	5
NOV	90	65	56	41	1.8	1.4	#	#	WNW	6	39	85	70	53	.40	350	6	2	0	0	1	10	#	1	0	0	5
DEC	79	62	51	43	1.0	0.8	#	#	WNW	6	38	80	66	48	.34	450	6	1	0	0	#	13	0	0	0	0	4
ANN	102	65	55	41	7.6	1.4	#	#	W	7	44	86	70	53	.40	450	37	5	0	0	2	135	2	6	0	0	6
EYR	9	6	6	9	6	6	6	6	9	9	6	9	9	9	9	9	6	6	6	6	6	6	6	6	6	6	9

REMARKS

SMOS POR: HRLY OBS: APR 60-MAR 69
DAILY OBS: APR 63-MAR 69

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	28	24	31	35	60	76	74	71	52	37	29	20	45	6
	03-05	28	30	34	39	65	82	86	79	57	45	31	19	50	6
	06-08	34	36	39	45	62	85	85	79	65	52	39	31	54	9
	09-11	28	34	38	3[illegible]	[illegible]	77	69	64	54	41	35	27	46	9
	12-14	27	29	33	29	41	66	53	45	41	32	33	28	38	9
	15-17	26	29	28	31	45	66	60	52	41	32	29	25	39	9
	18-20	27	26	27	32	52	65	71	62	46	33	29	18	41	6
	21-23	27	21	27	29	54	69	68	65	48	35	31	19	41	6
	ALL HOURS	28	29	32	35	53	73	70	64	51	39	32	24	45	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	19	17	17	24	43	59	70	69	43	29	20	15	35	6
	03-05	19	20	17	25	44	62	82	76	48	35	22	15	39	6
	06-08	23	26	20	30	40	65	79	75	54	42	27	25	42	9
	09-11	17	23	19	22	31	58	63	59	40	32	22	20	34	9
	12-14	15	21	17	18	25	51	47	41	31	20	18	21	27	9
	15-17	17	18	16	22	27	50	55	49	37	24	18	18	29	9
	18-20	18	16	14	22	36	52	69	59	42	25	19	13	32	6
	21-23	17	13	14	22	38	54	64	62	43	27	21	15	33	6
	ALL HOURS	18	20	17	23	35	57	65	61	42	29	21	19	34	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	14	10	10	10	24	36	59	52	29	18	15	13	24	6
	03-05	14	13	12	10	24	38	68	59	30	23	14	11	26	6
	06-08	15	13	11	11	17	35	54	50	27	25	15	16	24	9
	09-11	11	12	9	10	13	26	37	31	16	22	11	11	17	9
	12-14	10	10	7	8	9	19	26	20	12	9	10	12	13	9
	15-17	11	11	9	10	13	22	33	31	17	13	9	13	16	9
	18-20	14	10	10	8	18	30	55	42	24	16	12	9	21	6
	21-23	13	10	9	9	22	37	54	46	26	17	14	13	23	6
	ALL HOURS	13	11	9	9	17	30	47	40	22	16	12	12	20	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	2	2	1	3	2	3	1	1	2	2	4	2	6
	03-05	3	4	3	1	3	2	4	2	1	3	2	1	2	6
	06-08	3	3	1	2	1	3	3	1	1	3	2	5	2	9
	09-11	3	1	1	1	0	#	1	#	#	2	1	4	1	9
	12-14	1	#	#	#	0	0	0	0	0	1	#	4	1	9
	15-17	2	2	#	1	#	0	0	0	0	2	2	5	1	9
	18-20	3	2	1	1	1	#	#	0	0	1	2	2	1	6
	21-23	4	1	2	2	2	#	2	1	#	1	2	4	2	6
	ALL HOURS	3	2	1	1	1	1	2	1	#	2	1	4	1	

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN CLEMENTE NALF, CA — STATION #: 722925 — ICAO: NUC
LOCATION: 3301N 11835W — ELEVATION (FEET): 180 — LST = GMT - 8
PREPARED BY: USAFETAC/ECO, MAR 1989 — PERIOD: 7301-8612

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1-2	83	79	86	83	86	90	86	88	102	88	82	79	102
MEAN DAILY MAX	1	62	62	63	65	66	69	71	72	72	70	66	62	67
MEAN	1	56	56	57	58	59	62	65	66	66	62	59	56	60
MEAN DAILY MIN	1	50	50	51	52	57	57	60	61	62	58	53	49	55
EXTREME MIN	1-2	24	17	34	42	46	50	50	54	54	46	35	35	32
# DAYS GE 90	1	0	0	0	0	0	#	0	0	1	0	0	0	1
# DAYS LE 32	1	#	#	0	0	0	0	0	0	0	0	0	0	#
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.6	4.1	1.8	2.5	0.3	0.3	0.4	#	1.7	0.3	5.3	2.1	*
MEAN	2	1.8	0.7	0.5	0.5	0.1	0.1	#	0.0	0.3	0.1	1.6	0.8	6.5
MINIMUM	2	0.9	#	#	#	#	#	#	0.0	0.0	#	#	0.1	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	8	7	9	6	4	3	2	2	4	3	6	6	60
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (5 LST)	1	83	86	86	85	86	88	88	88	88	87	85	86	86
RH (13 LST)	1	67	70	68	64	67	68	69	69	68	66	67	69	68
VAPOR PRESS	1	.35	.38	.37	.37	.41	.46	.50	.53	.53	.47	.41	.37	.43
DEWPOINT	1	48	50	50	50	53	56	58	60	60	57	52	49	54
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	$WNW	WNW	WNW	W	W	W	W	W	W	W	W	$W	W
MEAN SPEED (PVLG DRCTN)	1	9	8	10	8	8	7	7	7	7	6	7	6	8
MEAN SPEED (ALL OBS)	1	6	6	7	7	7	6	6	6	6	5	6	5	6
MAX PEAK GUST	1	42	40	42	45	38	29	24	23	29	37	54	40	54
PRESSURE ALT	1	530	710	760	430	370	400	390	390	500	390	470	450	760
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	5	5	6	6	5	4	4	4	5
DAYS TSTMS	1	#	#	#	#	#	0	#	#	1	#	#	#	3
DAYS FOG LT 7	1	10	11	7	7	10	10	11	9	10	10	9	12	115
DAYS BNBD LT 7	1	0	0	#	0	#	0	0	0	0	0	#	#	0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, HOURLY
2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE, POR 1963-1972

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	30	32	36	59	63	68	66	55	41	28	26	44
03-05 LST	26	33	31	40	65	69	77	76	58	44	28	29	48
06-08 LST	27	36	37	44	69	74	80	78	63	48	32	30	52
09-11 LST	27	33	36	36	59	64	64	63	55	41	30	28	45
12-14 LST	26	29	29	29	49	51	46	43	44	33	26	25	36
15-17 LST	26	27	29	28	49	52	50	45	44	34	24	21	36
18-20 LST	24	29	29	28	51	58	61	58	50	39	25	22	40
21-23 LST	22	30	30	31	53	60	62	61	48	37	24	24	40
ALL HOURS	25	31	31	34	57	61	63	61	52	40	27	26	42

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	25	22	28	49	55	65	62	48	33	23	21	38
03-05 LST	20	27	19	30	53	62	73	69	51	37	22	23	41
06-08 LST	21	28	25	34	52	65	74	70	52	37	26	24	42
09-11 LST	19	24	24	26	42	52	55	54	41	28	23	20	34
12-14 LST	19	21	19	20	35	40	40	36	33	23	19	18	27
15-17 LST	19	20	18	19	38	42	45	41	34	26	18	16	28
18-20 LST	19	23	19	20	41	51	58	55	42	32	21	18	33
21-23 LST	16	24	21	23	42	52	59	57	42	30	21	19	34
ALL HOURS	19	24	21	25	44	52	59	55	43	31	22	20	35

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	18	12	18	33	42	54	53	35	24	16	14	28
03-05 LST	15	20	9	20	35	44	59	58	38	27	16	16	30
06-08 LST	15	21	13	20	33	44	57	53	38	28	17	15	30
09-11 LST	12	17	12	15	25	32	36	35	28	20	14	13	22
12-14 LST	11	14	8	10	19	23	26	24	20	16	11	12	16
15-17 LST	14	14	8	11	22	28	33	29	23	19	10	11	19
18-20 LST	14	16	11	14	27	34	44	41	29	22	14	13	23
21-23 LST	11	17	11	15	28	37	49	47	30	22	15	12	25
ALL HOURS	13	17	11	15	28	36	45	42	30	22	14	13	24

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	2	2	2	3	3	1	1	2	3	4	3
03-05 LST	4	5	2	2	2	3	3	2	3	3	3	4	3
06-08 LST	4	5	2	3	2	3	3	1	2	3	2	4	3
09-11 LST	2	3	1	1	1	1	#	1	#	1	1	2	1
12-14 LST	2	2	#	#	#	#	#	#	#	#	#	1	1
15-17 LST	3	3	1	#	1	#	#	#	0	2	2	2	1
18-20 LST	3	5	1	1	1	2	1	1	1	2	3	2	2
21-23 LST	3	5	2	2	1	3	2	1	1	2	2	3	2
ALL HOURS	3	4	1	1	1	2	2	1	1	2	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN CLEMENTE NALF, CA STATION #: 722925 ICAO: NUC
LOCATION: 3301N 11835W ELEVATION (FEET): 180 LST = GMT -8
PREPARED BY: USAFETAC/ECO, MAR 1989 PERIOD: 7301-8612

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	0	0	0	0	0	0	0	#
03-05 LST	0	#	#	0	#	0	#	#	0	#	0	0	#
06-08 LST	0	0	#	0	#	0	0	0	#	#	0	0	#
09-11 LST	0	0	#	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	#	0	0	0	0	#	0	#	0	#
15-17 LST	0	0	0	#	0	0	0	0	#	#	0	#	#
18-20 LST	#	0	0	0	#	0	0	0	#	#	0	#	#
21-23 LST	0	0	0	0	0	0	#	0	#	0	0	0	#
ALL HOURS	#	#	#	#	#	0	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	5	2	2	2	1	1	2	2	2	4	3
03-05 LST	5	6	4	3	3	3	1	2	3	1	2	4	3
06-08 LST	5	5	6	2	3	3	1	2	2	1	2	3	3
09-11 LST	5	4	4	2	2	2	1	1	2	1	3	3	3
12-14 LST	4	5	4	2	1	#	1	#	1	1	3	3	2
15-17 LST	5	5	4	2	1	#	#	1	1	1	2	3	2
18-20 LST	5	5	4	2	2	#	#	#	2	1	3	2	2
21-23 LST	4	6	5	3	1	2	1	#	1	1	2	3	2
ALL HOURS	5	5	5	2	2	2	1	1	2	1	2	3	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	#	0	0	#	#	0	1	1
03-05 LST	1	1	2	2	1	0	0	0	0	#	#	2	1
06-08 LST	1	1	1	1	1	0	#	0	#	#	#	1	1
09-11 LST	1	1	2	1	1	0	#	0	#	#	#	1	1
12-14 LST	1	1	2	3	2	#	#	#	#	#	#	1	1
15-17 LST	2	1	3	3	2	#	#	#	#	1	#	1	1
18-20 LST	1	1	2	2	2	#	0	0	0	1	1	1	1
21-23 LST	1	1	1	2	2	0	0	0	0	1	1	1	1
ALL HOURS	1	1	2	2	1	#	#	#	#	#	#	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86
2.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	13	8	13	20	25	42	37	26	19	12	12	20
03-05 LST	12	16	7	13	22	29	46	41	28	21	12	14	22
06-08 LST	12	17	9	13	19	29	40	34	25	21	13	12	20
09-11 LST	8	13	7	9	14	18	24	20	18	14	10	10	14
12-14 LST	9	11	5	6	8	13	15	12	13	12	8	9	10
15-17 LST	11	12	6	7	11	14	21	17	16	15	8	9	12
18-20 LST	11	14	7	9	16	20	31	27	22	18	11	10	16
21-23 LST	9	15	8	11	17	24	36	32	22	17	11	9	18
ALL HOURS	10	14	7	10	16	21	32	28	21	17	11	11	16

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	10	5	7	7	12	15	13	10	11	8	7	9
03-05 LST	7	11	5	7	9	13	16	15	12	12	7	9	10
06-08 LST	7	11	5	6	8	11	14	11	10	10	7	8	9
09-11 LST	5	9	4	4	4	6	7	4	4	6	5	6	5
12-14 LST	5	7	2	2	2	3	4	2	2	4	4	5	4
15-17 LST	6	8	3	3	2	3	4	2	4	6	4	4	4
18-20 LST	6	10	4	4	4	7	10	5	7	10	6	6	7
21-23 LST	6	10	5	6	5	8	13	9	8	9	7	6	8
ALL HOURS	6	9	4	5	5	8	10	8	7	8	6	6	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	3	3	4	6	7	3	3	5	4	4	4
03-05 LST	6	7	2	4	5	7	6	5	4	5	4	6	5
06-08 LST	5	8	3	4	4	6	5	4	4	5	4	6	5
09-11 LST	3	6	2	2	2	2	1	1	1	2	3	4	2
12-14 LST	3	5	1	1	1	#	1	1	1	2	2	2	1
15-17 LST	4	5	1	0	1	1	#	1	1	2	3	3	2
18-20 LST	4	7	2	1	2	3	3	1	2	5	4	3	3
21-23 LST	3	7	3	2	3	5	5	2	2	4	4	4	4
ALL HOURS	4	6	2	2	3	4	3	2	2	4	3	4	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	1	2	1	2	2	0	1	1	1	2	2
03-05 LST	3	4	1	2	1	2	2	1	2	2	2	3	2
06-08 LST	3	4	2	2	1	2	1	#	1	2	1	3	2
09-11 LST	1	2	1	1	#	#	0	#	#	#	#	2	1
12-14 LST	1	1	#	0	0	0	#	0	0	#	#	#	#
15-17 LST	2	2	1	#	#	0	0	#	#	1	1	1	1
18-20 LST	2	4	1	1	#	1	1	1	#	2	2	1	1
21-23 LST	2	4	1	1	#	1	1	#	#	1	1	2	1
ALL HOURS	2	3	1	1	#	1	1	#	1	1	1	2	1

PREPARED BY USAFETAC
OCTOBER 1979

STATION NAME STOCKTON METROPOLITAN ARPT, CALIFORNIA
LOCATION [illegible]

PERIOD 1941-1977 H
ELEV 22 FT

STN LTRS SCK
WBAN NO 23237
WMO NO 724920

AWS CLIMATIC BRIEF

MONTH	1 TEMPERATURE °F MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	1 PRECIPITATION IN MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	2 SNOW FALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	53	36	45	71	19	2.9	7.1	0.1	3.0	#	#	#
FEB	59	39	49	78	25	2.1	6.0	0.1	2.3	#	#	#
MAR	65	41	53	87	27	2.0	5.6	#	1.7	#	#	#
APR	72	45	59	93	32	1.4	3.6	0	1.5	#	#	#
MAY	80	50	65	103	38	0.4	1.9	#	1.2	0	0	0
JUN	99	55	72	111	45	0.1	0.7	0	0.5	0	0	0
JUL	95	59	77	114	52	#	0.6	0	0.6	0	0	0
AUG	93	58	75	109	50	#	0.8	0	0.8	0	0	0
SEP	89	55	72	105	45	0.2	3.0	0	2.6	0	0	0
OCT	78	49	64	98	33	0.7	3.0	#	1.6	0	0	0
NOV	64	42	53	84	26	1.7	6.2	#	2.2	0	0	0
DEC	53	38	46	71	21	2.7	8.1	1	3.0	#	#	#
ANN	74	47	61	114	19	14.2	8.1	0	3.0	#	#	#
YR	30	30	30	18	18	30	36	36	36	23	23	23

MONTH	1 MEAN RELATIVE HUMIDITY (%) LST 04	LST 16	3 MEAN VAPOR PRESSURE (IN Hg)	3 MEAN PRESSURE (MB)	3 MEAN DEW PT (°F)	4 PRESSURE ALTITUDE (FT)	1 SURFACE WINDS PVLG DRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (KT)	1 CLOUD COVER MEAN HOURS (months)	MEAN NUMBER OF DAYS OCCURRENCE OF 1 PRECIP (IN) ≥ 0.01	≥ 0.5	2 SNOW FALL (IN) ≥ 0.1	≥ 1.5	1 THUNDER HOURS	2 FOG	TEMPERATURE °F MAX 1 ≥ 90	≥ 80	MIN ≤ 32	≤ 0
JAN	90	60	.23	38	500		SE	6	40	7	9	2	0	0	#	22	0	0	10	0
FEB	88	61	.26	41	400		SE	6	34	7	8	1	#	0	#	16	0	0	2	0
MAR	83	49	.26	41	500		W	7	34	6	8	1	0	0	#	9	0	1	1	0
APR	78	39	.30	45	400		W	7	30	5	6	1	0	0	1	4	1	7	#	0
MAY	74	33	.31	46	350		W	8	25	4	3	#	0	0	#	1	6	16	0	0
JUN	69	29	.34	48	400		W	8	27	2	1	0	0	0	#	#	15	25	0	0
JUL	65	26	.38	51	300		NNW	7	23	1	#	0	0	0	#	#	25	30	0	0
AUG	66	27	.39	52	300		NNW	7	24	1	#	#	0	0	#	#	23	29	0	0
SEP	68	30	.38	51	350		W	6	29	2	1	#	0	0	#	2	13	26	0	0
OCT	74	38	.31	46	350		W	5	31	3	3	#	0	0	#	7	3	13	0	0
NOV	85	59	.29	44	450		W	5	35	6	7	1	0	0	#	17	0	1	2	0
DEC	90	73	.25	40	400		SE	6	38	7	6	2	0	0	#	22	0	0	9	0
ANN	78	44	.30	45	400		W	7	30	4	52	8	#	0	1	100	86	149	24	0
YR	18	18	7	7	5		22	35	14	30	35	19	19	19	30	19	18	19	18	18

REMARKS SOURCE:
1. Local Climatological Data; POR: 1941-1977
2. Revised Uniform Summary of Surface Weather Observations; POR: Nov 48-Dec 77
3. World-Wide Airfield Summary; POR: Unknown
4. Climatological Data Summary; POR: 1965-1969

NOTE: *DATA NOT AVAILABLE #AMTS < UNITS SHOWN IN HEADING ** MAX HRLY (MPH) SP CLASS INT. § % CALM (MTR) & PLVG. DIR. ‡ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	42	6	4	1	0	0	1	0	0	2	22	46	10	
	03-05	49	17	11	2	0	0	1	1	0	5	30	51	14	
	06-09	58	25	18	3	2	1	2	1	1	12	38	66	19	
	09-11	54	16	15	7	0	2	2	2	1	8	29	65	17	
	12-14	36	11	12	9	0	#	2	1	1	5	19	43	12	
	15-17	29	12	8	5	0	0	1	#	#	3	14	34	9	
	18-20	23	6	5	4	0	0	1	0	#	1	11	27	7	
	21-23	28	6	5	2	0	0	1	0	0	2	14	35	8	
	ALL HRS	40	12	10	4	#	#	1	1	#	5	22	46	12	4
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	37	4	1	#	0	0	1	0	0	1	20	42	9	
	03-05	44	10	5	1	0	0	#	1	0	3	28	49	12	
	06-08	54	18	12	1	0	0	2	#	1	11	36	63	17	
	09-11	52	12	6	2	0	#	1	0	0	7	28	62	14	
	12-14	32	4	2	2	0	#	1	0	1	3	13	40	8	
	15-17	22	3	2	1	0	0	0	0	#	1	10	31	6	
	18-20	17	3	2	1	0	0	#	0	#	1	7	24	5	
	21-23	24	2	#	0	0	0	#	0	0	#	11	31	6	
	ALL HRS	35	7	4	1	0	#	1	#	#	3	19	42	10	4
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	28	2	1	0	0	0	#	0	0	1	16	36	7	
	03-05	36	8	4	1	0	0	#	#	0	1	22	44	10	
	06-08	46	14	9	1	0	0	1	0	0	5	27	54	13	
	09-11	42	8	2	1	0	0	1	0	0	2	19	46	10	
	12-14	25	2	1	0	0	0	#	0	1	1	6	27	5	
	15-17	15	3	1	1	0	0	0	0	0	1	5	20	4	
	18-20	14	2	1	#	0	0	0	0	0	1	4	20	4	
	21-23	21	1	#	0	0	0	#	0	0	#	9	27	5	
	ALL HRS	28	5	2	#	0	0	#	#	#	1	13	34	7	4
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN ½ MI	00-02	21	1	0	0	0	0	0	0	0	0	3	17	4	
	03-05	25	4	0	#	0	0	0	0	0	#	6	22	5	
	06-08	31	7	2	0	0	0	0	0	0	1	12	29	7	
	09-11	23	1	#	0	0	0	0	0	0	#	6	17	4	
	12-14	5	0	0	0	0	0	0	0	0	0	#	4	1	
	15-17	2	0	0	0	0	0	0	0	0	0	0	2	#	
	18-20	8	0	0	0	0	0	0	0	0	0	0	6	1	
	21-23	14	0	0	0	0	0	0	0	0	0	#	12	2	
	ALL HRS	16	2	#	#	0	0	0	0	0	#	3	14	3	4

A W S CLIMATIC BRIEF June 1988	Station Name: TRAVIS AFB CA Latitude/Longitude: N38 16 W121 56 Hourly Obs POR: Mar 78 to Feb 88 Summary of Day POR: Aug 43 to Feb 88 LST = GMT -8	Field Elev: 62 ft Station MSC: 745160 Call Sign: KSUU Supersedes: Dec 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	78	77	86	95	101	111	115	109	111	102	89	76	115	45
MEAN MAX TEMP °F	53	59	63	69	75	82	86	86	84	76	63	54	71	45
MEAN TEMP °F	46	51	54	58	63	69	72	72	71	64	54	47	60	45
MEAN MIN TEMP °F	38	42	44	47	51	55	57	57	57	52	45	39	49	45
XTRM MIN TEMP °F	19	29	28	30	34	42	49	48	45	35	26	22	19	45
D/W TEMP ≥ 95°F	0	0	0	#	1	4	5	5	4	1	0	0	20	45
D/W TEMP ≥ 85°F	0	0	#	1	5	10	18	16	14	5	#	0	69	45
D/W TEMP ≤ 40°F	18	9	5	2	#	0	0	0	0	#	6	16	56	45
D/W TEMP ≤ 32°F	6	1	#	#	0	0	0	0	0	0	1	5	13	45
VAPOR PRESS "Hg	.24	.26	.28	.29	.31	.35	.38	.39	.36	.32	.26	.23	.30	10
MEAN DEWPOINT °F	39	41	43	44	46	49	51	52	50	47	41	38	45	10
99.95% WCPA Ft	450	500	500	350	350	350	350	350	400	350	450	400	500	10
MEAN RH 07 LST %	83	76	74	70	64	64	67	70	69	72	73	79	72	10
MEAN RH 13 LST %	71	60	58	49	39	36	35	37	36	43	54	67	49	10
MAX 24HR PRECIP "	4.8	2.6	1.8	2.7	1.0	.8	.5	.2	2.8	3.0	3.0	2.4	4.8	45
MAX PRECIP "	9.2	10.2	9.2	4.4	1.7	1.2	.5	.6	2.8	4.7	7.4	11.9	39.0	45
MEAN PRECIP "	3.8	2.9	2.4	1.1	.3	.1	#	#	.2	1.0	2.6	3.1	17.5	45
MIN PRECIP "	.2	#	.1	#	.0	.0	.0	.0	.0	.0	#	.1	5.2	45
D/W PRECIP ≥ .01"	9	8	8	5	2	1	#	#	1	3	7	9	53	45
D/W PRECIP ≥ .5"	3	2	2	1	#	#	0	0	#	1	2	2	13	45
MAX 24HR SNFL "	2	#	0	0	0	0	0	0	0	0	0	#	2	42
MAX SNFL "	2	#	0	0	0	0	0	0	0	0	0	#	2	42
MEAN SNFL "	#	#	0	0	0	0	0	0	0	0	0	#	#	42
D/W SNFL ≥ .1"	#	0	0	0	0	0	0	0	0	0	0	0	#	42
D/W SNFL ≥ 1.5"	#	0	0	0	0	0	0	0	0	0	0	0	#	42
MEAN WND DRCTN	$N	$N	WSW	WSW	WSW	SW	SW	WSW	SW	SW	$N	$N	SW	10
MEAN WND SPD Kts	5	6	6	7	10	12	12	12	9	6	5	5	8	10
MAX WND SPD** Kts	60	65	58	53	46	47	46	45	47	51	54	54	65	10
MEAN CLD CVR 10th	7	6	6	5	4	3	3	3	3	4	6	7	5	10
D/W TSTORMS	#	#	1	1	#	#	#	1	#	1	#	#	3	42
D/W FOG VSBY <7mi	21	14	7	3	1	#	#	1	2	7	15	21	92	42

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricane/tropical storm data not available at this time; to be furnished later.

A W S CLIMATIC BRIEF June 1988	Station Name: TRAVIS AFB CA Latitude/Longitude: N38 16 W121 56 Hourly Obs POR: Mar 78 to Feb 88 Summary of Day POR: Aug 43 to Feb 88 LST = GMT -8	Field Elev: 62 ft Station WSC: 745160 Call Sign: KSUU Supersedes: Dec 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	40	9	4	3	3	1	2	1	2	1	12	36	10	
	03-05	45	12	8	5	4	3	3	3	3	2	17	43	12	
CIG/VSBY	06-08	52	21	13	5	4	2	3	3	5	6	22	46	15	
	09-11	48	19	13	5	3	1	1	1	3	3	18	45	13	
LESS THAN	12-14	39	11	6	2	#	#	#	0	1	1	13	35	9	
	15-17	32	10	4	1	0	1	#	0	1	2	10	29	8	
3000/3	18-20	31	9	4	1	1	1	0	#	#	2	9	31	7	
	21-23	33	8	3	2	1	1	#	#	1	1	11	33	8	
	00-24	40	12	7	3	2	1	1	1	2	2	14	37	10	10
	00-02	36	6	2	1	#	1	1	1	1	1	10	33	8	
	03-05	40	8	4	2	1	2	2	2	2	2	14	39	10	
CIG/VSBY	06-08	47	16	9	3	2	2	2	2	3	4	19	41	13	
	09-11	44	14	7	1	1	#	#	#	1	2	15	41	11	
LESS THAN	12-14	32	8	2	#	0	0	0	0	#	1	11	31	7	
	15-17	26	6	1	#	0	0	0	0	#	1	9	26	6	
1500/3	18-20	27	5	2	#	0	#	0	#	0	1	7	28	6	
	21-23	29	5	1	#	#	1	#	#	#	1	7	30	6	
	00-24	35	9	4	1	1	1	1	1	1	2	12	34	9	10
	00-02	29	4	1	#	#	1	#	#	#	1	6	27	6	
	03-05	35	7	2	1	1	2	1	1	1	1	10	32	8	
CIG/VSBY	06-08	39	13	6	1	1	1	1	1	1	3	16	35	10	
	09-11	37	12	4	1	0	#	0	0	0	1	12	35	9	
LESS THAN	12-14	24	5	1	#	0	0	0	0	0	#	6	25	5	
	15-17	18	3	1	#	0	0	0	0	0	1	6	18	4	
1000/2	18-20	20	2	#	#	0	0	0	0	0	#	4	18	4	
	21-23	24	3	#	#	0	#	0	0	0	#	5	23	5	
	00-24	28	6	2	#	#	1	#	#	#	1	8	27	6	10
	00-02	12	1	#	0	0	0	0	0	0	0	1	13	2	
	03-05	17	2	#	#	0	0	0	0	0	#	3	15	3	
CIG/VSBY	06-08	18	6	2	#	0	0	0	0	0	#	5	17	4	
	09-11	10	3	#	0	0	0	0	0	0	0	2	14	2	
LESS THAN	12-14	1	0	0	0	0	0	0	0	0	0	#	3	#	
	15-17	#	0	0	0	0	0	0	0	0	0	#	2	#	
200/½	18-20	3	#	0	0	0	0	0	0	0	0	0	6	1	
	21-23	7	#	0	0	0	0	0	0	0	0	1	10	2	
	00-24	9	2	#	#	0	0	0	0	0	#	2	10	2	10

A W S	STATION NAME: VANDENBERG AFB CA	FIELD ELEV: 367 FT
	LATITUDE/LONGITUDE: 34 44 N 120 35 W	STATION MSC: 723930
CLIMATIC BRIEF	HOURLY OBS POR: SEP 79 - AUG 89	CALL SIGN: KVBG
(LIMITED)	SUMMARY OF DAY POR: 5110-5212, 5804-7308 (FULL TIME), 7309-8908 (PART TIME)	
	HOURS SUMMARIZED: 00-23 LST (5110-5212, 5804-7308), 08-17 LST (7309-8908)	
FEB 90	LST TO UTC: +08	SUPERSEDES: AUG 85

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	83	83	87	97	93	98	95	96	100	99	87	87	100	33
MEAN MAX TEMP (F)	61	61	60	61	61	64	65	66	68	68	65	62	64	33
MEAN TEMP (F)	53	54	54	55	56	58	60	61	62	61	57	54	57	33
MEAN MIN TEMP (F)	45	46	47	49	50	53	54	55	55	52	49	45	50	33
EXTRM MIN TEMP (F)	25	31	31	36	37	41	45	45	41	35	32	26	25	33
D/W TEMP GE 90 (F)	0	0	0	1	#	1	#	#	1	1	0	0	4	33
D/W TEMP GE 80 (F)	1	#	1	1	1	1	1	1	2	2	1	1	13	33
D/W TEMP LT 40 (F)	7	3	3	1	1	0	0	0	0	1	2	6	24	33
D/W TEMP LT 33 (F)	1	#	#	0	0	0	0	0	0	0	#	1	2	33
HEATING DEGREE DAYS	389	344	375	337	315	236	196	154	135	160	259	384	3284	16
COOLING DEGREE DAYS	1	#	#	3	1	1	1	3	17	22	4	1	54	16
MEAN DEWPOINT TEMP (F)	43	44	47	47	49	52	54	55	56	51	46	43	49	10
MEAN WET BULB TEMP (F)	50	51	52	53	53	56	58	59	60	56	53	50	54	10
99.95% WCPA (FT)	600	700	700	600	550	550	550	550	600	550	600	650	650	10
MEAN REL HUM 07 LST(%)	70.2	74.1	78.2	74.5	78.3	80.2	84.0	85.0	82.7	75.9	70.5	68.5	77.9	10
MEAN REL HUM 13 LST(%)	56.3	58.9	65.4	62.7	67.1	67.8	69.5	68.7	67.1	61.8	57.1	56.1	63.3	10
@ MAX 24HR PRECIP (IN)	2.47	2.05	3.22	1.75	1.35	.18	.09	.87	1.72	1.49	2.50	4.25	4.25	39
MAX PRECIP (IN)	9.30	9.21	7.02	4.61	2.67	.32	.14	1.04	2.28	2.55	6.26	5.50	28.40	31
MEAN PRECIP (IN)	2.53	2.41	2.20	1.12	.17	.05	.02	.04	.15	.67	2.04	2.03	13.35	31
MIN PRECIP (IN)	.21	.08	#	.01	#	#	#	#	.00	#	.00	.16	4.72	31
D/W PRECIP GE .01 (IN)	8	8	8	6	3	2	1	2	3	3	6	7	57	31
D/W PRECIP GT .50 (IN)	2	2	2	1	#	0	0	#	#	1	1	1	10	31
MAX 24HR SNFL (IN)	.9	0	0	#	0	0	0	0	0	0	#	#	.9	31
MAX SNFL (IN)	1.6	0	0	#	0	0	0	0	0	0	#	#	1.6	31
MEAN SNFL (IN)	.1	0	0	0	0	0	0	0	0	0	0	0	.1	31
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	31
MAX DLY SNO DEPTH (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31
PRVLNG WND DIR (DEG)	32-34	32-34	32-34	32-34	29-31	29-31	29-31	29-31	29-31	29-31	32-34	32-34	29-31	10
MEAN WND SPD (KTS)	7	8	9	9	10	9	7	6	7	7	7	7	8	10
MAX WND SPD (KTS)	48	54	42	40	37	36	37	37	33	36	52	44	54	26
SKY COVER GT 5/10 (%)	48.0	55.6	49.0	48.5	52.0	54.1	53.0	51.1	49.0	46.9	46.0	47.9	50.2	10
D/W THUNDERSTORMS	1	1	1	#	#	1	1	1	1	#	1	#	8	31
D/W FOG (VSBY LT 7 MI)	9	11	12	13	18	21	27	27	21	17	12	10	198	31

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRAC APPLICABLE
$ = PERCENTAGE OF CALM WINDS R THAN OR EQUAL TO MEAN
WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	18.0	25.1	26.9	36.1	52.6	68.2	76.4	80.1	57.5	41.4	21.4	12.4	43.0	10
LT 3000 FT	09 - 11	13.0	17.6	18.5	21.3	35.2	47.6	49.2	56.0	37.8	28.2	13.9	11.3	29.1	10
AND/OR	12 - 14	10.6	13.6	14.4	16.3	28.1	33.2	27.5	22.2	21.8	20.6	11.7	9.5	19.1	10
VSBY	15 - 17	12.2	14.4	18.4	18.7	29.4	39.0	36.2	28.4	31.7	27.6	15.5	11.4	23.6	10
LT 3 MI	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	12.7	16.4	18.4	21.5	35.3	45.7	45.5	45.2	35.6	28.3	14.7	10.9	27.7	10
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	8.5	17.6	18.6	28.4	45.4	60.4	73.1	75.8	49.1	35.2	17.1	9.0	36.5	10
LT 1500 FT	09 - 11	6.0	9.1	10.5	15.2	27.4	40.1	45.4	48.1	31.5	21.3	9.6	8.6	22.7	10
AND/OR	12 - 14	3.7	7.2	7.4	10.4	21.9	26.1	24.1	18.7	17.9	15.1	8.2	4.4	13.8	10
VSBY	15 - 17	4.6	8.2	13.6	13.2	24.5	31.0	33.0	26.7	28.6	24.4	12.1	7.8	19.0	10
LT 3 MI	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	5.3	9.3	11.5	15.3	28.8	38.1	42.0	40.6	30.3	22.7	10.8	7.2	22.0	10
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	7.4	13.3	14.8	25.5	37.2	51.8	69.0	70.8	45.5	31.5	14.8	8.6	32.5	10
LT 1000 FT	09 - 11	4.7	6.8	7.6	10.8	21.0	28.1	36.4	39.1	26.4	17.1	7.4	6.1	17.6	10
AND/OR	12 - 14	2.5	5.4	4.5	8.4	14.4	12.5	15.8	9.1	13.0	9.2	5.8	2.0	8.5	10
VSBY	15 - 17	2.2	5.5	9.9	8.6	17.0	16.9	23.8	17.7	21.2	18.0	9.2	5.4	12.9	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	3.7	6.8	8.2	11.8	21.4	25.9	34.2	32.2	25.1	17.6	8.4	5.0	16.8	10
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	1.5	5.9	5.2	9.5	11.1	12.4	22.9	24.9	19.8	11.1	4.7	3.4	11.0	10
LT 200 FT	09 - 11	1.1	1.5	.9	1.5	2.3	1.6	1.1	1.4	2.9	1.9	1.7	.8	1.6	10
AND/OR	12 - 14	.2	.3	.3	.2	.2	.0	.0	.1	.5	.6	.2	.0	.2	10
VSBY	15 - 17	.3	.8	1.6	.5	.0	.0	.4	.0	.2	1.5	1.0	.0	.5	10
LT 1/2 MI	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	.6	1.5	1.5	2.1	2.9	2.9	4.9	5.4	4.9	3.1	1.4	.6	2.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0
240NM	0/0	0/2	0/0	0/2

REMARKS : @ SUMMARY OF THE DAY (SOD) 24-HR PRECIP DATA WERE SUPPLEMENTED FROM:

CLIMATOGRAPHY OF THE UNITED STATES (NO. 20) FOR LOMPOC CA, POR: JAN 51 - DEC 80.

NOTE 1: MAX 24-HR PRECIP FOR FEB ADJUSTED FROM 3.14 (SOCS - FEB 83) TO 2.05 (SOCS - FEB 63). MAX 24-HR PRECIP FOR MAY ADJUSTED FROM 2.15 (SOCS - MAY 77) TO 1.35 (AVERAGE OF ESTIMATED KVBG AMOUNT AND LOMPOC AMOUNT FOR 8 MAY 77). ORIGINAL AMOUNTS FOR BOTH MONTHS BASED ON 2 OR 3 DAY CUMULATIVE PRECIP AMOUNTS.

NOTE 2: MEAN JAN SNOWFALL OF .1 INCHES BASED ON ONE MEASURABLE SNOWFALL EVENT OF 1.6 INCHES (21-22 JAN 62).

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BUCKLEY ANGB, CO | STATION #: 724695 | ICAO: BKF
LOCATION: 3943N 10445W | ELEVATION (FEET): 5663 | LST = GMT -7
PREPARED BY: USAFETAC/DOC, OCT 1992 | PERIOD: 7301-9012

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	68	74	77	83	88	100	107	102	95	85	77	72	107
MEAN DAILY MAX	1	40	44	51	60	68	80	86	84	77	66	51	43	63
MEAN	1	28	32	38	46	55	66	72	70	62	51	38	31	49
MEAN DAILY MIN	1	19	23	28	35	43	53	59	58	49	39	28	21	38
EXTREME MIN	1	-13	-15	-4	3	19	34	45	45	18	15	-10	-24	-24
# DAYS GE 90	1	0	0	0	0	0	5	11	6	2	0	0	0	24
# DAYS LE 32	1	28	23	22	11	2	0	0	0	1	6	19	26	137
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	0	#	2	6
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.4	1.2	4.4	2.8	5.8	3.6	6.8	5.2	3.5	2.8	2.4	2.5	42.4
MEAN	2	0.6	0.4	1.3	1.5	3.0	1.6	2.3	1.9	1.0	0.9	0.8	0.7	16.0
MINIMUM	2	0.1	0.0	0.3	0.2	0.1	0.0	0.9	0.3	0.0	0.1	0.1	0.0	2.1
MAX 24 HR	2	0.9	0.6	2.2	1.6	3.8	2.5	4.0	2.1	1.6	0.7	1.0	1.9	4.0
# DAYS W/PRECIP	1	9	10	13	12	16	13	15	14	10	8	9	10	137
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	6.6	5.1	11.6	7.4	3.5	0.1	0.0	0.0	2.5	3.3	8.2	8.4	56.7
MAXIMUM	2	15.4	13.3	35.6	18.2	11.5	0.2	0.0	0.0	6.3	17.2	25.6	23.4	35.6
MAX 24 HR	2	9.3	8.5	19.0	16.2	9.8	0.2	0.0	0.0	5.9	5.8	13.2	23.4	19.0
# DAYS W/SNOW	1	9	9	11	6	2	#	0	0	1	3	8	9	58
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	59	60	62	64	67	62	61	62	60	56	59	58	61
RH (14 LST)	1	44	42	40	36	36	30	26	28	28	30	37	42	35
VAPOR PRESS	1	.09	.10	.12	.15	.22	.28	.33	.33	.24	.16	.11	.09	.18
DEWPOINT	1	12	15	20	26	35	42	46	46	38	27	19	14	28
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	S	S	S	S	S	S	S	S	S	S	S
MEAN SPEED (PVLG DRCTN)	1	7	6	8	8	8	8	7	7	7	6	6	6	7
MEAN SPEED (ALL OBS)	1	6	6	7	7	7	6	6	5	6	5	5	6	6
MAX PEAK GUST	1	50	40	68	55	62	49	49	61	52	53	48	58	68
PRESSURE ALT	1	6330	6300	6450	6420	6150	6000	5850	5860	6190	6130	6230	6460	6460
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	5	5	5	4	4	4	4	4	4	4	4
DAYS TSTMS	1	0	0	#	3	8	11	14	12	5	1	#	0	54
DAYS FOG LT 7	1	7	7	9	6	6	2	2	2	4	4	6	7	62
DAYS BNBD LT 7	1	#	#	1	#	#	#	#	#	#	#	#	0	2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, HOURLY OBSERVATIONS.
2. USAFETAC SUMMARY OF DAY DATA, JAN 73 - DEC 90.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	16	17	12	11	4	1	2	7	8	14	13	10
03-05 LST	12	16	18	14	15	6	3	4	8	9	14	13	11
06-08 LST	12	17	19	15	16	8	6	7	11	10	14	14	12
09-11 LST	11	15	17	14	14	6	4	5	10	10	13	12	11
12-14 LST	9	13	17	13	12	4	2	2	6	9	11	10	9
15-17 LST	9	12	16	13	10	3	2	3	6	8	11	11	9
18-20 LST	10	13	16	13	10	3	2	2	5	7	13	12	9
21-23 LST	11	13	17	12	10	3	2	2	6	8	14	12	9
ALL HOURS	11	14	17	13	12	5	3	4	7	8	13	12	10

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	14	14	10	7	2	1	1	5	5	11	10	8
03-05 LST	10	14	14	11	11	4	3	3	6	7	12	10	9
06-08 LST	9	16	16	13	13	6	5	6	8	9	12	12	10
09-11 LST	10	13	15	12	10	4	3	3	7	7	11	11	9
12-14 LST	7	11	13	9	8	2	1	1	4	6	10	9	7
15-17 LST	8	10	12	9	6	2	1	1	4	5	9	9	6
18-20 LST	8	11	13	10	7	2	1	2	4	6	10	10	7
21-23 LST	8	11	14	10	7	2	1	1	4	5	11	9	7
ALL HOURS	9	12	14	11	9	3	2	2	5	6	11	10	8

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	12	8	6	2	1	1	4	5	10	9	6
03-05 LST	7	12	12	10	10	3	2	2	5	6	11	8	7
06-08 LST	8	13	14	12	10	4	3	4	6	8	11	11	9
09-11 LST	7	10	12	10	7	2	1	1	5	6	10	9	7
12-14 LST	5	8	10	7	5	1	#	1	3	4	8	7	5
15-17 LST	6	7	10	6	4	1	1	1	3	4	7	7	5
18-20 LST	7	8	11	8	4	1	#	1	3	4	9	9	5
21-23 LST	7	9	12	9	5	2	1	1	3	5	10	8	6
ALL HOURS	7	10	12	9	6	2	1	1	4	5	9	8	6

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	4	3	1	#	#	#	#	1	4	2	2
03-05 LST	2	4	4	3	2	#	1	1	1	1	4	2	2
06-08 LST	3	4	4	4	2	#	1	1	1	2	4	4	2
09-11 LST	1	1	4	2	1	0	0	#	#	1	3	2	1
12-14 LST	1	1	2	2	#	0	0	0	#	1	2	2	1
15-17 LST	1	1	2	1	#	0	#	0	1	#	2	2	1
18-20 LST	1	2	3	2	1	0	#	0	#	#	3	2	1
21-23 LST	1	2	3	2	1	#	0	0	#	1	4	2	1
ALL HOURS	1	2	3	2	1	#	#	#	0	1	3	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BUCKLEY ANGB, CO | STATION #: 724695 | ICAO: BKF
LOCATION: 3943N 10445W | ELEVATION (FEET): 5663 | LST = GMT -7
PREPARED BY: USAFETAC/DOC, OCT 1992 | PERIOD: 7301-9012

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	1	1	1	#	0	0	0	#
03-05 LST	0	0	0	#	#	#	#	#	#	0	0	0	#
06-08 LST	0	0	0	0	#	#	#	#	#	#	0	0	#
09-11 LST	0	0	#	#	1	#	#	#	#	0	0	0	#
12-14 LST	0	0	#	1	4	4	3	3	1	#	#	0	1
15-17 LST	0	0	#	2	7	9	13	11	3	#	0	0	4
18-20 LST	0	0	#	1	4	8	10	8	4	#	#	0	3
21-23 LST	0	0	#	1	2	3	4	3	1	0	0	0	1
ALL HOURS	0	0	#	1	2	3	4	3	1	#	#	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	4	8	4	3	3	4	3	1	1	3
03-05 LST	1	1	1	4	8	3	2	1	5	3	1	1	3
06-08 LST	0	1	2	3	7	4	2	2	6	3	2	1	3
09-11 LST	0	#	1	3	6	4	1	2	5	3	1	#	2
12-14 LST	0	#	1	4	9	5	2	4	4	3	1	0	3
15-17 LST	0	1	2	6	11	9	9	9	6	3	1	0	5
18-20 LST	0	1	2	5	11	8	12	8	7	4	2	#	5
21-23 LST	#	#	2	5	9	6	6	4	5	4	1	1	4
ALL HOURS	#	1	2	4	9	5	5	4	5	3	1	1	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	12	13	7	2	#	0	0	1	3	9	11	6
03-05 LST	10	13	12	7	3	0	0	0	1	4	8	10	6
06-08 LST	10	12	12	7	2	0	0	0	#	3	9	11	5
09-11 LST	9	12	12	7	2	0	0	0	#	4	8	10	5
12-14 LST	7	10	11	6	1	0	0	0	#	3	7	8	4
15-17 LST	7	8	11	5	1	#	0	0	1	3	7	8	4
18-20 LST	10	10	12	7	2	0	0	0	1	3	10	11	5
21-23 LST	10	12	14	8	2	0	0	0	1	3	10	11	6
ALL HOURS	9	11	12	7	2	#	0	0	1	3	8	10	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	2	2	1	1	1	1	#	#	1	1
03-05 LST	1	1	2	2	2	#	#	#	1	#	1	1	1
06-08 LST	1	1	2	2	2	1	#	#	#	#	1	1	1
09-11 LST	1	2	5	5	3	2	#	#	1	2	2	2	2
12-14 LST	4	4	8	8	8	3	1	1	2	2	3	3	4
15-17 LST	2	3	9	11	8	6	6	2	3	2	2	2	5
18-20 LST	1	1	4	6	4	3	3	1	2	1	1	1	2
21-23 LST	1	1	2	3	2	2	1	1	1	1	1	1	1
ALL HOURS	2	1	4	5	4	2	2	1	1	1	1	1	2

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, HOURLY OBSERVATIONS.
2. USAFETAC SUMMARY OF DAY DATA, JAN 73 - DEC 90.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	10	11	8	5	1	1	1	3	4	9	8	6
03-05 LST	6	11	12	9	8	3	2	2	5	5	10	8	7
06-08 LST	7	12	13	12	8	3	3	3	6	7	10	10	8
09-11 LST	7	9	12	8	5	1	1	1	4	5	9	9	6
12-14 LST	5	7	9	6	4	1	#	#	2	4	7	6	4
15-17 LST	5	6	9	6	3	1	#	1	2	3	6	7	4
18-20 LST	6	8	10	7	3	1	#	1	2	4	8	8	5
21-23 LST	6	8	11	7	4	1	#	#	3	4	9	7	5
ALL HOURS	6	9	11	8	5	2	1	1	3	4	9	8	6

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	10	7	4	1	1	1	2	3	8	6	4
03-05 LST	4	8	10	8	6	2	2	1	4	4	9	6	5
06-08 LST	6	9	12	10	6	2	2	3	4	5	9	8	6
09-11 LST	5	7	9	7	4	1	#	1	2	4	7	7	4
12-14 LST	3	4	7	5	2	#	#	#	1	2	6	4	3
15-17 LST	4	4	7	4	2	#	#	#	1	2	5	5	3
18-20 LST	4	6	7	5	2	#	#	#	2	3	7	6	4
21-23 LST	4	7	9	6	3	1	#	#	2	3	8	5	4
ALL HOURS	4	6	9	6	4	1	1	1	2	3	7	6	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	7	5	2	#	#	#	1	1	6	4	3
03-05 LST	3	5	7	5	3	1	1	1	1	2	6	4	3
06-08 LST	4	7	8	7	3	1	1	2	2	3	7	6	4
09-11 LST	4	3	6	4	2	#	#	#	1	2	5	5	3
12-14 LST	2	2	5	3	1	#	0	#	#	1	4	4	2
15-17 LST	3	3	5	3	1	0	#	#	1	1	4	4	2
18-20 LST	2	4	5	3	1	#	#	#	1	1	5	4	2
21-23 LST	3	4	6	4	2	#	#	#	1	1	6	3	3
ALL HOURS	3	4	6	4	2	#	#	#	1	2	5	4	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	2	1	1	#	#	#	#	#	2	1	1
03-05 LST	1	2	2	1	1	#	1	#	#	1	2	1	1
06-08 LST	2	2	2	2	1	0	#	1	#	1	2	2	1
09-11 LST	1	#	1	1	0	0	0	0	#	#	1	1	#
12-14 LST	#	#	1	1	#	0	0	0	#	#	1	1	#
15-17 LST	#	#	1	1	#	0	#	0	#	#	1	1	#
18-20 LST	#	1	1	1	#	0	0	0	#	#	2	1	#
21-23 LST	1	1	2	1	#	0	0	0	#	#	1	1	1
ALL HOURS	1	1	1	1	#	#	#	#	#	#	1	1	1

A W S CLIMATIC BRIEF January 1988	Station Name: BUCKLEY ANGB CO Latitude/Longitude: N39 43 W104 45 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Mar 61 to Aug 87 LST - GMT -7	Field Elev: 5,663 ft Station MSC: 724695 Call Sign: KBKF Supersedes: Sep 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	68	74	82	83	89	100	107	102	94	85	77	76	107	27
MEAN MAX TEMP °F	40	44	49	58	68	78	86	83	74	63	50	42	61	27
MEAN TEMP °F	29	33	38	46	56	66	73	71	62	51	39	32	50	27
MEAN MIN TEMP °F	18	22	26	34	43	53	59	58	49	38	27	20	37	27
XTRM MIN TEMP °F	-30	-14	-7	3	19	34	42	44	18	5	-11	-16	-30	27
D/W TEMP ≥ 90°F	0	0	0	0	0	4	10	6	1	0	0	0	21	27
D/W TEMP ≥ 80°F	0	0	#	#	4	15	26	24	12	2	0	0	83	27
D/W TEMP ≤ 32°F	28	24	24	13	2	0	0	0	1	7	21	27	147	27
D/W TEMP ≤ 0°F	3	1	#	0	0	0	0	0	0	0	#	2	6	27
VPR PRESS ("Hg)	.08	.10	.12	.15	.21	.28	.32	.32	.23	.15	.11	.09	.17	10
MEAN DEWPOINT °F	14	18	22	27	36	43	47	47	38	28	20	15	30	10
99.95% WCPA Ft	6250	6200	6350	6250	6150	5950	5800	5800	6000	6100	6250	6250	6150	10
MEAN RH 07 LST %	62	62	63	59	62	56	53	57	55	57	62	61	59	10
MEAN RH 13 LST %	49	46	45	38	41	34	27	31	29	34	41	47	39	10
MAX 24HR PRECIP "	.8	.8	2.2	2.6	3.8	3.7	4.0	2.5	1.6	1.3	1.0	1.9	4.0	27
MAX PRECIP "	1.2	1.5	4.4	3.1	6.2	6.5	6.8	6.8	4.2	4.6	2.4	2.5	6.8	27
MEAN PRECIP "	.5	.5	1.2	1.5	2.8	2.1	2.2	2.0	1.3	.9	.8	.5	16.3	27
MIN PRECIP "	.1	#	.3	#	.1	#	.4	.3	#	.1	.2	#	#	27
D/W PRECIP ≥ .01"	5	5	8	7	10	8	9	9	6	5	5	5	82	27
D/W PRECIP ≥ .5"	#	#	#	1	2	1	1	1	1	#	#	#	7	27
MAX 24HR SNFL "	8	9	19	16	13	#	0	0	12	14	13	19	19	27
MAX SNFL "	15	17	36	18	15	#	0	0	19	42	26	23	42	27
MEAN SNFL "	6	6	12	7	2	#	0	0	2	4	8	6	53	27
D/W SNFL ≥ .1"	5	5	7	3	1	#	0	0	1	2	4	4	32	27
D/W SNFL ≥ 1.5"	1	1	3	1	#	0	0	0	#	1	2	1	10	27
MEAN WND DRCTN	S	S	S	S	S	S	S	S	S	S	S	S	S	10
MEAN WND SPD Kts	6	6	7	8	6	6	6	5	6	5	5	6	6	10
MAX WND SPD** Kts	54	47	69	55	65	59	50	61	54	53	51	58	69	21
MEAN CLD CVR 10th	6	6	6	6	7	5	5	6	5	5	6	6	6	10
D/W TSTORMS	0	#	#	2	8	11	13	10	4	1	#	0	49	27
D/W FOG VSBY <7mi	7	7	9	7	6	3	2	3	4	5	7	7	67	27

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS:

A W S CLIMATIC BRIEF January 1988	Station Name: BUCKLEY ANGB CO Latitude/Longitude: N39 43 W104 45 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Mar [illegible] to Aug 87 LST = GMT -7	Field Elev: 5,663 ft Station MSC: 724695 Call Sign: KBKF Supersedes: Sep 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	12	16	17	10	13	4	#	2	6	8	16	14	10	
	03-05	14	16	17	11	17	7	3	5	8	9	15	13	11	
CIG/VSBY	06-08	14	17	19	13	19	8	5	8	10	11	15	14	13	
	09-11	12	13	15	12	14	6	3	6	7	10	14	12	10	
LESS THAN	12-14	9	12	16	11	13	4	1	3	4	10	12	10	9	
	15-17	10	11	16	11	10	4	1	2	4	9	12	11	8	
3000/3	18-20	11	14	16	10	11	3	2	3	3	9	14	12	9	
	21-23	12	14	17	10	11	3	1	2	4	9	15	13	9	
	00-24	12	14	17	11	14	5	2	4	6	9	14	12	10	10
	00-02	10	14	13	8	8	3	#	1	4	6	13	11	8	
	03-05	11	13	13	9	12	4	2	3	5	7	13	11	9	
CIG/VSBY	06-08	11	15	16	11	13	5	4	6	7	10	13	12	10	
	09-11	9	12	13	11	9	4	1	3	5	9	12	11	8	
LESS THAN	12-14	7	11	13	8	7	3	1	2	3	7	10	9	7	
	15-17	8	9	12	8	7	2	1	1	3	6	9	9	6	
1500/3	18-20	9	10	13	7	7	2	1	2	2	7	11	10	7	
	21-23	9	12	14	8	7	2	1	2	3	7	12	10	7	
	00-24	9	12	13	9	9	3	1	3	4	7	12	10	8	10
	00-02	7	12	11	7	7	2	#	1	3	5	11	10	6	
	03-05	8	12	12	7	10	4	2	2	4	5	12	9	7	
CIG/VSBY	06-08	9	13	13	10	10	4	2	4	6	9	11	11	9	
	09-11	7	10	11	8	7	2	1	2	3	7	10	10	7	
LESS THAN	12-14	5	8	10	7	5	1	1	1	2	6	8	8	5	
	15-17	6	6	11	5	5	1	#	1	2	5	7	7	5	
1000/2	18-20	7	9	11	6	5	2	#	1	1	5	10	9	6	
	21-23	7	11	12	6	6	2	#	#	3	6	10	8	6	
	00-24	7	10	11	7	7	2	1	2	3	6	10	9	6	10
	00-02	1	3	2	1	1	#	0	#	#	#	1	2	1	
	03-05	2	3	2	1	1	1	1	#	#	1	2	1	1	
CIG/VSBY	06-08	2	3	2	2	1	0	#	1	#	1	2	3	1	
	09-11	#	1	1	1	#	0	0	0	0	1	2	1	1	
LESS THAN	12-14	#	#	1	1	#	0	0	0	0	#	1	1	#	
	15-17	1	0	1	1	0	0	#	0	#	0	1	1	#	
200/½	18-20	1	1	1	1	#	0	0	0	0	#	3	1	1	
	21-23	1	2	1	1	#	0	0	0	#	#	2	2	1	
	00-24	1	2	1	1	#	#	#	#	#	#	2	2	1	10

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A W S CLIMATIC BRIEF L I M I T E D December 1987	Station Name: FORT CARSON/BUTTS AAF CO Latitude/Longitude: N38 41 W104 46 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Aug 77 to Jul 87 Hours Summarized: 05-22 LST LST = GMT -7	Field Elev: 5,871 ft Station MSC: 724680 Call Sign: KFCS Supersedes: Jan 1976

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	42	46	51	60	69	80	86	83	74	63	51	43	62	10
MEAN TEMP °F	32	36	41	49	58	68	74	71	63	52	41	34	52	10
MEAN MIN TEMP °F	22	25	30	38	46	56	61	59	51	41	31	24	40	10
VPR PRESS "Hg	.08	.10	.11	.14	.21	.29	.34	.36	.25	.16	.11	.09	.17	10
MEAN DEW POINT °F	14	17	21	25	36	44	48	50	40	29	21	16	31	10
99.95% WCPA Ft	6400	6450	6550	6500	6350	6150	5950	5950	6200	6300	6450	6500	6350	10
MEAN RH 07 LST %	55	58	58	55	60	55	55	62	56	55	58	55	57	10
MEAN RH 13 LST %	45	43	40	33	39	34	31	38	33	34	39	43	38	10
MEAN WND DRCTN	$N	N	N	N	N	N	N	N	SSE	N	N	$N	N	10
MEAN WND SPD Kts	5	6	7	8	7	6	6	5	6	6	6	5	6	10
MAX WND SPD Kts	58	68	63	88	75	59	63	51	50	62	63	60	88	25
NEG CEILING %	63	63	53	60	51	62	66	63	70	69	67	68	63	10

SUPPLEMENTAL SUMMARY OF DAY DATA SECTION. The data in this section has been supplemented by data from other sources and combined by a climatologist to result in an artificial representation of means and extremes. Since the data does not represent true means and extremes (as for a 24-hour, 7-day station), it should be considered "informational" and used with caution. Note: Values with no zeroes following their decimal points have been rounded.

XTRM MAX TEMP °F	72	75	80	83	92	99	100	99	95	85	78	76	100	25
MEAN TEMP °F	31	34	39	47	57	67	73	70	62	51	40	32	52	25
XTRM MIN TEMP °F	-27	-18	-12	0	20	33	42	44	25	5	-11	-16	-28	25
MAX 24HR PRECIP "	.6	1.0	1.3	2.2	2.9	2.4	2.1	2.6	2.0	1.7	1.0	.9	2.9	25
MAX PRECIP "	1.3	2.1	3.0	3.6	10.	5.5	6.6	6.6	5.8	5.9	4.5	2.2	10.	25
MEAN PRECIP "	.2	.3	.8	1.1	1.5	2.2	3.2	1.9	1.3	1.1	.4	.3	14.	25
MIN PRECIP "	#	#	#	#	.2	.3	1.1	.3	.1	.1	#	#	#	25
MAX 24HR SNFL "	10	10	10	12	10	#	0	0	8	16	9	10	16	25
MAX SNFL "	20	18	31	10	3	#	0	0	12	21	18	16	31	25
MEAN SNFL "	4	3	6	6	#	#	0	0	0	1	3	4	27	25
MIN SNFL "	#	#	#	#	0	0	0	0	0	0	#	#	0	25
D/W TSTORMS	0	#	1	3	7	10	14	12	4	1	#	#	52	25
D/W FOG	5	5	6	3	3	2	2	2	3	4	4	4	43	25
D/W MEAS PRECIP	4	3	6	6	10	9	13	11	7	5	4	4	82	25

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: This is a "limited" Climatic Brief because Butts AAF is a part-time observing station, open only from 0500 to 2200 LST 7 days a week.

A W S CLIMATIC BRIEF L I M I T E D December 1987	Station Name: FORT CARSON/BUTTS AAF CO Latitude/Longitude: N38 41 W104 46 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Aug 77 to Jul 87 Hours Summarized: 05-22 LST LST = GMT -7	Field Elev: 5,871 ft Station MSC: 724680 Call Sign: KFCS Supersedes: Jan 1976

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	05-08	18	19	18	13	13	7	5	9	8	13	13	15	13	10
	09-11	14	16	16	8	11	5	3	7	8	9	12	13	10	10
LESS THAN	12-14	10	13	11	5	9	3	1	4	5	6	9	13	7	10
	15-17	11	11	9	4	7	3	1	3	4	5	8	10	6	10
3000/3	18-20	12	11	10	5	7	3	3	2	5	5	7	6	6	10
	21-22	10	11	12	7	6	3	1	2	4	5	7	8	6	10
CIG/VSBY	05-08	14	16	15	10	9	5	4	6	7	11	11	12	10	10
	09-11	11	14	13	6	6	3	2	4	6	7	8	11	8	10
LESS THAN	12-14	7	10	10	2	5	1	#	2	4	4	6	10	5	10
	15-17	7	9	7	2	4	1	0	1	3	3	6	8	4	10
1500/3	18-20	6	9	7	3	5	#	1	2	2	2	5	3	4	10
	21-22	6	9	8	3	5	#	1	2	2	3	5	6	4	10
CIG/VSBY	05-08	12	14	13	8	8	4	3	5	6	9	10	10	9	10
	09-11	9	11	11	4	3	2	1	2	4	5	7	9	6	10
LESS THAN	12-14	5	8	7	2	3	1	#	1	3	2	5	7	4	10
	15-17	5	5	5	1	3	#	0	1	3	2	4	6	3	10
1000/2	18-20	5	6	6	1	4	0	1	1	1	1	2	3	3	10
	21-22	3	6	7	2	4	#	1	1	2	2	3	5	3	10
CIG/VSBY	05-08	3	7	5	2	1	#	#	1	1	3	4	2	2	10
	09-11	1	2	2	1	1	0	0	0	#	#	1	2	1	10
LESS THAN	12-14	1	1	1	1	#	0	0	0	0	0	#	1	#	10
	15-17	1	1	1	#	0	0	0	0	#	0	1	2	1	10
200/½	18-20	1	1	1	0	0	0	0	0	0	0	0	#	#	10
	21-22	#	3	1	0	0	0	0	0	0	0	#	1	#	10

AWS CLIMATIC BRIEF

Prepared by ETAC (JUL 1971)

LA JUNTA MUNI, COLORADO — N 38 03 W 103 31 — PERIOD:1942-70B — ELEVATION: 4248 ft

WBAN # 23067 — WMO # — STN LTRS: KLHX

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND) [1]	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≤ 90	MAXIMUM ≤ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	76	45	15	-23	0.4	0.7	5	9	WSW	8	47	69	47	17	.10	4900	4	#	3	1	0	5	0	0	30	4	4
FEB	80	50	20	-19	0.3	0.5	4	8	W	9	55	70	41	22	.12	4800	4	#	3	1	#	6	0	#	26	1	4
MAR	88	55	25	-17	0.6	1.2	5	10	W	10	56	68	37	23	.12	5000	6	#	3	1	#	7	0	1	25	1	5
APR	92	68	38	10	1.0	1.8	1	9	E	10	55	72	38	33	.19	4900	6	#	1	#	1	4	#	6	8	0	5
MAY	99	78	48	22	1.8	1.8	#	3	E	9	47	75	38	42	.27	4650	8	1	#	#	6	4	5	16	#	0	5
JUN	107	89	58	39	1.2	2.8	0	0	E	9	47	70	35	51	.38	4650	6	1	0	0	8	3	15	25	0	0	4
JUL	109	94	63	48	2.1	2.8	0	0	ESE	8	40	74	34	57	.47	4450	8	1	0	0	10	1	23	30	0	0	4
AUG	106	91	61	48	1.3	2.0	0	0	ESE	8	40	76	35	56	.45	4400	6	1	0	0	7	2	21	29	0	0	4
SEP	101	83	52	30	0.9	2.1	#	#	E	8	40	69	33	47	.32	4550	4	#	0	0	3	5	10	21	#	0	3
OCT	94	72	40	14	0.8	2.0	1	4	W	7	47	68	34	35	.20	4650	3	#	#	#	1	3	1	9	5	0	3
NOV	80	56	27	-9	0.4	1.0	2	5	W	8	55	68	38	24	.13	4750	4	#	1	1	#	3	0	#	23	#	4
DEC	79	48	18	-20	0.2	0.4	4	7	W	8	55	70	46	19	.11	4950	3	0	2	1	0	4	0	0	30	1	4
ANN	109	69	39	-23	11.0	2.8	22	10	W	8	56	71	38	35	.20	4750	62	4	13	5	36	47	75	137	147	1	4
EYR	23	23	23	23	23	23	23	23	19	19	19	19	19	19	19	17	23	23	23	23	23	23	23	23	23	23	17

REMARKS

[1] HIGHEST HOURLY WIND SPEED CLASS INTERVAL.

RUSSWO POR: HRLY OBS: NOV 42-JUN 45, JUN 48-DEC 54. DAILY OBS: JAN 48-DEC 70.

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	12	14	17	12	12	8	4	4	7	7	6	10	9	
	03-05	13	15	19	15	17	11	8	6	9	9	6	11	12	
	06-08	13	15	20	16	17	13	10	8	12	11	9	12	13	
	09-11	13	16	16	16	16	8	6	5	10	9	10	10	11	
	12-14	13	14	14	14	13	3	2	2	4	7	6	7	8	
	15-17	11	11	13	12	9	3	2	1	3	6	5	7	7	
	18-20	11	8	13	12	8	5	2	2	3	6	4	7	7	
	21-23	12	12	13	12	8	7	3	2	6	6	6	8	8	
	ALL HOURS	12	13	15	14	13	7	4	4	7	8	7	9	10	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	9	11	11	7	6	6	3	2	5	5	5	7	6	
	03-05	9	13	14	8	10	7	5	5	6	6	5	8	8	
	06-08	10	13	16	11	12	8	7	6	10	9	7	9	10	
	09-11	10	13	12	8	9	3	2	2	6	6	6	7	7	
	12-14	9	9	10	5	6	1	#	#	2	4	4	4	5	
	15-17	7	7	10	5	5	2	1	1	1	4	2	4	4	
	18-20	6	6	9	6	4	3	1	1	2	4	3	4	4	
	21-23	8	10	9	8	5	5	2	1	4	4	4	6	6	
	ALL HOURS	8	10	11	7	7	4	3	2	4	5	4	6	6	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	6	9	8	6	3	4	2	1	4	3	4	5	5	
	03-05	7	10	9	6	7	6	4	4	6	5	5	7	6	
	06-08	7	10	12	8	8	4	4	4	8	6	5	8	7	
	09-11	7	8	8	4	5	1	1	#	2	3	4	6	4	
	12-14	6	5	7	2	4	1	#	0	1	2	2	2	3	
	15-17	4	4	6	3	3	1	#	1	1	2	2	3	3	
	18-20	3	5	7	4	3	1	#	1	2	2	3	2	3	
	21-23	5	7	6	5	3	3	1	1	3	2	4	4	4	
	ALL HOURS	6	7	8	5	5	2	2	1	3	3	4	5	4	19
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	3	2	1	#	1	0	#	1	#	1	1	1	
	03-05	3	4	3	2	1	1	1	1	1	#	2	2	2	
	06-08	3	3	3	2	#	#	#	#	1	1	2	2	1	
	09-11	1	1	2	1	0	0	0	0	0	0	#	1	1	
	12-14	1	1	1	1	0	0	0	0	0	0	1	1	1	
	15-17	1	1	1	#	0	0	0	#	#	0	1	#	#	
	18-20	1	2	1	#	0	#	0	0	0	#	#	#	#	
	21-23	1	3	2	1	0	#	0	#	#	0	1	1	1	
	ALL HOURS	2	2	2	1	#	#	#	#	1	1	1	1	1	19

A W S	STATION NAME: PETERSON AFB/COLORADO SPRINGS CO	FIELD ELEV: 6172 FT
	LATITUDE/LONGITUDE: 38 49 N 104 43 W	STATION MSC: 724660
CLIMATIC BRIEF	HOURLY OBS POR: OCT 79 - SEP 89	CALL SIGN: KCOS
	SUMMARY OF DAY POR: SEP 42 - SEP 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: NOV 85
MAR 90	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	72	76	81	83	93	100	100	99	95	86	78	77	100	48
MEAN MAX TEMP (F)	42	45	50	59	68	79	85	82	75	64	51	44	62	48
MEAN TEMP (F)	29	32	37	46	55	65	71	69	61	51	38	31	49	48
MEAN MIN TEMP (F)	16	19	24	33	42	51	57	56	47	37	25	18	36	48
EXTRM MIN TEMP (F)	-26	-27	-16	-3	21	32	42	43	22	5	-8	-17	-27	48
D/W TEMP GE 95 (F)	0	0	0	0	0	1	1	1	#	0	0	0	3	48
D/W TEMP GE 90 (F)	0	0	0	0	#	4	9	4	1	0	0	0	18	48
D/W TEMP LT 33 (F)	30	26	26	14	2	#	0	0	1	8	24	29	160	48
D/W TEMP LT 0 (F)	3	1	1	#	0	0	0	0	0	0	1	1	7	48
HEATING DEGREE DAYS	1100	912	860	549	296	77	6	14	138	414	797	1018	6181	38
COOLING DEGREE DAYS	0	0	0	#	8	98	208	157	48	1	0	0	520	38
MEAN DEWPOINT TEMP (F)	11	12	17	22	34	42	46	49	38	27	17	12	27	10
MEAN WET BULB TEMP (F)	24	25	31	37	45	53	57	57	49	39	30	24	39	10
99.95% WCPA (FT)	6150	6150	6250	6150	6050	5900	5750	5750	5900	6000	6150	6150	6100	10
MEAN REL HUM 07 LST(%)	51.0	53.4	55.2	50.6	57.6	55.2	51.7	61.9	58.8	53.9	54.1	53.0	54.7	10
MEAN REL HUM 13 LST(%)	35.6	37.4	34.8	28.9	36.2	33.2	29.7	38.1	34.2	31.3	32.8	39.0	34.3	10
MAX 24HR PRECIP (IN)	.77	1.49	1.40	2.30	2.23	2.65	3.00	2.98	1.38	1.54	.81	.66	3.00	48
MAX PRECIP (IN)	1.17	2.45	2.38	5.90	5.67	8.00	5.27	6.06	4.28	5.01	2.21	1.05	25.43	48
MEAN PRECIP (IN)	.31	.36	.81	1.27	2.26	2.04	2.86	2.80	1.15	.84	.47	.36	15.57	48
MIN PRECIP (IN)	#	.03	.01	.01	.33	.15	.67	.15	#	.01	#	#	8.59	48
D/W PRECIP GE .01 (IN)	5	5	7	7	10	9	13	12	6	5	4	4	87	48
D/W PRECIP GT .50 (IN)	#	#	1	1	1	1	1	2	1	1	#	#	9	48
MAX 24HR SNFL (IN)	22.0	14.8	13.3	16.7	14.9	1.1	0	0	13.6	13.8	8.5	9.1	22.0	43
MAX SNFL (IN)	28.7	23.2	23.2	42.7	19.4	1.1	0	0	27.9	25.9	22.3	18.2	96.4	43
MEAN SNFL (IN)	5.3	5.5	9.3	6.1	1.4	#	0	0	1.1	3.0	5.3	5.8	42.8	43
D/W SNFL GE .1 (IN)	5	5	7	4	1	#	0	0	1	2	4	4	33	43
D/W SNFL GE 1.5 (IN)	1	1	2	1	1	0	0	0	1	1	1	1	10	43
MAX DLY SNO DEPTH (IN)	16	12	14	12	11	#	0	0	12	20	12	10	20	43
PRVLNG WND DIR (DEG)	35-01	35-01	35-01	35-01	35-01	14-16	35-01	35-01	14-16	35-01	35-01	02-04	35-01	10
MEAN WND SPD (KTS)	7	8	9	9	9	8	7	7	8	8	8	7	8	10
MAX WND SPD (KTS)	70	63	73	56	61	78	56	47	64	54	70	70	78	33
SKY COVER GT 5/10 (%)	43.0	49.2	54.0	50.1	55.0	47.9	42.0	48.1	40.0	40.9	45.0	45.0	46.9	10
D/W THUNDERSTORMS	0	#	1	2	8	11	16	13	5	1	#	0	57	40
D/W FOG (VSBY LT 7 MI)	5	5	6	4	4	3	2	3	4	4	4	4	48	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	15.2	20.1	20.1	12.8	11.5	6.6	3.8	7.4	12.4	12.9	12.9	17.1	12.7	10
	03 - 05	15.3	19.1	19.5	13.8	14.0	8.8	4.6	8.3	14.2	13.1	13.0	16.0	13.3	10
CIG	06 - 08	14.3	18.3	17.7	13.0	12.4	10.2	6.5	9.2	13.9	13.9	13.6	16.1	13.3	10
LT 3000 FT	09 - 11	12.3	17.9	17.0	10.7	12.6	8.3	3.2	7.0	12.6	11.7	13.1	13.8	11.7	10
AND/OR	12 - 14	10.2	16.6	14.2	8.7	8.7	4.1	1.9	4.4	9.0	9.4	12.0	14.2	9.4	10
VSBY	15 - 17	11.6	15.8	13.2	8.9	6.6	2.8	1.2	2.3	7.2	8.2	10.8	14.7	8.6	10
LT 3 MI	18 - 20	11.8	16.4	12.2	11.6	7.6	2.8	2.0	3.2	8.1	9.1	11.9	15.6	9.4	10
	21 - 23	13.8	19.2	15.9	12.0	11.4	4.7	2.6	4.2	9.5	10.8	13.8	16.9	11.2	10
	ALL	13.1	17.9	16.2	11.4	10.6	6.0	3.2	5.8	10.9	11.1	12.6	15.5	11.2	10
	00 - 02	11.2	14.4	15.2	7.8	7.0	3.2	2.2	4.5	9.0	8.4	9.1	13.0	8.7	10
	03 - 05	12.2	15.1	16.2	9.0	7.1	5.6	3.3	6.0	10.1	10.9	9.9	13.1	9.9	10
CIG	06 - 08	11.1	15.4	15.3	9.8	7.8	7.5	4.2	7.4	11.3	10.9	9.9	13.8	10.4	10
LT 1500 FT	09 - 11	10.0	14.7	12.7	7.3	6.6	2.6	1.3	4.5	8.8	9.1	9.3	10.8	8.1	10
AND/OR	12 - 14	8.1	13.3	10.6	4.9	4.5	.9	.9	1.7	5.2	5.7	7.8	11.2	6.2	10
VSBY	15 - 17	7.6	11.4	9.5	4.7	2.4	.9	.0	.6	3.9	4.2	6.7	11.1	5.2	10
LT 3 MI	18 - 20	9.0	10.4	8.2	5.2	3.3	.8	1.1	1.7	4.3	5.3	8.7	11.4	5.8	10
	21 - 23	11.2	13.3	11.7	6.0	5.5	2.3	1.0	2.6	6.0	7.2	10.2	12.2	7.4	10
	ALL	10.0	13.5	12.4	6.8	5.5	3.0	1.7	3.6	7.3	7.7	8.9	12.1	7.7	10
	00 - 02	10.1	12.7	13.3	6.2	5.9	2.7	1.7	3.1	6.7	7.6	8.2	11.6	7.5	10
	03 - 05	10.3	13.1	14.8	7.9	5.4	4.6	2.8	5.1	9.3	9.8	8.8	11.9	8.6	10
CIG	06 - 08	9.1	13.9	14.2	8.6	5.8	5.6	3.8	6.5	10.3	9.5	8.8	11.8	9.0	10
LT 1000 FT	09 - 11	7.3	11.3	11.3	5.4	4.5	1.7	.8	2.9	7.4	7.3	7.9	9.1	6.4	10
AND/OR	12 - 14	5.9	9.8	9.4	3.2	2.5	.6	.4	1.2	4.4	4.6	6.6	8.6	4.8	10
VSBY	15 - 17	6.1	8.3	7.2	3.2	1.5	.1	.0	.4	3.3	2.9	5.3	8.9	3.9	10
LT 2 MI	18 - 20	7.2	8.1	6.5	3.0	2.8	.1	.9	1.4	3.2	3.5	6.7	9.2	4.4	10
	21 - 23	9.4	11.0	8.6	5.0	4.3	1.8	.9	1.8	4.6	6.3	8.8	10.2	6.1	10
	ALL	8.2	11.0	10.7	5.3	4.1	2.1	1.4	2.8	6.2	6.5	7.6	10.2	6.3	10
	00 - 02	2.6	4.0	3.7	.9	.8	.4	.0	1.1	2.0	3.0	2.4	2.9	2.0	10
	03 - 05	2.7	4.7	4.5	1.8	.6	1.1	.5	.9	2.8	2.9	2.8	3.2	2.4	10
CIG	06 - 08	3.5	5.1	4.4	2.2	.6	1.1	.6	.5	2.1	2.9	2.6	3.2	2.4	10
LT 200 FT	09 - 11	1.7	3.3	2.5	.7	.4	.0	.1	.0	.6	1.6	1.3	2.6	1.2	10
AND/OR	12 - 14	1.0	2.0	1.8	.8	.0	.0	.0	.0	.1	1.0	1.0	1.6	.8	10
VSBY	15 - 17	1.0	2.0	.3	.2	.1	.0	.0	.0	.7	1.0	1.1	1.7	.7	10
LT 1/2 MI	18 - 20	1.4	2.6	.3	.0	.3	.0	.0	.1	1.1	.8	1.2	3.1	.9	10
	21 - 23	2.4	4.1	2.2	.1	.3	.1	.1	.4	1.4	2.4	2.3	3.0	1.6	10
	ALL	2.0	3.5	2.5	.8	.4	.3	.2	.4	1.3	1.9	1.8	2.7	1.5	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS :

A W S CLIMATIC BRIEF December 1987	Station Name: PUEBLO MEMORIAL AIRPORT CO Latitude/Longitude: N38 17 W104 30 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Oct 42 to Dec 45 Jan 48 to Jun 52 Jan 54 to Jul 87 LST = (> -7	Field Elev: 4,726 ft Station MSC: 72460 Call Sign: KPUB

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	78	81	84	90	98	106	106	104	99	92	84	82	106	41
MEAN MAX TEMP °F	45	51	56	67	76	87	92	90	81	70	56	48	68	41
MEAN TEMP °F	30	36	41	52	61	71	77	75	66	54	41	33	53	41
MEAN MIN TEMP °F	14	20	25	36	46	55	61	59	50	37	24	17	37	41
XTRM MIN TEMP °F	-29	-31	-20	2	25	38	48	40	27	14	-14	-28	-31	41
D/W TEMP ≥ 95°F	0	0	0	0	#	6	13	7	2	0	0	0	28	41
D/W TEMP ≥ 90°F	0	0	0	#	2	13	22	18	7	#	0	0	62	41
D/W TEMP ≤ 32°F	30	26	25	9	1	0	0	0	#	8	25	30	154	41
D/W TEMP ≤ 10°F	9	4	2	#	0	0	0	0	0	0	2	6	23	41
VPR PRESS "Hg	.11	.11	.14	.16	.25	.32	.38	.42	.29	.18	.13	.11	.20	10
MEAN DEWPOINT °F	19	21	25	29	40	47	51	54	44	32	24	19	34	10
99.95% WCPA Ft	5250	5300	5400	5400	5250	5100	4950	4900	5150	5200	5350	5300	5250	11
MEAN RH 07 LST %	81	80	73	63	69	62	59	69	66	70	77	76	70	10
MEAN RH 13 LST %	53	45	39	31	37	30	28	35	32	33	41	48	38	10
MAX 24HR PRECIP "	.4	.6	.9	2.0	2.3	2.2	2.0	3.0	1.6	2.8	.7	.7	3.0	41
MAX PRECIP "	1.5	1.4	2.3	4.0	5.4	4.3	4.8	5.9	2.7	4.9	2.4	1.0	5.9	41
MEAN PRECIP "	.3	.3	.7	1.0	1.5	1.2	2.0	1.8	.8	.8	.4	.4	11.2	41
MIN PRECIP "	#	#	.1	#	3	.1	.1	.1	#	#	.0	#	.0	41
D/W PRECIP ≥ .01"	5	4	6	5	8	7	9	8	5	4	3	4	68	41
D/W PRECIP ≥ .5"	0	#	#	#	1	1	1	1	#	#	#	#	4	41
MAX 24HR SNFL "	9	6	9	13	5	0	0	0	10	13	16	7	16	41
MAX SNFL "	19	14	22	21	5	0	0	0	14	13	24	15	24	41
MEAN SNFL "	6	4	7	3	#	0	0	0	1	1	4	5	31	41
D/W SNFL ≥ .1"	5	4	5	2	#	0	0	0	#	1	2	4	23	41
D/W SNFL ≥ 1.5"	1	1	2	1	#	0	0	0	#	#	1	1	7	41
MEAN WND DRCTN	$W	$SE	N	N	SE	SE	SE	SE	SE	$W	$W	$W	SE	10
MEAN WND SPD Kts	6	7	9	10	9	8	8	7	7	7	7	7	8	10
MAX WND SPD** Kts	59	62	75	62	66	56	61	55	51	58	55	55	75	13
MEAN CLD CVR 10th	5	-	6	5	6	5	5	5	4	4	5	5	5	10
D/W TSTORMS	0	@	#	1	6	8	12	9	3	1	#	0	40	41
D/W FOG VSBY <7mi	4	4	4	2	2	1	1	1	3	3	4	3	32	41

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS:

A W S CLIMATIC BRIEF December 1987	Station Name: PUEBLO MEMORIAL AIRPORT CO Latitude/Longitude: N38 17 W104 30 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Oct 42 to Dec 45 Jan 48 to Jun 52 LST - GMT -7 Jan 54 to Jul 87	Field Elev: 4,726 ft Station MSC: 72460 Call Sign: KPUB

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	16	16	16	8	6	4	2	5	9	9	14	16	10	8
	03-05	17	18	16	9	10	7	4	7	9	11	14	16	12	10
CIG/VSBY	06-08	18	18	19	12	14	9	3	10	9	11	15	17	13	10
	09-11	16	17	16	9	13	7	3	6	8	10	14	16	11	10
LESS THAN	12-14	12	14	12	5	9	4	1	4	6	5	11	10	8	10
	15-17	11	12	9	4	6	2	1	2	4	5	9	11	6	10
3000/3	18-20	12	11	9	4	5	2	1	3	4	4	11	11	6	10
	21-23	15	14	14	5	5	2	1	4	6	8	13	14	8	10
	00-24	15	15	14	7	9	5	2	5	7	8	13	14	10	
	00-02	10	13	11	4	1	1	1	3	5	7	11	12	7	8
	03-05	12	14	11	5	6	3	2	4	6	8	12	12	8	10
CIG/VSBY	06-08	13	15	15	9	8	5	3	5	6	7	12	14	9	10
	09-11	12	13	12	5	4	2	1	2	4	5	10	12	7	10
LESS THAN	12-14	7	8	7	3	3	1	#	1	2	2	7	8	4	10
	15-17	6	6	5	2	3	#	#	1	2	2	5	7	3	10
1500/3	18-20	6	7	4	2	3	1	1	1	2	2	6	6	3	10
	21-23	11	8	7	3	2	1	1	2	3	4	10	9	5	10
	00-24	10	11	9	4	4	2	1	2	4	5	9	10	6	
	00-02	8	9	9	3	1	1	#	1	3	5	8	9	5	8
	03-05	9	9	9	4	3	2	2	2	5	7	10	10	6	10
CIG/VSBY	06-08	10	12	13	6	4	3	2	4	4	6	10	11	7	10
	09-11	9	10	8	3	1	1	1	1	3	3	9	11	5	10
LESS THAN	12-14	4	5	4	1	2	1	#	#	1	1	3	5	2	10
	15-17	4	3	3	2	2	#	#	1	1	1	3	5	2	10
1000/2	18-20	5	5	2	2	2	#	1	1	1	1	4	4	2	10
	21-23	7	6	5	2	1	#	1	1	3	3	8	7	4	10
	00-24	7	7	7	3	2	1	1	1	3	3	7	8	4	
	00-02	1	2	#	0	0	0	0	0	0	#	2	2	1	8
	03-05	1	2	1	1	1	0	0	#	1	2	2	2	1	10
CIG/VSBY	06-08	2	2	1	1	#	0	#	#	#	1	3	3	1	10
	09-11	1	1	#	#	0	0	0	0	#	0	1	1	#	10
LESS THAN	12-14	#	0	#	#	0	0	0	0	0	0	#	#	#	10
	15-17	1	#	#	#	0	0	0	0	#	0	#	#	#	10
200/½	18-20	#	#	#	#	0	0	0	0	0	0	#	#	#	10
	21-23	1	1	#	0	0	0	0	0	0	0	1	1	#	10
	00-24	1	1	#	#	#	0	#	#	#	#	1	1	#	

A W S CLIMATIC BRIEF L I M I T E D April 1988	Station Name: USAF ACADEMY CO Latitude/Longitude: N 38 58 W 104 49 Hourly Obs POR: Nov 77 to Oct 87 Summary of Day POR: None Hours Summarized: 0400-1700LST LST = GMT -7	Field Elev: 6,572 ft Station MSC: 745310 Call Sign: KAFF Supersedes: Apr 1985

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	40	43	48	57	63	75	82	78	72	61	48	43	59	10
MEAN TEMP °F	30	33	38	45	52	62	69	66	59	49	38	34	48	10
MEAN MIN TEMP °F	20	22	28	33	40	48	54	53	46	36	28	24	36	10
VAPOR PRESS IN Hg	.08	.08	.11	.13	.20	.27	.31	.32	.23	.14	.10	.08	.16	10
MEAN DEW POINT °F	13	14	20	24	35	42	46	47	38	26	18	13	29	10
99.95% WCPA Ft	7150	7150	7250	7150	7000	6800	6650	6150	6850	6950	7150	7150	705(	)
MEAN RH 07 LST %	60	61	65	62	67	62	58	66	61	61	60	55	62	10
MEAN RH 13 LST %	42	39	41	36	45	38	33	40	34	33	38	38	38	10
MEAN WND DRCTN	N	N	N	N	N	N	N	N	N	N	N	N	N	10
MEAN WND SPD Kts	7	7	8	9	8	7	6	6	7	7	7	7	7	10
HI WND SPD** Kts	*	*	*	*	*	*	*	*	*	*	*	*	*	NA
NEG CEILING %	58	57	50	52	44	59	63	57	64	62	56	62	57	10

SUPPLEMENTAL SUMMARY OF DAY DATA SECTION. The data in this section was developed by supplementing the "part-time" observing records of this station with observations from the nearby full-time National Weather Service station at Colorado Springs. This section does not provide true means and extremes as for a 24-hour, 7-day, station; the data should therefore be considered "informational" and applied with extreme caution. Note: Values with no figure following the decimal point have been rounded.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	71	73	79	82	90	99	99	97	92	84	77	72	99	30
MEAN TEMP °F	30	33	38	45	52	62	69	66	59	49	38	34	48	30
XTRM MIN TEMP °F	-23	-27	-11	-2	22	31	40	42	21	6	-7	-16	-27	30
MAX 24HR PRECIP "	.7	.5	1.2	2.4	2.4	3.4	2.0	3.2	1.6	1.6	1.4	1.5	3.4	30
MAX PRECIP "	1.1	1.2	3.2	4.3	5.9	6.4	6.1	6.3	4.4	2.9	2.2	1.5	25.	30
MEAN PRECIP "	.4	.5	.9	1.4	2.4	1.9	2.5	3.0	.9	.6	.5	.4	15.	30
MIN PRECIP "	#	#	#	#	.2	.1	.7	.1	#	#	#	#	8.6	30
MAX 24HR SNFL "	10	16	14	17	15	1	0	0	17	12	15	15	17	30
MAX SNFL "	13	23	23	96	16	1	0	0	20	22	20	19	96	30
MEAN SNFL "	5	6	9	7	2	#	0	0	1	3	6	6	44	30
D/W TSTORMS	0	#	#	2	8	11	13	11	4	1	#	0	50	30
D/W FOG VSBY <7mi	5	5	6	4	5	3	2	2	4	3	4	4	47	30
D/W MEAS PRECIP	5	5	7	7	11	8	11	12	7	5	4	4	86	30

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
\# = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS: 1. This is a "limited" Climatic Brief because it is for a "part-time" station.

A W S CLIMATIC BRIEF L I M I T E D April 1988	Station Name: USAF ACADEMY CO Latitude/Longitude: N 38 58 W 104 49 Hourly Obs POR: Nov 77 to Oct 87 Summary of Day POR: None Hours Summarized: 0400-1700LST LST = GMT -7	Field Elev: 6,572 ft Station MSC: 745310 Call Sign: KAFF Supersedes: Apr 1985

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	04-05	13	27	19	18	19	12	5	11	12	17	21	12	16	7
	06-08	17	18	22	17	20	12	6	10	11	16	16	17	15	10
LESS THAN	09-11	13	15	17	11	18	9	5	8	11	12	13	12	12	10
	12-14	11	12	12	9	13	6	2	5	7	8	11	9	9	10
3000/3	15-17	10	8	10	7	9	3	1	3	4	4	8	8	6	10
CIG/VSBY	04-05	12	23	16	14	14	8	4	8	9	11	18	9	12	7
	06-08	13	14	18	13	14	7	4	7	9	12	13	14	12	10
LESS THAN	09-11	10	12	14	8	10	4	2	4	6	9	9	11	8	10
	12-14	7	9	8	5	6	3	1	2	4	5	8	7	5	10
1500/3	15-17	5	6	7	4	4	2	#	2	2	2	5	3	4	10
CIG/VSBY	04-05	7	18	9	10	10	4	3	6	6	9	14	9	9	7
	06-08	9	12	16	9	9	4	2	6	5	10	9	11	9	10
LESS THAN	09-11	7	9	11	6	6	2	1	3	3	6	6	8	6	10
	12-14	4	6	6	3	4	2	#	2	2	3	5	5	4	10
1000/2	15-17	3	4	5	2	2	2	0	1	1	2	3	2	2	10
CIG/VSBY	04-05	5	10	4	3	2	1	1	1	1	2	5	2	3	7
	06-08	4	3	6	2	3	#	0	1	1	2	3	2	2	10
LESS THAN	09-11	1	1	2	1	1	#	0	#	1	1	2	2	1	10
	12-14	0	1	3	1	#	#	0	#	#	#	1	1	1	10
200/½	15-17	#	1	1	0	0	#	0	0	#	#	#	1	#	10

AWS CLIMATIC BRIEF

BRADLEY INTL/WINDSOR LOCKS/HARTFORD, CONN. PERIOD 1931-70 — WBAN # 14740, WMO # 72508

Prepared by ETAC (Jan 1972) — N 41 56 W 72 41 — FIELD ELEVATION: 173 ft — STN LTRS: KBDL

MONTH	TEMPERATURE (°F) [1]				PRECIPITATION (in) [1]				WIND (KT) [1,3]			MEAN					MEAN NUMBER OF DAYS									MEAN CLDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FASTEST) SPEED (MILE)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (mb)	PRESSURE ALTITUDE (feet) 99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	66	35	17	-26	3.6	2.4	13	14	NW	8	43	76	62	18	.10	1100	11	2	7	3	#	13	0	0	29	2	6
FEB	68	36	18	-21	2.9	2.2	12	15	NW	9	46	75	59	19	.11	1100	10	2	6	2	#	11	0	0	25	2	6
MAR	77	45	27	-8	3.8	2.5	11	14	NW	9	43	76	55	24	.13	1000	11	3	5	2	1	12	0	0	23	#	6
APR	94	60	37	9	3.7	3.0	1	5	S	9	41	79	49	34	.20	950	12	3	1	#	1	13	#	1	9	0	7
MAY	96	72	48	28	3.4	2.7	#	#	S	8	36	84	48	45	.30	750	11	2	0	0	2	13	1	6	1	0	6
JUN	101	81	57	37	3.7	3.7	0	0	S	7	39	88	51	56	.45	650	10	2	0	0	5	15	4	17	0	0	6
JUL	102	85	62	44	3.6	3.5	0	0	S	7	31	90	52	62	.56	600	10	2	0	0	5	16	7	24	0	0	6
AUG	101	83	60	36	4.0	12.1	0	0	S	6	38	91	55	60	.52	550	10	2	0	0	4	18	3	20	0	0	6
SEP	101	75	52	27	3.7	5.3	0	0	S	7	37	91	55	53	.40	650	9	2	0	0	2	17	1	8	1	0	6
OCT	91	65	41	21	3.2	4.5	#	#	N	7	35	87	53	43	.28	800	7	2	0	0	1	14	#	2	6	0	5
NOV	74	51	32	10	3.8	3.3	1	5	S	8	44	81	58	32	.18	900	11	3	1	#	1	13	0	0	16	0	6
DEC	65	38	20	-9	3.5	2.1	10	14	N	8	43	79	63	21	.11	900	11	3	5	2	#	13	0	0	27	2	6
ANN	102	60	39	-26	42.9	12.1	48	15	S	8	46	83	55	39	.24	850	123	28	25	9	22	168	16	78	137	6	6
EYR	22	30	30	22	30	22	19	22	19	19	16	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

REMARKS

[1] EXTREMES AND MEANS INCLUDED FROM THE 1970 NOAA/EDS LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY.

[2] EXTREMES EXCEEDED AT OTHER SITES IN THE LOCALITY: MAX 24-HR SNOWFALL: 19 in IN FEB 1949. FASTEST MILE: 61 KT IN NOV 1950.

[3] FASTEST MILE CONVERTED TO KNOTS.

RUSSWO POR: HRLY AND DAILY OBS: JAN 49-MAR 68.

NOTE: "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	28	27	23	24	23	23	22	27	30	27	27	27	26	
	03-05	28	26	27	27	28	31	32	35	35	31	27	27	30	
	06-08	29	27	28	27	28	28	29	34	34	32	28	27	29	
	09-11	27	24	26	24	23	20	21	25	25	24	28	28	25	
	12-14	25	21	23	21	17	16	14	17	16	17	26	26	20	
	15-17	23	20	21	19	13	13	11	13	14	15	22	25	17	
	18-20	23	21	21	18	14	13	12	14	17	15	22	26	18	
	21-23	25	23	20	20	18	17	15	18	22	19	23	26	21	
	ALL HOURS	26	24	24	22	21	20	19	23	24	23	25	27	23	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	19	18	15	17	18	18	19	21	22	20	17	18	19	
	03-05	21	19	19	20	23	25	28	31	28	24	19	21	23	
	06-08	22	20	21	20	22	22	25	28	28	26	20	21	23	
	09-11	21	18	19	15	16	12	13	16	15	17	18	21	17	
	12-14	18	15	16	12	10	8	6	9	8	9	14	19	12	
	15-17	17	15	15	12	8	6	6	8	8	9	13	16	11	
	18-20	17	15	15	12	9	8	6	10	9	9	14	17	12	
	21-23	19	16	14	14	13	12	11	13	14	13	15	19	14	
	ALL HOURS	19	17	17	15	15	14	14	17	17	16	16	19	16	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	14	12	11	13	13	12	12	14	13	13	11	14	13	
	03-05	15	13	15	15	18	18	20	21	21	18	14	15	17	
	06-08	16	14	15	16	17	16	17	20	19	19	14	14	16	
	09-11	16	13	14	10	9	7	6	8	8	8	11	14	10	
	12-14	12	11	11	8	6	4	3	5	5	4	8	14	8	
	15-17	12	12	11	8	5	3	3	4	5	5	9	12	7	
	18-20	12	11	10	8	6	4	3	6	5	4	8	11	7	
	21-23	12	10	10	8	8	7	6	8	7	7	9	14	9	
	ALL HOURS	14	12	12	11	10	9	9	11	10	10	11	13	11	19
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	2	1	1	1	2	2	2	3	3	2	3	2	
	03-05	4	3	2	2	3	5	5	6	6	5	3	3	4	
	06-08	4	3	2	2	2	2	2	4	5	6	3	4	3	
	09-11	4	3	1	1	#	#	#	#	#	1	1	3	1	
	12-14	3	2	1	#	0	0	0	0	#	#	1	2	1	
	15-17	2	2	1	#	#	#	0	0	#	#	1	3	1	
	18-20	2	2	1	#	#	#	0	#	#	#	1	2	1	
	21-23	3	2	2	#	1	1	#	1	#	1	1	3	1	
	ALL HOURS	3	2	1	1	1	1	1	2	2	2	2	3	2	19

A W S	STATION NAME: DOVER AFB DE	FIELD ELEV: 30 FT
	LATITUDE/LONGITUDE: 39 08 N 075 28 W	STATION MSC: 724088
CLIMATIC BRIEF	HOURLY OBS POR: DEC 81 - NOV 91	CALL SIGN: KDOV
	SUMMARY OF DAY POR: DEC 42-SEP 46, JUL 49-AUG 49, AUG 50-DEC 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: OCT 87
APR 92	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	72	76	87	90	97	100	103	101	97	91	83	74	103	47
MEAN MAX TEMP (F)	41	43	52	62	72	81	85	83	77	66	56	45	64	47
MEAN TEMP (F)	33	36	44	53	63	72	77	75	69	58	47	38	56	47
MEAN MIN TEMP (F)	26	28	35	44	54	63	68	67	60	49	39	30	47	47
EXTRM MIN TEMP (F)	-5	0	9	21	33	43	52	48	39	24	14	-4	-5	47
D/W TEMP GE 90 (F)	0	0	0	#	1	4	7	5	2	#	0	0	19	47
D/W TEMP GE 80 (F)	0	0	1	2	6	17	25	22	11	2	#	0	86	47
D/W TEMP LT 33 (F)	24	20	12	2	0	0	0	0	0	1	8	19	86	47
D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	47
HEATING DEGREE DAYS	963	810	656	350	117	10	#	1	38	242	514	834	4535	49
COOLING DEGREE DAYS	0	#	2	13	74	238	374	331	157	23	2	#	1214	49
MEAN DEWPOINT TEMP (F)	22	25	31	40	52	60	66	66	58	48	38	27	45	10
MEAN WET BULB TEMP (F)	30	33	39	47	57	65	70	69	62	53	44	34	50	10
99.95% WCPA (FT)	750	750	800	750	500	450	350	350	450	450	600	650	600	10
MEAN REL HUM 07 LST(%)	69.7	70.5	70.6	72.3	76.5	76.8	79.8	82.2	82.6	80.8	76.3	69.6	75.7	10
MEAN REL HUM 13 LST(%)	57.3	56.2	52.8	56.1	58.7	56.8	58.9	61.2	59.0	57.2	57.9	56.5	57.4	10
MAX 24HR PRECIP (IN)	2.22	2.69	2.65	2.60	3.02	3.68	5.41	9.01	3.48	4.11	5.66	2.81	9.01	47
MAX PRECIP (IN)	8.19	7.51	7.53	7.13	8.07	15.29	12.60	16.57	8.17	6.91	8.61	8.19	72.79	47
MEAN PRECIP (IN)	3.13	3.01	3.90	3.27	3.60	3.35	4.19	4.48	3.55	3.03	3.43	3.57	42.65	47
MIN PRECIP (IN)	.34	1.08	1.06	.35	.55	.71	.77	.86	.44	.01	.33	.47	22.81	47
D/W PRECIP GE .01 (IN)	11	9	11	10	11	9	9	9	8	7	9	10	113	47
D/W PRECIP GT .50 (IN)	2	2	3	2	2	2	3	3	2	2	2	3	28	47
MAX 24HR SNFL (IN)	7.0	17.9	8.2	2.2	0	0	0	0	0	#	9.0	9.1	17.9	42
MAX SNFL (IN)	21.5	33.9	20.2	2.2	0	0	0	0	0	#	9.0	13.6	53.6	42
MEAN SNFL (IN)	5.5	6.2	2.1	.2	0	0	0	0	0	#	.6	2.2	17.1	42
D/W SNFL GE .1 (IN)	4	3	1	1	0	0	0	0	0	0	1	1	11	42
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	42
MAX DLY SNO DEPTH (IN)	18	26	12	1	0	0	0	0	0	0	5	12	26	42
PRVLNG WND DIR (DEG)	29-31	32-34	32-34	29-31	20-22	20-22	20-22	$20-22	$20-22	$20-22	20-22	32-34	20-22	10
MEAN WND SPD (KTS)	7	7	8	7	6	5	5	4	5	5	6	7	6	10
MAX WND SPD (KTS)	59	69	74	51	54	58	62	52	60	51	51	61	74	37
SKY COVER GT 5/10 (%)	58.5	60.0	55.3	57.4	57.0	51.3	53.6	49.8	47.7	46.9	53.3	57.7	54.0	10
D/W THUNDERSTORMS	1	1	1	3	5	5	7	6	2	1	1	1	34	47
D/W FOG (VSBY LT 7 MI)	13	12	13	13	16	16	18	21	18	16	14	13	183	47

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	18.1	20.8	19.0	22.1	14.8	9.2	10.9	11.5	15.4	15.5	16.2	16.9	15.9	10
	03 - 05	18.4	22.1	22.4	25.1	20.9	16.6	20.6	20.9	20.0	21.2	19.7	17.3	20.4	10
CIG	06 - 08	19.6	24.2	22.8	26.6	21.5	19.1	24.4	25.2	27.1	25.2	23.2	18.5	23.1	10
LT 3000 FT	09 - 11	20.2	21.4	20.0	22.7	18.5	11.7	11.4	10.8	14.8	14.6	19.2	19.4	17.1	10
AND/OR	12 - 14	18.8	20.0	16.8	19.7	15.3	7.3	6.3	7.8	11.3	11.1	14.3	16.9	13.8	10
VSBY	15 - 17	17.5	19.7	16.7	16.4	12.5	5.7	5.1	7.4	9.3	9.8	12.8	16.1	12.4	10
LT 3 MI	18 - 20	16.9	19.0	17.1	17.8	13.5	7.2	5.9	6.9	9.2	10.9	13.0	16.1	12.8	10
	21 - 23	16.5	20.8	18.8	19.9	13.3	7.7	9.2	8.0	10.3	12.6	15.2	16.3	14.0	10
	ALL	18.2	21.0	19.2	21.3	16.3	10.6	11.7	12.3	14.7	15.1	16.7	17.2	16.2	10
	00 - 02	15.6	15.6	15.3	16.9	10.8	7.8	8.5	9.9	10.1	12.7	12.2	12.9	12.4	10
	03 - 05	15.4	18.4	16.5	20.4	16.6	14.0	18.3	18.3	17.3	17.5	13.9	13.9	16.7	10
CIG	06 - 08	15.8	21.6	16.2	21.3	19.4	16.7	20.3	22.6	23.4	20.9	17.7	14.5	19.2	10
LT 1500 FT	09 - 11	17.2	19.0	15.0	16.7	14.5	7.9	7.4	7.4	10.4	11.1	13.8	15.6	13.0	10
AND/OR	12 - 14	15.4	15.6	13.8	11.6	10.1	4.7	3.7	4.3	6.1	6.8	9.1	13.5	9.6	10
VSBY	15 - 17	14.1	14.2	12.2	11.3	8.6	3.6	3.3	4.2	4.1	6.8	8.2	13.8	8.7	10
LT 3 MI	18 - 20	14.0	13.8	12.9	12.6	9.1	6.0	4.5	4.4	5.0	7.4	8.8	12.9	9.3	10
	21 - 23	14.3	15.4	13.2	15.2	9.7	6.5	6.6	5.3	7.2	10.1	10.4	12.4	10.5	10
	ALL	15.2	16.7	14.4	15.8	12.3	8.4	9.1	9.5	10.5	11.7	11.8	13.7	12.4	10
	00 - 02	13.1	11.9	12.0	14.0	9.5	6.4	3.0	4.6	6.7	9.6	9.9	11.0	9.3	10
	03 - 05	12.2	15.6	13.4	16.3	12.2	10.3	8.9	10.9	11.0	12.5	10.3	11.4	12.1	10
CIG	06 - 08	13.1	19.0	13.3	17.1	14.4	12.1	11.1	13.5	15.0	15.2	12.8	11.7	14.0	10
LT 1000 FT	09 - 11	13.1	15.8	11.1	12.4	10.5	5.0	3.9	3.8	4.9	8.4	9.6	12.0	9.2	10
AND/OR	12 - 14	11.9	11.8	10.2	7.9	6.6	3.3	1.8	1.9	2.4	5.3	5.6	11.5	6.7	10
VSBY	15 - 17	11.2	9.3	9.9	7.7	6.7	2.8	1.7	2.3	1.4	4.3	6.1	11.3	6.2	10
LT 2 MI	18 - 20	12.4	10.4	10.8	9.4	7.1	3.8	2.0	2.2	3.0	4.7	6.6	10.6	6.9	10
	21 - 23	12.5	11.0	11.6	11.2	7.5	4.6	1.6	2.0	3.8	6.6	8.7	9.9	7.6	10
	ALL	12.4	13.1	11.5	12.0	9.3	6.0	4.3	5.1	6.0	8.3	8.7	11.2	9.0	10
	00 - 02	2.6	2.8	.9	3.2	1.0	1.0	.2	.8	.4	4.1	2.4	2.8	1.8	10
	03 - 05	1.7	3.1	2.5	3.7	1.8	1.7	.9	1.8	1.9	3.8	2.3	2.3	2.3	10
CIG	06 - 08	2.9	3.7	3.5	3.4	2.3	.9	.4	1.6	1.4	3.7	2.9	2.7	2.4	10
LT 200 FT	09 - 11	2.5	3.3	1.9	.4	.5	.1	.0	.0	.0	1.5	1.7	1.4	1.1	10
AND/OR	12 - 14	2.3	1.4	.4	.1	.0	.1	.0	.0	.0	.2	.2	.4	.4	10
VSBY	15 - 17	2.0	1.4	.2	.8	.0	.1	.1	.0	.0	.5	.0	1.4	.5	10
LT 1/2 MI	18 - 20	2.8	1.8	.9	.7	.5	.1	.1	.0	.0	1.1	.8	.9	.8	10
	21 - 23	2.8	1.9	1.5	1.4	1.1	.7	.3	.1	.0	1.5	1.4	2.2	1.2	10
	ALL	2.4	2.4	1.5	1.7	.9	.6	.3	.5	.5	2.0	1.5	1.7	1.3	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

SR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/2	0/3	1/4	0/0	0/0	0/0	1/9
120NM	0/0	0/0	0/0	0/0	0/0	0/2	0/3	6/8	7/8	1/0	0/0	0/0	14/21
240NM	0/0	0/0	0/0	0/0	1/0	1/7	4/8	18/20	16/17	3/4	0/2	0/0	43/58

REMARKS : 0

PREPARED BY: USAFETAC (July 1976)

STATION NAME: Cecil Field NAS/Jacksonville, Florida
LOCATION: N 30° 13' W 81° 53'

PERIOD: 1947 -72 B
ELEV: 80 ft

STN LTRS: NZC
WBAN NO.: 93832
WMO NO: 722067

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREMES MAX	EXTREMES MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HR	MEAN RELATIVE HUMIDITY (%) LST 04-13	MEAN VAPOR PRESSURE (INCH Hg)	MEAN DEW PT (°F)	MEAN PRESSURE (FT) 99.95%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUDINESS (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01 IN	PRECIP ≥ 0.5 IN	SNOWFALL ≥ 0.1 IN	SNOWFALL ≥ 1.5 IN	THUNDERSTORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 0
JAN	64	43	54	86	19	2.9	6.7	.3	2.4	0	0	0	88	59	.30	45	400	NS	6	38	6	8	3	0	0	1	18	0	2	4	0
FEB	68	46	57	89	22	4.1	7.8	1.1	4.6	0	0	0	87	55	.31	46	500	WS	6	46	6	9	3	0	0	2	16	0	3	2	0
MAR	73	50	62	92	28	3.6	10.4	.7	4.8	0	0	0	87	51	.36	50	450	WS	6	47	5	8	3	0	0	3	16	0	0	1	0
APR	81	58	70	95	38	2.6	6.2	.7	2.5	0	0	0	90	50	.47	57	450	WS	6	40	5	7	2	0	0	4	18	2	19	0	0
MAY	87	64	76	101	47	3.7	11.3	.5	5.9	0	0	0	90	50	.58	63	350	ES	5	43	5	8	2	0	0	7	20	10	27	0	0
JUN	89	69	80	102	58	6.8	13.3	2.5	7.8	0	0	0	93	57	.71	69	300	ES	5	54	6	13	4	0	0	11	19	15	29	0	0
JUL	91	72	82	100	61	7.3	12.5	2.2	3.8	0	0	0	94	59	.79	72	450	SS	4	68	6	16	5	0	0	16	17	22	31	0	0
AUG	91	72	82	101	64	7.3	16.5	2.3	5.0	0	0	0	95	60	.79	72	300	SWS	4	48	6	14	5	0	0	14	22	21	30	0	0
SEP	87	70	79	99	49	5.8	12.5	1.5	5.9	0	0	0	94	63	.74	70	350	NS	5	52	6	11	3	0	0	6	22	11	28	0	0
OCT	80	61	71	94	37	3.8	11.7	.3	5.8	0	0	0	92	60	.56	62	400	NS	5	38	5	9	3	0	0	2	20	2	19	0	0
NOV	73	51	62	89	23	1.7	4.0	.1	1.7	0	0	0	90	57	.39	52	400	NS	5	40	5	6	1	0	0	0	19	0	7	1	0
DEC	67	45	56	87	12	2.6	7.4	.1	2.2	0	0	0	88	59	.32	47	350	NS	5	41	5	7	2	0	0	1	18	0	3	1	0
ANN	79	58	69	102	12	52.2	16.5	.1	7.8	0	0	0	91	57	.50	59	400	NS	5	68	6	116	35	0	0	67	225	83	207	11	0
EYR	21	21	21	21	21	21	21	21	21	21	21	21	23	23	23	23	23	23	23	20	23	21	21	21	21	21	21	21	21	21	21

REMARKS
SMOS (NAVY) POR:
HRLY OBS: Mar 47-Sep 47, Apr 49-Feb 50, Oct 50-Dec 72
DAILY OBS: Mar 47-Sep 47, Feb 53-Dec 72

Number observed within: (POR: 1900-1970)
A=Hurricanes/Trop Storms
B= Hurricanes Only

	A/B	Feb	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann.
60NM	0/0	0/0	4/2	3/1	5/0	10/4	8/1	0/0	0/0	0/0	30/8
120NM	0/0	1/0	7/3	6/1	13/4	16/6	14/6	1/0	1/1	59/21
240NM	1/0	2/1	14/5	14/6	23/13	42/26	30/14	2/0	1/1	129/66

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 0 % CALM DATA % PLVG. DIRCTN 2 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	29	24	18	14	11	10	5	7	12	18	25	27	17	22
	03-05	33	30	27	24	22	18	12	14	21	26	31	32	24	23
	06-08	39	39	33	33	28	24	18	25	34	35	36	40	32	23
	09-11	31	30	26	25	28	33	32	31	39	31	21	27	30	23
	12-14	26	28	22	22	26	35	39	39	45	35	21	24	30	23
	15-17	20	21	17	15	16	24	25	24	26	22	14	20	20	23
	18-20	18	19	14	11	12	16	11	13	17	18	14	19	15	23
	21-23	20	18	14	10	9	11	6	9	12	16	17	23	14	23
	ALL HRS	27	26	21	19	19	22	19	21	26	25	22	27	23	23
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	23	18	14	11	8	7	3	6	8	14	21	23	13	23
	03-05	28	26	22	20	19	16	10	12	16	21	27	27	20	23
	06-08	34	35	28	29	25	20	15	23	30	31	32	35	28	23
	09-11	24	21	16	10	6	7	5	8	13	18	16	21	14	23
	12-14	14	12	8	5	3	5	3	5	9	10	7	13	8	23
	15-17	10	11	7	5	4	6	5	6	8	9	6	12	7	23
	18-20	13	11	8	6	5	7	4	6	8	10	8	14	8	23
	21-23	15	13	10	6	4	5	2	5	6	11	13	18	9	23
	ALL HRS	20	19	14	12	9	9	6	9	13	16	16	21	13	23
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	19	15	10	7	4	4	2	3	5	10	16	18	9	22
	03-05	22	21	17	16	12	11	6	8	12	15	21	22	15	23
	06-08	28	27	22	22	18	14	10	16	21	24	25	28	21	23
	09-11	19	16	11	6	2	3	1	3	7	11	11	17	9	23
	12-14	9	8	5	2	1	2	1	3	4	5	4	8	4	23
	15-17	7	8	4	3	2	3	3	4	5	5	4	8	5	23
	18-20	10	9	6	4	2	4	2	4	5	6	6	10	6	23
	21-23	12	11	7	4	2	2	1	3	3	7	10	14	6	23
	ALL HRS	16	14	10	8	6	5	3	6	8	10	12	16	10	23
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	6	2	2	2	1	0	0	1	1	2	6	7	2	23
	03-05	9	5	5	6	4	2	2	2	3	5	8	8	5	23
	06-08	10	8	5	5	4	2	2	3	4	6	8	8	5	23
	09-11	3	2	1	0	0	0	0	0	0	0	2	3	1	23
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	23
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	23
	18-20	1	0	0	0	0	0	0	0	0	0	0	2	0	23
	21-23	3	1	1	1	0	0	0	0	0	1	1	5	1	23
	ALL HRS	4	2	2	2	1	1	1	1	1	2	3	4	2	23

PREPARED BY: USAFETAC, JULY 1986

STATION NAME: EGLIN AFB FL
LOCATION: N30 29 W086 32

PERIOD: NOV 39-MAY 86
ELEV: 85 FT

STN LTR:
WBAN NO: 722210

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREMES MAX	EXTREMES MIN	PRECIPITATION (in) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (in) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 01	LST 13	MEAN STATION PRESSURE (mb)	DEW PT (°F)	PREVAILING VISIBILITY (mi)	PCT FREQ OF WIND DIR (10 PTS)	SURFACE WINDS SPEED MEAN (KT)	SPEED MAX (KT)	DIR	CLEAR CLOUDY SKIES (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: THUNDER	FOG	TEMPERATURE (°F) MAX ≥90	MAX ≤32	MIN ≤32	MIN ≤0
JAN	62	42	51	78	6	6.2	9.9	.2	5.5	0	0	0	77	58	.22	37	450	N	5	50	6	9	3	0	0	2	14	0	0	15	1
FEB	63	44	54	80	12	6.5	12.7	.3	5.9	0	1	1	78	57	.27	42	450	N	6	55	6	9	3	0	0	1	15	0	0	10	4
MAR	68	50	62	85	19	6.0	16.4	.4	5.3	0	0	0	78	58	.35	49	350	N	6	57	6	9	3	0	0	1	11	0	0	5	1
APR	76	58	67	94	29	6.5	12.1	.3	6.1	0	0	0	77	56	.44	55	400	S	5	61	6	6	3	0	0	4	14	0	0	4	0
MAY	83	65	74	102	40	5.6	11.8	.8	5.2	0	0	0	78	59	.60	64	350	S	5	57	6	6	2	0	0	6	15	0	2	0	0
JUN	88	72	80	103	52	5.9	12.3	.9	6.3	0	0	0	76	61	.74	70	250	S	5	62	6	10	3	0	0	11	9	2	10	0	0
JUL	89	74	82	106	60	8.5	19.9	1.0	5.9	0	0	0	78	65	.82	73	150	S	4	50	7	14	5	0	0	16	8	2	14	0	0
AUG	89	74	82	104	62	6.9	14.2	2.0	5.6	0	0	0	83	66	.82	73	200	S	4	99	6	13	4	0	0	17	9	2	16	0	0
SEP	86	70	78	97	43	6.9	23.3	.8	8.6	0	0	0	80	60	.69	68	300	N	5	100	6	9	3	0	0	8	10	0	8	0	0
OCT	76	59	70	95	33	3.6	15.0	.9	6.7	0	0	0	78	55	.49	58	300	N	5	46	5	5	2	0	0	3	10	0	0	0	0
NOV	70	49	60	89	17	3.6	11.9	.2	3.2	0	0	0	79	59	.38	51	350	N	5	56	6	7	2	0	0	2	12	0	0	0	1
DEC	63	44	54	80	9	6.8	16.6	.6	7.7	0	0	0	78	60	.28	43	400	N	5	56	6	9	3	0	0	2	14	0	0	12	5
ANN	76	58	68	106	6	61.8	23.3	0	9.3	0	1	1	78	60	.47	57	900	N	4	170	6	106	36	0	0	80	150	6	90	48	18
YRS	46	46	46	46	46	47	47	47	47	40	40	40	10	10	10	10	11	10	10	40	10	47	47	40	40	40	40	46	46	46	46

REMARKS NUMNO POR
HOURLY OBS: JUN 76 - MAY 86
SUMMARY OF DAY DATA: NOV 39 - MAY 86

NUMBER OBSERVED WITHIN: (1900-1985)

	A/B	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
	60NM	0/0	0/3	1/3	1/1	7/2	0/2	0/0	9/11
(A) HURRICANES	120NM	0/1	0/8	1/3	6/5	11/12	2/45	1/0	21/34
(B) TROPICAL STORMS	240NM	0/2	6/16	3/9	13/21	18/30	4/32	1/0	43/100

NOTE: * DATA NOT AVAILABLE # ANTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS % CALM DATA % PLVR DIRCTN 3 BASED ON < FULL MONTHS

CAT FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
	00-02	26	28	31	23	16	6	3	3	7	10	22	27	17	
	03-05	30	30	33	29	23	11	8	6	9	14	24	29	21	
CEILING LESS	06-08	32	32	35	29	25	11	10	11	13	21	26	32	23	
THAN 3000 FT	09-11	27	26	26	18	15	8	10	9	8	14	23	28	18	
AND/OR VISIBILITY	12-14	24	24	22	13	9	6	6	10	6	11	15	24	14	
LESS THAN 3 MI	15-17	22	24	20	13	9	7	6	6	6	8	15	22	13	
	18-20	24	25	24	16	12	5	5	5	5	6	17	22	14	
	21-23	27	27	26	17	13	2	3	3	5	8	19	24	15	
	ALL HRS	27	27	27	20	15	7	6	7	7	11	21	26	17	10
	00-02	20	21	27	19	13	3	1	2	4	7	15	19	13	
	03-05	22	23	27	26	20	8	5	3	5	10	15	21	15	
CEILING LESS	06-08	22	25	27	23	20	7	7	9	10	16	19	24	17	
THAN 1000 FT	09-11	19	21	18	11	6	2	5	5	5	7	15	21	11	
AND/OR VISIBILITY	12-14	15	15	13	7	3	2	3	3	2	4	9	15	8	
LESS THAN 3 MI	15-17	13	14	14	7	5	2	2	2	2	4	9	14	7	
	18-20	16	18	18	11	8	1	1	2	2	3	10	13	9	
	21-23	18	19	22	15	12	1	1	2	2	5	13	16	10	
	ALL HRS	18	20	21	15	11	3	3	3	4	7	13	18	11	10
	00-02	17	17	24	17	9	1	0	1	3	4	11	15	10	
	03-05	18	19	24	22	14	3	3	1	3	6	13	17	12	
CEILING LESS	06-08	19	20	21	17	12	3	4	4	6	11	14	18	12	
THAN 3000 FT	09-11	16	16	13	7	3	1	2	2	3	4	10	15	8	
AND/OR VISIBILITY	12-14	12	10	9	4	1	1	1	1	1	2	6	10	5	
LESS THAN 3 MI	15-17	10	10	11	4	3	0	0	1	1	2	6	10	5	
	18-20	13	14	16	9	4	0	0	1	1	2	7	11	7	
	21-23	17	16	19	11	7	0	0	0	1	3	9	12	8	
	ALL HRS	15	15	17	11	7	1	1	1	2	4	10	14	8	10
	00-02	5	7	9	5	1	0	0	0	0	0	4	4	3	
	03-05	5	6	10	8	3	1	1	0	0	2	3	5	4	
CEILING LESS	06-08	6	5	7	5	2	1	0	0	1	2	3	6	3	
THAN 700 FT	09-11	3	2	1	0	0	0	0	0	0	0	1	2	1	
AND/OR VISIBILITY	12-14	1	1	0	0	0	0	0	0	0	0	0	0	0	
LESS THAN 1/2 MI	15-17	1	1	1	0	0	0	0	0	0	0	0	0	0	
	18-20	2	3	2	0	0	0	0	0	0	0	1	2	1	
	21-23	4	5	5	1	0	0	0	0	0	1	2	3	2	
	ALL HRS	3	4	4	2	1	0	0	0	0	1	2	3	2	10

AWS CLIMATIC BRIEF

ELLYSON NAS/PENSACOLA, FLORIDA — PERIOD: 1952-68[1] — WBAN # 03840 — WMO #

Prepared by ETAC (MAR 1972) — N 30 32 W 87 12 — FIELD ELEVATION: 125 ft — STN LTRS: KNDP

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN				PRESSURE ALTITUDE (Feet) 99,955	MEAN NUMBER OF DAYS								MEAN CLDS (TENTHS)
												RELATIVE HUMIDITY (%)					TEMPERATURE (°F)								
	EXTREME MAXIMUM	MEAN	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	0400	1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)		PRECIP ≥	PRECIP ≥	SNOWFALL ≥	SNOWFALL ≥	THUNDERSTORMS	FOG	MAXIMUM ≥	MAXIMUM ≥	MINIMUM ≤	MINIMUM ≤	
	[a]			[a]							[a]																
JAN	78	53		9					N	8	40	85	62	42	.27	400									-	6
FEB	80	56		23					N	9	33	81	59	44	.29	500										5
MAR	84	62		25					SSE	9	33	82	56	48	.34	450										5
APR	90	72		39					SSE	9	27	87	56	58	.49	450										5
MAY	100	78		49					S	8	27	86	56	64	.60	350										5
JUN	102	83		55					SSW	7	40	92	60	71	.76	350										5
JUL	104	84		63					SSW	7	27	92	64	73	.82	250										6
AUG	100	84		63					NE	6	27	90	61	72	.79	300										5
SEP	98	81		47					NE	7	33	85	60	68	.69	350										5
OCT	92	72		37					NNE	7	33	83	54	57	.47	400										4
NOV	86	62		27					N	8	27	83	57	50	.36	400										4
DEC	80	55		15					N	8	27	82	60	43	.28	400										5
ANN	104	71		9					N	8	40	86	59	58	.49	450										5
EYR	17	17		17					17	17	17	17	17	17	17	17										17

REMARKS

NUMBER OBSERVED WITHIN:	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	ANN A/B
(POR: 1900-1970) 60 NM	0/0	3/0	3/1	4/4	14/8	.5/1	1/0	30/14
(A) HURRICANES/TROPICAL STORMS 120 NM	0/0	8/0	5/2	9/6	24/12	8/2	1/0	55/22
(B) HURRICANES ONLY 240 NM	1/0	15/3	12/3	19/9	44/22	23/6	2/0	116/43

SMOS (NAVY) POR: HRLY OBS: JAN 52-DEC 68. DAILY OBS: NONE.

[1] LESS THAN 24 OBS/DAY.
[a] EXTREME LIMIT OF 2°F CLASS INTERVAL.
[b] HIGHEST HOURLY WIND SPEED CLASS INTERVAL.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02														
	03-05	44	37	30	43	28	15	4	10	23	18	22	36	26	5
	06-08	39	42	34	40	28	22	15	16	23	18	29	36	29	17
	09-11	34	34	32	36	34	35	34	31	24	19	25	33	31	17
	12-14	32	31	31	26	31	34	36	36	28	18	23	29	30	17
	15-17	24	23	22	18	19	19	19	20	18	12	16	25	20	17
	18-20	10	12	11	13	12	7	6	6	8	5	7	16	9	11
	21-23	19	3	5	12	8	2	3	3	8	12	2	17	8	5
	MEAN OF LISTED HOURS	32	31	28	28	26	25	24	24	22	16	22	30	25	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02														
	03-05	31	30	28	36	19	14	3	5	12	13	13	30	20	5
	06-08	32	34	30	32	18	11	7	8	15	13	21	27	21	17
	09-11	27	24	23	18	10	7	5	6	11	11	15	24	15	17
	12-14	21	17	16	10	6	5	3	4	6	6	11	18	10	17
	15-17	14	13	14	6	4	3	1	3	4	3	7	15	7	17
	18-20	3	8	5	9	6	1	1	2	1	2	3	8	4	11
	21-23	17	0	2	11	6	1	0	2	1	6	2	5	4	5
	MEAN OF LISTED HOURS	23	21	19	16	9	6	4	5	8	8	13	21	12	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02														
	03-05	21	24	21	27	13	9	2	5	7	8	10	20	14	5
	06-08	27	29	27	24	12	8	3	6	10	10	15	22	16	17
	09-11	21	19	18	11	6	4	2	3	5	6	10	18	10	17
	12-14	15	11	11	6	3	2	2	2	3	3	6	12	6	17
	15-17	10	8	10	3	2	2	1	1	2	2	5	10	5	17
	18-20	1	4	3	5	1	#	#	#	#	2	2	3	2	11
	21-23	6	0	1	8	1	0	0	1	0	6	2	2	2	5
	MEAN OF LISTED HOURS	17	15	15	11	5	4	2	3	4	5	8	15	8	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02														
	03-05	8	4	14	3	1	1	0	0	2	1	3	5	4	5
	06-08	11	7	10	5	2	1	#	#	1	1	4	5	4	17
	09-11	4	3	2	1	#	#	0	#	#	#	1	1	1	17
	12-14	1	#	#	0	#	0	#	#	0	#	0	1	#	17
	15-17	1	#	#	0	0	#	0	0	#	#	0	1	#	17
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	11
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	MEAN OF LISTED HOURS	4	2	3	1	#	#	#	#	#	#	1	<	1	

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A W S	STATION NAME: HOMESTEAD AFB FL	FIELD ELEV: 7 FT
	LATITUDE/LONGITUDE: 25 29 N 080 23 W	STATION MSC: 722026
CLIMATIC BRIEF	HOURLY OBS POR: JAN 79 - DEC 88	CALL SIGN: KHST
	SUMMARY OF DAY POR: FEB 43 - SEP 44, JUN 56 - DEC 88	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: SEP 84
JAN 90	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	85	88	90	93	94	98	97	96	94	92	89	88	98	33
MEAN MAX TEMP (F)	74	75	78	81	84	86	88	88	87	84	79	76	82	33
MEAN TEMP (F)	67	68	71	75	78	81	82	83	82	78	73	69	76	33
MEAN MIN TEMP (F)	59	60	64	68	72	75	76	77	76	72	67	62	69	33
EXTRM MIN TEMP (F)	28	37	39	45	56	65	67	68	64	53	40	35	28	33
D/W TEMP GE 90 (F)	0	0	#	1	1	4	6	8	4	1	0	0	25	33
D/W TEMP GE 85 (F)	#	1	2	6	13	22	29	30	26	13	2	1	145	33
D/W TEMP LT 65 (F)	21	19	14	7	1	0	0	0	#	2	9	17	90	33
D/W TEMP LT 55 (F)	9	7	4	1	0	0	0	0	0	#	2	7	30	33
HEATING DEGREE DAYS	64	43	18	#	0	0	0	0	0	0	8	41	174	33
COOLING DEGREE DAYS	125	132	220	298	408	484	550	562	512	420	271	170	4152	33
MEAN DEWPOINT TEMP (F)	56	59	60	62	68	72	73	74	74	70	66	60	66	10
MEAN WET BULB TEMP (F)	60	63	65	67	71	75	76	76	76	73	69	64	70	10
99.95% WCPA (FT)	200	250	300	200	200	150	50	100	200	200	200	150	200	10
MEAN REL HUM 07 LST(%)	80.7	80.7	78.3	75.4	76.6	79.3	77.6	78.4	82.3	82.9	81.8	78.9	79.4	10
MEAN REL HUM 13 LST(%)	60.1	61.5	60.3	56.1	62.7	67.6	65.4	65.5	69.5	66.6	65.9	62.6	63.7	10
MAX 24HR PRECIP (IN)	4.48	2.40	7.38	5.36	8.20	6.03	3.61	5.94	8.68	6.21	5.54	2.76	8.68	33
MAX PRECIP (IN)	7.87	6.69	11.43	8.29	23.32	20.65	13.71	20.13	23.53	14.27	11.05	5.24	87.52	33
MEAN PRECIP (IN)	1.90	1.99	2.35	2.29	6.83	9.69	6.83	7.13	8.56	6.39	2.75	1.63	59.10	33
MIN PRECIP (IN)	.11	#	.17	.05	.08	2.76	1.65	1.89	2.24	.52	.07	.13	34.28	33
D/W PRECIP GE .01 (IN)	7	6	6	5	11	15	16	16	18	12	8	6	126	33
D/W PRECIP GT .50 (IN)	1	1	1	1	4	5	4	4	5	4	2	1	33	33
MAX 24HR SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
MAX SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33
PRVLNG WND DIR (DEG)	$35-01	$08-10	08-10	08-10	08-10	$08-10	$08-10	$08-10	$08-10	05-07	05-07	$08-10	$08-10	10
MEAN WND SPD (KTS)	5	6	6	6	5	4	4	4	4	5	6	5	5	10
MAX WND SPD (KTS)	62	39	48	48	55	49	45	50	120	69	49	39	120	32
SKY COVER GT 5/10 (%)	38.0	39.7	36.0	32.9	37.0	49.3	48.0	49.6	51.0	35.6	37.0	39.4	41.4	10
D/W THUNDERSTORMS	1	1	2	2	8	14	15	16	13	5	1	1	79	39
D/W FOG (VSBY LT 7 MI)	11	9	8	6	5	3	1	1	3	6	9	8	70	39

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	5.5	4.0	3.9	1.6	1.7	2.3	1.2	1.3	2.7	1.7	4.1	5.4	2.9	10
	03 - 05	9.0	7.4	6.0	3.9	3.1	1.7	1.4	2.0	2.3	3.4	5.9	8.7	4.6	10
CIG	06 - 08	9.2	9.5	6.7	5.3	3.8	1.8	1.3	2.5	1.7	2.4	6.2	8.6	4.9	10
LT 3000 FT	09 - 11	5.2	7.1	7.3	3.8	4.6	3.9	2.5	3.2	2.7	1.8	4.6	6.3	4.4	10
AND/OR	12 - 14	4.9	4.9	6.5	3.3	3.7	4.4	1.8	2.3	3.1	2.9	5.0	4.7	4.0	10
VSBY	15 - 17	4.8	3.9	6.0	2.3	1.8	4.3	1.7	2.0	2.9	2.4	3.8	3.7	3.3	10
LT 3 MI	18 - 20	4.5	3.2	3.1	2.3	2.7	2.4	1.6	2.4	2.6	2.0	4.1	4.0	2.9	10
	21 - 23	4.1	3.1	2.2	2.4	1.2	2.1	1.1	1.3	2.3	1.7	3.3	3.3	2.3	10
	ALL	5.9	5.4	5.2	3.1	2.8	2.9	1.6	2.1	2.5	2.3	4.6	5.6	3.7	10
	00 - 02	4.0	1.8	.5	.7	.5	.3	.2	.3	.9	1.1	1.9	3.0	1.3	10
	03 - 05	7.2	4.2	1.9	2.7	1.3	.6	.2	.0	1.1	2.0	2.8	5.8	2.5	10
CIG	06 - 08	7.6	6.2	3.1	3.2	1.3	.4	.4	1.0	.9	1.4	3.3	6.2	2.9	10
LT 1500 FT	09 - 11	3.1	3.4	2.0	.9	1.4	.9	.6	1.3	.7	.6	2.4	4.0	1.8	10
AND/OR	12 - 14	2.3	1.5	1.3	.3	.5	.8	.2	.6	1.0	.5	.9	2.0	1.0	10
VSBY	15 - 17	2.0	1.6	.9	.3	.0	1.3	.6	.8	1.1	.6	1.3	2.3	1.1	10
LT 3 MI	18 - 20	2.2	1.5	.6	.9	.6	.7	.2	.4	.4	.3	1.7	1.9	.9	10
	21 - 23	1.8	.9	.5	.6	.4	.8	.2	.4	.3	.4	1.8	1.4	.8	10
	ALL	3.8	2.7	1.4	1.2	.8	.7	.3	.6	.8	.9	2.0	3.3	1.5	10
	00 - 02	2.5	1.5	.4	.3	.1	.2	.1	.3	.1	.4	.8	3.0	.8	10
	03 - 05	5.5	3.5	1.5	2.3	1.1	.1	.1	.0	.2	1.3	1.7	4.9	1.8	10
CIG	06 - 08	6.3	4.9	2.2	2.1	.8	.0	.3	.4	.4	1.1	2.6	4.9	2.2	10
LT 1000 FT	09 - 11	2.3	2.6	.9	.3	.5	.1	.4	.8	.2	.4	1.2	2.9	1.0	10
AND/OR	12 - 14	1.0	.4	.5	.3	.2	.6	.1	.3	.6	.1	.2	1.1	.4	10
VSBY	15 - 17	.8	.8	.2	.2	.0	.7	.3	.2	.7	.3	.4	1.5	.5	10
LT 2 MI	18 - 20	.6	.2	.3	.2	.2	.2	.1	.1	.2	.1	.9	1.3	.4	10
	21 - 23	1.0	.4	.2	.3	.2	.6	.2	.2	.2	.4	1.0	1.3	.5	10
	ALL	2.5	1.8	.8	.8	.4	.3	.2	.3	.3	.5	1.1	2.6	1.0	10
	00 - 02	.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	10
	03 - 05	1.3	2.1	.9	.9	.3	.0	.0	.0	.0	.1	.3	1.2	.6	10
CIG	06 - 08	2.0	2.2	.6	.3	.2	.0	.0	.0	.1	.1	.2	1.0	.6	10
LT 200 FT	09 - 11	.2	.4	.0	.0	.1	.0	.0	.2	.0	.0	.0	.1	.1	10
AND/OR	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
VSBY	15 - 17	.0	.1	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.5	.7	.2	.2	.1	.0	.0	.0	.1	.0	.1	.3	.2	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	0/0	0/0	0/0	1/1	0/1	4/5	8/1	12/4	0/0	25/13
120NM	0/0	0/1	0/0	0/0	0/1	1/2	2/2	11/10	13/8	14/8	0/0	41/32
240NM	0/0	0/1	0/0	0/0	1/2	5/8	4/6	21/29	19/21	21/25	4/3	75/95

REMARKS : NONE

PREPARED BY USAFETAC
SEPTEMBER 1986

STATION NAME HURLBURT FIELD FL
LOCATION N30 26 W086 41

PERIOD JUL 55-MAY 86
ELEV 36 FT

STN LTRS: HRT
WBAN NO: 747770

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.95%	PVLG DIRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SPEED MAX (ET) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF THUNDER	PRECIP ≥ 0.01 (IN)	PRECIP ≥ 0.5 (IN)	SNOWFALL ≥ 0.1 (IN)	SNOWFALL ≥ 1.5 (IN)	FOG VSBY < 7MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 65	MIN ≤ 40	MIN ≤ 32
JAN	59	41	50	80	9a	4.4	11.0	.1	3.9	3	8	8	72	57	.21	36	400	N	6	44	6	10	3	a	0	2	16	0	0	15	8
FEB	62	44	53	81	18	5.4	12.6	1.2	7.2	8	2	2	77	59	.26	41	450	N	7	52	6	.9	3	8	8	3	14	0	0	11	5
MAR	67	50	59	84	21a	5.3	12.1	.6	7.3	8	8	8	79	62	.36	50	550	N	6	48	6	9	4	0	0	4	17	0	0	5	1
APR	74	58	66	92a	35	4.3	13.2	.2	5.8	0	0	0	78	61	.45	56	400	N	6	47	6	6	2	0	0	4	16	0	0	0	0
MAY	81	65	73	92	41	3.5	11.0	0	6.2	0	0	0	79	64	.60	64	300	S	6	53	6	7	2	0	0	5	15	0	0	0	0
JUN	85	72	79	99	48	5.3	12.2	.3	6.9	0	0	0	77	64	.74	70	200	N	5	64	6	10	3	0	0	10	10	5	<1	0	0
JUL	83	74	81	101	59	7.4	27.1	1.4	6.8	0	0	0a	80	68	.82	73	150	SW	4	40	7	12	4	0	0	16	11	10	26	0	0
AUG	83	74	81	100	63	7.2	13.3	1.2	4.3	0	0	0	80	66	.79	72	150	N	4	48	6	13	4	0	0	15	12	9	28	0	0
SEP	85	70	78	94	43	7.1	20.5	.1	8.8	0	0	0	77	61	.67	67	250	N	5	74	5	9	4	0	0	7	12	4	20	0	0
OCT	73	59	67	91	33	4.2	17.4	0	6.6	0	0	0	75	56	.47	57	300	N	5	44	5	6	2	0	0	3	11	0	4	0	0
NOV	64	50	63	84	19	3.4	7.6	.4	3.7	0	0	0	77	59	.38	51	350	N	5	50	6	7	2	0	0	2	13	0	0	5	1
DEC	63	45	54	81	10	4.0	13.3	.6	7.1	0	0	0	75	59	.29	44	350	N	6	56	6	9	3	0	0	2	15	0	0	11	4
ANN	73	59	67	101	9a	62.3	27.1	0	8.8	0	2	2	77	61	.47	57	350	N	5	74	6	107	36	8	8	72	162	24	105	47	19
YR	31	31	31	31	31	31	31	31	31	31	31	31	10	10	10	10	10	10	10	28	10	31	31	31	31	31	31	31	31	31	31

REMARKS

RUSSNO FOR:
HOURLY OBS: JUN 76 - MAY 86
SUMMARY OF DAY DATA: JUL 55 - MAY 86

NUMBER OBSERVED WITHIN:

	A/R	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
(1900-1985)	60NM	0/0	0/1	1/1	1/1	2/2	0/2	0/0	5/11
(A) HURRICANES	120NM	0/1	0/8	1/1	6/6	11/12	2/5	1/0	21/34
(B) TROPICAL STORMS	240NM	0/2	4/16	3/9	13/21	14/19	4/22	1/0	41/100

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS & % CALM GRTR % PVLG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	29	29	31	29	17	9	5	8	13	21	24	17		
	03-05	27	27	30	32	25	14	10	8	13	16	22	27	21	
	06-08	30	31	37	29	22	12	9	12	14	21	26	28	23	
	09-11	25	23	25	18	12	7	8	7	7	13	20	26	16	
	12-14	24	20	19	12	8	6	6	6	6	9	17	22	13	
	15-17	22	20	19	11	8	6	4	5	4	7	14	19	12	
	18-20	27	21	23	15	10	4	3	3	3	6	17	19	13	
	21-23	29	19	27	18	13	2	3	2	6	8	17	21	14	
	ALL HRS	26	23	27	23	14	7	6	6	8	12	19	23	16	10
CEILING LESS THAN 1500 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	21	18	26	22	15	3	1	3	6	7	13	17	13	
	03-05	23	21	30	28	22	9	6	6	7	11	17	19	16	
	06-08	24	24	30	23	17	8	5	9	10	16	21	21	17	
	09-11	19	17	17	12	7	3	4	4	3	7	14	18	10	
	12-14	15	13	12	7	4	2	2	2	2	4	10	15	7	
	15-17	13	14	12	9	5	3	2	2	2	4	9	13	7	
	18-20	16	15	16	13	8	2	1	2	1	3	12	15	9	
	21-23	20	16	22	14	10	2	1	1	2	5	11	15	10	
	ALL HRS	19	17	21	16	11	4	3	4	4	7	13	17	11	10
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 2 MI	00-02	17	14	22	19	10	2	1	1	2	5	10	14	10	
	03-05	17	17	27	23	13	4	2	2	4	7	13	13	12	
	06-08	18	18	23	18	11	3	2	4	5	10	14	14	12	
	09-11	13	13	13	7	3	1	2	1	2	3	8	11	6	
	12-14	10	9	9	4	2	1	0	1	1	1	5	9	4	
	15-17	9	10	10	6	3	1	1	1	1	1	5	9	5	
	18-20	12	11	14	10	5	0	0	1	1	2	9	12	6	
	21-23	15	12	17	12	7	0	0	1	1	3	9	13	8	
	ALL HRS	14	13	17	12	7	2	1	2	2	4	9	12	8	10
CEILING LESS THAN 700 FT AND OR VISIBILITY LESS THAN 1/2 MI	00-02	5	6	11	8	3	0	0	0	0	0	4	5	3	
	03-05	4	6	13	9	3	1	0	0	1	2	4	6	4	
	06-08	5	3	7	4	2	0	0	0	0	1	3	5	3	
	09-11	1	1	1	1	0	0	0	0	0	0	1	2	1	
	12-14	0	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	1	1	1	0	0	0	0	0	0	0	0	1	0	
	18-20	2	2	3	1	0	0	0	0	0	0	0	1	1	
	21-23	3	3	6	2	1	0	0	0	0	0	1	1	2	
	ALL HRS	3	3	5	3	1	0	0	0	0	0	2	3	2	10

A W S CLIMATIC BRIEF October 1987	Station Name: JACKSONVILLE IAP FL Latitude/Longitude: N30 30 W081 41 Hourly Obs POR: Apr 77 to Mar 87 Summary of Day POR: Jan 48 to Mar 87 LST = GMT -5	Field Elev: 30 ft Station MSC: 722060 Call Sign: KJAX Supersedes: Mar 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	84	88	91	95	100	103	103	102	98	96	88	84	103	39
MEAN MAX TEMP °F	65	68	74	80	86	90	92	91	87	80	73	67	79	39
MEAN TEMP °F	54	57	62	69	75	80	83	82	79	71	62	56	69	39
MEAN MIN TEMP °F	43	45	51	57	64	70	73	73	70	61	51	45	59	39
XTRM MIN TEMP °F	7	22	23	35	45	47	61	63	48	36	21	11	7	39
D/W TEMP ≥ 95°F	0	0	0	#	2	6	8	5	1	#	0	0	22	39
D/W TEMP ≥ 90°F	0	0	#	1	8	16	23	21	10	1	0	0	80	39
D/W TEMP ≤ 40°F	13	8	5	1	0	0	0	0	0	#	4	11	42	39
D/W TEMP ≤ 32°F	6	3	1	0	0	0	0	0	0	0	1	4	15	39
VPR PRESS ("Hg)	.25	.30	.38	.45	.58	.74	.82	.82	.76	.58	.45	.32	.50	10
MEAN DEWPOINT °F	40	45	51	56	63	70	73	73	71	63	56	47	59	10
99.95% WCPA Ft	400	450	550	400	300	200	150	150	250	250	250	300	350	10
MEAN RH 07 LST %	85	86	88	86	87	88	88	91	92	92	91	89	89	10
MEAN RH 13 LST %	57	57	53	49	54	60	61	64	65	61	61	62	59	10
MAX 24HR PRECIP "	2.7	4.9	7.1	7.4	5.4	5.9	7.3	7.8	10.1	6.5	2.8	2.9	10.1	39
MAX PRECIP "	7.3	8.9	10.2	11.6	10.4	12.9	16.2	16.2	19.4	13.4	4.9	7.1	19.4	39
MEAN PRECIP "	3.0	3.7	3.9	3.1	3.8	5.5	6.2	7.5	7.5	3.9	1.9	2.7	52.7	39
MIN PRECIP "	.1	.5	.7	.3	.6	2.2	2.0	2.2	1.0	.3	#	#	#	39
D/W PRECIP ≥ .01"	8	8	6	6	8	12	14	14	13	9	6	8	114	39
D/W PRECIP ≥ .5"	2	2	2	2	2	3	4	5	4	2	1	2	31	39
MAX 24HR SNFL "	#	#	1	0	0	0	0	0	0	0	0	#	1	39
MAX SNFL "	#	#	1	0	0	0	0	0	0	0	0	#	1	39
MEAN SNFL "	#	#	#	0	0	0	0	0	0	0	0	#	#	39
D/W SNFL ≥ .1"	0	0	#	0	0	0	0	0	0	0	0	0	#	39
D/W SNFL ≥ 1.5"	0	0	0	0	0	0	0	0	0	0	0	0	0	39
MEAN WND DRCTN	$W	$W	$W	$W	$SE	$SW	$W	$E	$E	$N	$N	$N	$W	10
MEAN WND SPD Kts	7	7	7	7	6	6	5	5	5	6	6	6	6	10
MAX WND SPD## Kts	56	44	47	52	62	58	53	57	51	37	43	53	62	17
MEAN CLD CVR 10th	6	6	6	5	5	6	6	6	6	5	6	6	6	10
D/W TSTORMS	1	2	3	3	6	11	15	13	7	2	1	1	65	39
D/W FOG VSBY <7mi	16	14	15	12	13	12	10	14	14	16	16	16	68	39

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL
Within 60NM	0/0	0/0	0/0	0/2	0/2	1/1	3/4	1/5	2/4	0/0	7/18
Within 120NM	0/0	0/0	0/0	0/3	1/5	2/4	6/15	3/11	5/9	1/0	18/47
Within 240NM	0/1	0/0	0/0	1/5	3/13	8/10	17/24	18/28	11/22	2/0	60/103

A W S CLIMATIC BRIEF October 1987	Station Name: JACKSONVILLE IAP FL Latitude/Longitude: N30 30 W081 41 Hourly Obs POR: Apr 77 to Mar 87 Summary of Day POR: Jan 48 to Mar 87 LST = GMT -5	Field Elev: 30 ft Station MSC: 722060 Call Sign: KJAX Supersedes: Mar 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	27	23	18	11	10	6	2	7	13	19	30	27	16	
	03-05	28	30	21	17	20	14	9	12	18	29	34	33	22	
CIG/VSBY	06-08	30	33	31	21	27	27	17	23	32	35	40	37	29	
	09-11	28	31	26	13	17	19	13	22	23	27	32	32	24	
LESS THAN	12-14	24	27	18	11	10	13	9	16	23	25	26	29	19	
	15-17	21	19	13	8	7	8	8	10	14	19	17	23	14	
3000/3	18-20	21	20	13	6	7	6	5	7	13	15	19	24	13	
	21-23	24	21	15	6	6	5	3	7	12	15	23	25	14	
	00-24	25	26	19	12	13	12	8	13	19	23	28	29	19	10
	00-02	20	18	12	7	7	4	1	5	9	14	25	22	12	
	03-05	23	24	17	14	17	12	7	9	14	24	29	28	18	
CIG/VSBY	06-08	23	27	24	18	24	25	16	22	29	30	34	32	25	
	09-11	21	24	17	7	7	7	5	9	12	17	25	27	15	
LESS THAN	12-14	15	15	8	4	2	3	3	3	7	10	12	19	8	
	15-17	13	14	7	3	2	3	3	3	6	10	11	17	8	
1500/3	18-20	14	15	8	3	5	4	3	4	6	11	14	18	9	
	21-23	18	15	9	4	3	3	1	4	6	11	18	19	9	
	00-24	19	19	13	8	8	8	5	7	11	16	21	23	13	10
	00-02	16	12	10	6	5	3	#	4	6	11	22	18	9	
	03-05	18	19	14	11	14	8	4	7	10	18	24	23	14	
CIG/VSBY	06-08	19	22	17	14	19	15	9	14	20	22	27	27	19	
	09-11	16	18	10	4	4	4	2	5	6	11	18	19	10	
LESS THAN	12-14	11	11	3	2	1	2	1	2	4	5	8	12	5	
	15-17	9	11	4	1	#	2	2	2	3	5	7	12	5	
1000/2	18-20	10	11	5	1	2	1	1	2	3	6	11	14	6	
	21-23	14	12	7	2	2	1	1	2	3	6	14	16	7	
	00-24	14	15	9	5	6	5	3	5	7	11	16	18	10	10
	00-02	6	2	3	2	1	1	#	#	#	2	7	7	3	
	03-05	7	3	5	5	5	3	1	2	3	7	10	7	5	
CIG/VSBY	06-08	7	5	7	4	7	4	2	4	5	6	10	9	6	
	09-11	3	2	1	0	#	0	0	#	0	1	2	4	1	
LESS THAN	12-14	#	0	#	#	0	#	0	0	0	0	#	#	#	
	15-17	#	#	0	0	0	#	#	0	0	0	0	#	#	
200/½	18-20	1	1	#	0	0	0	#	0	0	0	1	2	#	
	21-23	3	2	#	0	0	0	0	0	0	1	3	5	1	
	00-24	3	2	2	1	2	1	#	1	1	2	4	4	2	10

AWS CLIMATIC BRIEF

JACKSONVILLE NAS/TOWERS FIELD, FLORIDA — PERIOD 1945-68 — WBAN # 93837 — WMO #

Prepared by ETAC (APR 1971) — N 30 14 W 81 41 — ELEVATION: 32 ft — STN LTRS KNIP

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK GUST) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE	99.95% (FMH)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUD (TENTHS)
JAN	84	66	48	20	2.5	3.1	#	#	N	7	47	82	60	47	.32	350		7	2	0	0	#	15	0	2	2	0	5
FEB	89	68	49	24	3.0	2.3	#	#	S	7	55	81	56	47	.32	400		8	2	0	0	1	11	0	4	1	0	5
MAR	91	73	54	29	2.9	3.5	#	#	S	8	55	80	52	51	.38	400		7	2	0	0	3	10	#	9	#	0	5
APR	93	80	61	40	2.7	2.4	0	0	ESE	8	52	82	51	57	.47	350		6	2	0	0	4	9	1	17	0	0	5
MAY	100	86	68	52	3.4	6.3	0	0	ESE	7	57	84	52	64	.60	300		8	2	0	0	7	7	9	27	0	0	5
JUN	102	89	73	62	5.2	3.9	0	0	SE	7	62	87	59	70	.74	250		12	3	0	0	10	5	14	29	0	0	6
JUL	100	90	75	64	6.1	3.6	0	0	S	6	69	88	62	73	.82	150		15	4	0	0	15	4	20	31	0	0	6
AUG	100	90	75	66	7.4	5.9	0	0	S	6	66	88	62	73	.82	200		15	5	0	0	13	6	19	30	0	0	6
SEP	98	86	73	55	6.4	5.5	0	0	NE	7	70	88	65	71	.76	300		14	4	0	0	7	8	8	27	0	0	6
OCT	96	80	64	40	3.8	5.2	0	0	N	7	67	87	61	63	.58	350		8	2	0	0	2	13	1	18	0	0	5
NOV	88	73	55	21	1.5	2.2	0	0	N	7	47	85	59	54	.42	300		6	1	0	0	1	13	0	6	#	0	5
DEC	83	66	48	14	2.1	2.3	#	#	N	7	42	84	61	47	.32	300		7	1	0	0	1	15	0	2	2	0	5
ANN	102	79	62	14	47.0	6.3	#	#	N	7	70	85	58	60	.52	350		113	30	0	0	64	116	72	202	5	0	5
# YR	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23		24	24	24	24	24	24	24	24	24	24	23

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Number Observed Within:	A/B	A/B	A/B	A/B	A/	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1970) 60 NM		0/0			0/0	4/2	3/1	5/0	10/4	8/1	0/0	0/0	30/8
(A) Hurricanes/Tropical Storms 120 NM		0/0			1/1	7/3	6/1	12/4	16/6	14/6	1/0	1/1	58/21
(H) Hurricanes Only 240 NM		1/0			2/1	13/4	13/6	22/13	42/26	30/14	2/0	1/1	126/65

RUNWAY POR: Hrly Obs: Hrly and Daily Obs: Jan 45 - Dec 68.

NOTE: #DATA NOT AVAILABLE. 0LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ), HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
	00 - 02	20	19	14	10	5	6	4	6	10	15	17	21	12	
CIG	03 - 05	25	25	20	12	11	8	5	7	15	19	23	25	16	
less than	06 - 08	32	31	26	18	15	12	9	12	22	26	30	31	22	
3000 feet	09 - 11	30	28	22	20	20	27	25	19	33	28	24	28	25	
and/or	12 - 14	23	24	20	19	21	31	35	33	42	30	20	22	27	
VSBY	15 - 17	18	21	15	13	16	21	23	24	27	23	14	18	19	
less than	18 - 20	17	18	12	10	11	14	12	14	18	18	14	17	15	
3 miles	21 - 23	16	16	11	7	6	7	5	7	12	14	12	19	11	
	ALL HOURS	23	23	18	14	13	16	15	15	22	22	19	23	18	20
	00 - 02	15	13	10	7	3	3	1	2	4	10	13	17	8	
CIG	03 - 05	21	19	16	9	7	5	3	5	8	14	19	21	12	
less than	06 - 08	28	26	21	14	11	8	5	8	14	21	27	27	18	
1500 feet	09 - 11	23	19	14	8	5	5	4	5	11	16	19	21	13	
and/or	12 - 14	13	12	7	4	3	3	3	4	7	8	8	12	7	
VSBY	15 - 17	10	10	6	4	3	4	3	6	7	8	7	11	7	
less than	18 - 20	11	12	7	6	4	4	2	4	7	10	8	13	7	
3 miles	21 - 23	12	12	8	4	3	2	2	3	4	7	8	15	7	
	ALL HOURS	16	15	11	7	5	4	3	5	8	12	14	17	10	20
	00 - 02	13	10	8	5	2	1	1	1	3	7	10	12	6	
CIG	03 - 05	17	16	12	7	5	3	2	3	6	10	15	16	9	
less than	06 - 08	21	20	16	10	7	6	4	5	10	13	19	20	13	
1000 feet	09 - 11	18	14	9	5	2	2	1	3	5	9	12	15	8	
and/or	12 - 14	8	8	4	2	1	2	1	2	3	4	5	8	4	
VSBY	15 - 17	7	8	4	2	2	2	2	3	4	4	4	7	4	
less than	18 - 20	9	9	5	4	1	2	1	3	4	5	5	10	5	
2 miles	21 - 23	9	9	6	3	2	1	#	2	2	5	6	11	5	
	ALL HOURS	13	12	8	5	3	2	2	3	5	7	9	13	7	20
	00 - 02	4	1	2	1	#	#	0	0	#	1	3	5	1	
CIG	03 - 05	7	3	3	2	1	#	#	#	#	2	5	6	2	
less than	06 - 08	8	5	4	2	1	#	#	#	1	4	7	6	3	
200 feet	09 - 11	4	2	1	#	#	0	0	0	#	1	2	2	1	
and/or	12 - 14	#	#	#	#	#	#	#	#	#	#	#	#	#	
VSBY	15 - 17	#	0	#	#	#	#	#	#	#	#	#	#	#	
less than	18 - 20	1	#	#	0	0	#	#	#	0	0	0	2	#	
¼ mile	21 - 23	3	1	1	#	0	0	0	0	0	#	1	4	1	
	ALL HOURS	3	2	1	1	#	#	#	#	#	1	2	3	1	20

AWS CLIMATIC BRIEF

KEY WEST INTL, FLORIDA — PERIOD 1945-70B — WBAN # 12850 — WMO # 72201

Prepared by ETAC (MAR 1972) — N 24 33 W 81 46 — FIELD ELEVATION: 4 ft — STN LTRS: KEYW

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS										MEAN CLOUD (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FASTEST SPEED (MILE)*)	RELATIVE HUMIDITY (%) 0700	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (FEET)	PRECIP ≥ 0.01	PRECIP ≥	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 5/16 MILE)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≤	TEMPERATURE (°F) MINIMUM ≤	TEMPERATURE (°F) MINIMUM ≤	
JAN	85	74	65	47	1.5	4.4			NE	11	62	83	70				7				1	#	0				5
FEB	85	75	66	47	2.0	2.5			SE	11	55	81	67				5				1	#	0				5
MAR	87	77	68	53	1.8	3.1			SE	11	41	79	66				6				2	0	0				5
APR	89	80	72	55	2.5	3.2			ESE	11	42	77	64				5				2	0	0				5
MAY	91	83	75	66	2.7	8.9			ESE	10	44	76	65				8				4	0	1				5
JUN	94	86	78	68	4.0	4.0			SE	9	52	78	68				12				9	0	7				6
JUL	95	87	79	69	4.2	3.1			ESE	9	45	76	66				13				12	0	16				6
AUG	95	88	79	68	4.3	3.2			ESE	8	49	77	67				15				13	0	17				6
SEP	94	87	78	70	6.7	6.7			ESE	9	106	80	69				16				11	#	8				7
OCT	93	83	75	60	5.8	5.0			ENE	10	73	83	70				13				4	#	1				6
NOV	88	78	71	49	2.8	7.3			ENE	10	66	83	69				7				1	#	0				5
DEC	85	75	67	46	1.7	4.6			NE	10	41	83	70				7				1	#	0				5
ANN	95	81	73	46	40.0	8.9	0	0	ESE	10	106	80	68				114		0	0	61	#	50				5
EYR	18	30	30	18	30	22	22	22	3	17	22	22	22				22		22	22	22	22	22				18

REMARKS

*FASTEST MILE CONVERTED TO KNOTS.

#SUNRISE TO SUNSET ONLY.

DATA IS FROM THE 1970 NOAA/EDS LOCAL CLIMATOLOGICAL DATA SUMMARY.

SEE ALSO AWS CLIMATIC BRIEF FOR KEY WEST NAS N 24 34 W 81 41 FOR REPRESENTATIVE FLYING WEATHER.

NOTE; *DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR

AWS CLIMATIC BRIEF

Prepared by ETAC (MAR 1972)

KEY WEST NAS/boca CHICA FIELD, FLORIDA — PERIOD: 1953-68 — WBAN # 12836 — WMO # — STN LTRS: KNQX

N 24 34 W 81 41 — FIELD ELEVATION: 6 ft

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (GUST) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥0.01 in	PRECIP ≥0.5 in	SNOWFALL ≥0.1 in	SNOWFALL ≥1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 60	MINIMUM ≤ 50	MEAN CLDS (TENTHS)
JAN	82	73	64	46	1.3	3.3			NE	10	62	83	70	61	.54	200	5	1			#	2	0	4	6	1	4
FEB	86	75	66	45	2.4	3.5			E	10	46	82	71	62	.56	250	6	1			2	1	0	7	6	#	4
MAR	88	77	69	51	1.5	1.8			ESE	10	48	80	67	64	.60	200	5	1			1	#	0	13	3	0	4
APR	90	81	73	62	0.9	1.5			E	11	40	78	65	67	.67	200	4	1			2	0	#	21	0	0	4
MAY	92	84	76	66	3.3	5.7			E	9	51	77	66	70	.74	200	8	2			4	#	#	29	0	0	5
JUN	93	86	79	68	4.8	3.4			ESE	8	72	79	69	73	.82	150	11	3			8	0	3	30	0	0	6
JUL	94	88	80	70	2.8	3.1			ESE	8	48	77	67	74	.85	50	10	2			9	0	6	31	0	0	6
AUG	94	89	80	69	4.1	2.4			ESE	7	48	78	67	74	.85	150	13	3			12	0	9	31	0	0	6
SEP	93	87	78	66	7.1	5.1			E	8	80	82	71	75	.88	300	15	4			11	#	3	30	0	0	6
OCT	90	83	75	60	4.4	3.2			NE	9	84	80	70	70	.74	250	11	3			5	#	#	25	#	0	5
NOV	86	78	70	50	1.9	5.8			NE	10	48	81	69	66	.64	200	5	1			1	#	0	14	1	#	4
DEC	84	74	65	46	1.7	4.0			NE	10	41	82	70	62	.56	150	6	1			1	1	0	6	7	#	5
ANN	94	81	73	45	36.2	5.8	0	0	E	9	84	80	69	68	.69	200	99	23	0	0	56	4	21	241	25	1	5
EYR	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	16	15	16	16	16	15	16	15	15	15	16

REMARKS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NUMBER OBSERVED WITHIN:	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1970) 60 NM	0/0	1/0	0/0	0/0	1/0	5/2	0/0	3/1	15/9	13/11	2/2	0/0	40/25
(A) HURRICANES/TROPICAL STORMS 120 NM	0/0	1/0	0/0	0/0	1/0	5/2	0/0	5/2	23/13	21/17	3/2	0/0	59/36
(b) HURRICANES ONLY 240 NM	0/0	1/0	0/0	0/0	2/1	13/4	3/4	20/10	40/21	36/23	10/4	0/0	130/67

RUSSWO POR: HRLY AND DAILY 5307-6811. INCLUDES NAVY LCD 1969.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	9	11	7	5	8	10	5	6	10	7	6	10	8	
	03-05	10	13	6	7	9	11	6	7	9	7	7	11	9	
	06-08	13	16	11	11	15	14	9	8	10	10	9	14	12	
	09-11	12	13	12	10	14	14	11	9	11	10	9	14	12	
	12-14	12	12	10	9	12	16	11	11	15	11	10	12	12	
	15-17	12	12	9	6	8	13	6	8	11	9	10	9	9	
	18-20	11	12	7	5	8	12	5	6	10	7	8	9	8	
	21-23	9	10	6	5	8	9	5	5	10	6	5	7	7	
	ALL HOURS	11	12	8	7	10	12	7	8	11	8	8	11	9	15
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	3	2	2	1	2	2	1	1	2	1	2	3	2	
	03-05	3	3	2	1	2	2	1	#	1	1	2	3	2	
	06-08	4	5	3	2	3	3	1	1	2	2	3	3	3	
	09-11	5	5	4	1	3	3	1	1	2	3	4	6	3	
	12-14	5	3	3	1	2	3	1	2	3	3	3	5	3	
	15-17	5	4	2	1	2	2	1	1	2	2	4	4	3	
	18-20	5	4	2	1	2	4	1	1	3	2	2	3	3	
	21-23	4	4	2	#	2	3	1	#	2	2	2	3	2	
	ALL HOURS	4	4	2	1	2	3	1	1	2	2	3	4	2	15
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	2	#	#	#	#	1	#	#	1	1	1	2	1	
	03-05	2	2	#	#	#	#	0	#	1	1	#	1	1	
	06-08	3	2	1	#	1	1	#	#	1	1	1	1	1	
	09-11	3	3	2	#	1	2	#	1	1	1	1	3	1	
	12-14	3	2	2	#	#	2	1	#	1	1	1	3	1	
	15-17	4	2	1	#	1	1	0	#	1	1	1	2	1	
	18-20	3	3	1	#	#	2	#	#	2	1	1	2	1	
	21-23	2	2	1	#	#	1	#	#	1	1	1	2	1	
	ALL HOURS	3	2	1	#	1	1	#	#	1	1	1	2	1	15
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	#	0	#	0	0	0	0	0	0	#	#	#	#	
	03-05	0	0	0	0	0	0	0	0	#	#	0	#	#	
	06-08	#	#	0	0	0	#	0	0	#	#	0	#	#	
	09-11	#	#	#	0	#	#	#	#	#	0	#	#	#	
	12-14	0	0	#	0	#	#	#	0	#	#	#	0	#	
	15-17	#	#	0	0	0	#	0	#	#	#	#	0	#	
	18-20	#	#	0	0	0	#	0	0	#	0	0	0	#	
	21-21	0	1	#	0	#	0	0	0	#	0	0	#	#	
	ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#	15

A W S

CLIMATIC BRIEF

DEC 91

STATION NAME: MACDILL AFB/TAMPA FL
LATITUDE/LONGITUDE: 27 51 N 082 31 W
HOURLY OBS POR: AUG 80 - JUL 90
SUMMARY OF DAY POR: MAY 41-JUL 90
HOURS SUMMARIZED: 0000 - 2300 LST
LST TO UTC: +05

FIELD ELEV: 14 FT
STATION NBC: 747880
CALL SIGN: KMCF

SUPERSEDES: NOV 85

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	87	86	90	93	96	100	99	97	97	94	90	89	100	49
MEAN MAX TEMP (F)	70	71	76	81	86	89	90	90	89	84	77	72	81	49
MEAN TEMP (F)	61	63	68	73	78	82	83	83	82	76	69	63	73	49
MEAN MIN TEMP (F)	53	54	59	64	70	74	76	76	75	68	60	54	65	49
EXTRM MIN TEMP (F)	25	30	32	41	55	56	67	69	61	43	29	20	20	49
D/W TEMP GE 95 (F)	0	0	0	0	1	1	1	1	1	0	0	0	5	49
D/W TEMP GE 90 (F)	0	0	#	1	6	15	18	19	14	2	#	0	75	49
D/W TEMP LT 40 (F)	3	1	1	0	0	0	0	0	0	0	1	2	8	49
D/W TEMP LT 33 (F)	1	#	#	0	0	0	0	0	0	0	#	1	2	49
HEATING DEGREE DAYS	163	116	49	6	0	0	0	0	0	3	42	131	510	49
COOLING DEGREE DAYS	56	68	139	244	419	517	558	561	509	348	164	72	3653	49
MEAN DEWPOINT TEMP (F)	49	52	55	58	64	70	71	72	70	64	59	52	61	10
MEAN WET BULB TEMP (F)	54	57	60	63	68	74	74	75	73	68	63	56	65	10
99.95% WCPA (FT)	250	350	400	300	200	150	100	150	200	200	250	200	250	10
MEAN REL HUM 07 LST(%)	79.9	80.6	79.8	78.9	79.3	80.8	78.9	81.1	83.4	80.4	81.8	80.6	80.5	10
MEAN REL HUM 13 LST(%)	57.8	56.3	54.1	51.2	51.8	58.6	59.0	61.6	60.3	55.9	58.6	58.9	57.0	10
MAX 24HR PRECIP (IN)	4.30	3.50	3.12	2.99	7.40	10.74	7.29	6.80	6.03	4.90	5.06	3.19	10.74	49
MAX PRECIP (IN)	10.97	8.73	14.38	5.21	11.24	17.23	19.00	18.09	17.31	11.15	7.00	7.57	67.62	49
MEAN PRECIP (IN)	2.34	2.79	3.35	1.57	2.62	5.70	7.02	7.84	6.06	2.91	1.87	2.23	45.79	49
MIN PRECIP (IN)	#	.12	.05	.00	#	1.01	1.80	1.23	.76	#	#	.09	29.25	49
D/W PRECIP GE .01 (IN)	6	6	7	5	6	12	16	16	12	6	5	6	103	49
D/W PRECIP GT .50 (IN)	1	2	2	1	2	3	4	5	4	1	1	2	28	49
MAX 24HR SNFL (IN)	#	#	0	0	0	0	0	0	0	0	0	#	#	44
MAX SNFL (IN)	#	#	0	0	0	0	0	0	0	0	0	#	#	44
MEAN SNFL (IN)	#	#	0	0	0	0	0	0	0	0	0	#	#	44
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44
PRVLNG WND DIR (DBD)	32-34	05-07	05-07	32-34	08-10	08-10	08-10	08-10	05-07	05-07	05-07	05-07	05-07	10
MEAN WND SPD (KTS)	5	6	7	6	6	5	4	5	5	6	6	5	6	10
MAX WND SPD (KTS)	44	65	48	49	52	84	58	55	75	54	65	44	75	44
SKY COVER GT 5/10 (%)	43.7	45.7	42.4	32.8	32.5	45.7	50.5	50.1	44.8	32.6	41.3	47.6	42.4	10
D/W THUNDERSTORMS	1	2	3	3	5	13	19	19	11	3	1	1	81	49
D/W FOG (VSBY LT 7 MI)	14	11	11	7	5	4	2	3	6	7	10	12	92	49

LEGEND: ANN = ANNUAL.
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	18.2	15.2	9.2	4.1	2.2	1.1	.6	1.6	2.0	4.1	9.6	13.4	6.8	10
	03 - 05	25.3	18.8	13.7	5.6	3.8	2.3	1.1	2.4	3.2	7.3	14.1	18.2	9.6	10
CIG	06 - 08	31.4	24.7	16.3	9.2	5.6	4.0	1.7	3.3	3.3	10.8	17.8	20.2	12.4	10
LT 3000 FT	09 - 11	24.6	16.9	9.1	4.2	2.3	1.6	.4	2.6	2.3	8.4	12.6	14.0	8.2	10
AND/OR	12 - 14	13.4	8.0	5.6	1.7	1.2	1.2	1.1	2.3	2.2	3.0	6.9	8.7	4.4	10
VSBY	15 - 17	9.4	6.4	5.7	1.7	.8	1.4	2.3	2.6	2.8	2.3	4.8	9.1	4.1	10
LT 3 MI	18 - 20	8.8	8.5	6.1	2.6	1.5	2.7	2.4	3.2	2.4	3.0	5.9	8.5	4.6	10
	21 - 23	12.9	11.9	5.7	2.8	1.2	2.0	.1	1.1	1.7	2.8	6.3	11.3	5.0	10
	ALL	18.0	13.6	8.9	4.0	2.3	2.0	1.2	2.4	2.5	5.2	9.7	12.9	6.9	10
	00 - 02	13.9	10.3	5.5	2.4	1.4	.3	.1	1.1	1.6	2.8	6.0	10.5	4.7	10
	03 - 05	21.1	15.0	9.6	4.2	2.5	1.4	.4	1.2	2.2	6.1	9.1	14.8	7.3	10
CIG	06 - 08	26.2	20.2	12.4	6.6	3.7	2.8	.6	2.6	2.7	9.9	13.2	16.6	9.8	10
LT 1500 FT	09 - 11	19.8	13.7	9.4	2.4	1.2	.7	.1	1.1	1.8	6.2	8.1	11.0	6.0	10
AND/OR	12 - 14	8.1	3.1	3.1	.8	.4	.4	.3	.8	1.0	1.6	3.1	4.5	2.3	10
VSBY	15 - 17	4.9	2.7	2.4	.4	.1	.6	1.1	.8	1.8	.6	1.9	4.7	1.8	10
LT 3 MI	18 - 20	6.0	4.5	1.7	.9	.4	1.6	1.0	1.6	1.1	.5	3.1	5.1	2.3	10
	21 - 23	9.7	7.9	2.8	1.4	.5	.7	.1	.3	1.0	1.5	3.9	8.1	3.2	10
	ALL	13.7	9.7	5.3	2.4	1.3	1.1	.5	1.2	1.6	3.7	6.1	9.4	4.6	10
	00 - 02	11.5	6.9	3.7	1.0	.9	.2	.0	.3	1.0	2.0	3.8	8.3	3.3	10
	03 - 05	17.1	11.6	5.9	2.0	2.0	1.1	.0	.8	1.1	4.6	7.2	12.7	5.5	10
CIG	06 - 08	21.7	15.7	7.5	3.3	1.8	1.4	.2	.6	1.7	8.2	11.3	13.1	7.2	10
LT 1000 FT	09 - 11	15.4	9.9	3.3	1.1	.2	.0	.0	.6	1.3	4.0	5.3	8.3	4.1	10
AND/OR	12 - 14	5.5	2.0	1.0	.7	.3	.1	.1	.5	.2	.9	1.4	3.2	1.3	10
VSBY	15 - 17	3.8	1.5	.8	.2	.0	.2	.3	.6	1.1	.1	1.1	3.0	1.1	10
LT 2 MI	18 - 20	4.6	2.1	.8	.1	.3	1.0	.3	.6	.2	.3	1.3	2.8	1.2	10
	21 - 23	8.2	4.8	1.1	.3	.5	.7	.1	.2	.3	.4	1.3	6.2	2.0	10
	ALL	11.0	6.8	3.0	1.1	.8	.6	.1	.6	.9	2.6	4.1	7.2	3.2	10
	00 - 02	4.3	1.7	1.2	.1	.0	.0	.0	.0	.0	.0	1.0	1.8	.8	10
	03 - 05	6.8	2.6	1.6	.3	.0	.0	.0	.0	.0	.3	1.9	3.5	1.4	10
CIG	06 - 08	9.1	3.2	2.4	.2	.0	.0	.0	.0	.0	.4	2.4	3.8	1.8	10
LT 200 FT	09 - 11	4.0	1.4	.2	.0	.0	.0	.0	.1	.0	.1	.7	1.0	.6	10
AND/OR	12 - 14	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	10
VSBY	15 - 17	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.0	10
LT 1/2 MI	18 - 20	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	.3	.1	10
	21 - 23	1.3	.8	.3	.0	.0	.0	.0	.0	.0	.0	.3	1.7	.4	10
	ALL	3.2	1.2	.7	.1	.0	.0	.0	.0	.0	.1	.8	1.6	.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

NM/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	1/4	0/2	5/4	4/3	6/3	1/0	0/0	17/16
120NM	0/0	0/0	0/0	0/0	0/1	3/5	3/5	12/15	9/9	9/9	1/0	0/0	37/44
240NM	0/0	0/1	0/0	0/0	1/4	6/10	5/12	19/22	19/33	20/26	2/1	0/0	72/117

REMARKS : 0

PREPARED BY USAFETAC
APR 1971

STATION NAME MAYPORT NS / JACKSONVILLE, FLORIDA
LOCATION N 30 24 W 81 25

PERIOD 1956-1966
ELEV [illegible] ft.

STN LTRS KNRB
WBAN NO 0385
WMO NO

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE °F MEAN DAILY MAX	MEAN DAILY MIN	EXTREME MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION IN MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL IN MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY % LST 04	RELATIVE HUMIDITY % LST 13	MEAN VAPOR PRESSURE IN MB	DEW PT °F	PRESSURE ALTITUDE FT 99.95	PVLG DRCTN 16 PT	SURFACE WIND SPEED MEAN KT	SURFACE WIND SPEED MAX KT	CLOUD AMOUNT SUNRISE-SUNSET	PRECIP ≥ .01	PRECIP ≥ .5	SNOWFALL ≥ .1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG VSBY ≤ ⅞ MI	TEMPERATURE °F MAX ≥ 90	TEMPERATURE °F MAX ≤ 32	TEMPERATURE °F MIN ≤ 32
JAN	61	46	*	80	21	2.9	*	*	1.7	0	0	0	86	69	.31	46	350	NNE	8	40		9	2	0	0	8	14	0	8	1	0
FEB	63	47	*	83	23	4.7	*	*	3.2	0	0	0	85	66	.34	48	400	NNE	8	44		9	3	0	0	1	14	0	1	2	0
MAR	69	53	*	88	30	2.3	*	*	2.6	0	0	0	85	64	.39	52	400	NNE	8	44		9	1	0	0	2	13	0	*	*	0
APR	76	61	*	76	44	1.8	*	*	1.9	0	0	0	85	62	.50	59	350	SE	8	45			2	0	0	3	11	1	8	0	0
MAY	81	67	*	98	54	3.2	*	*	4.9	0	0	0	88	67	.64	66	300	SE	8	40			2	0	0	6	10	3	18	0	0
JUN	84	72	*	98	57	7.2	*	*	7.2	0	0	0	91	71	.76	71	250	E	7	45		13	5	0	0	11	7	4	25	0	0
JUL	87	74	*	98	69	6.5	*	*	3.3	0	0	0	93	71	.92	73	150	SSW	6	30	6	15	4	0	0	14	8	8	31	0	0
AUG	87	74	*	98	68	5.8	*	*	4.5	0	0	0	93	73	.05	74	200	ESE	6	40	5	12	3	0	0	12	8	7	30	0	0
SEP	84	74	*	96	57	4.9	*	*	2.6	0	0	0	87	72	.79	72	300	ENE	8	80	6	11	4	0	0	4	10	2	26	0	*
OCT	78	66	*	91	45	2.7	*	*	1.5	0	0	0	86	68	.60	64	300	NNE	8	46	5	9	2	0	0	2	12	1	13	0	0
NOV	70	56	*	86	30	2.1	*	*	3.1	0	0	0	86	67	.45	56	300	NNE	7	40	5	7	1	0	0	1	15	0	3	*	0
DEC	63	47	*	85	15	2.2	*	*	2.4	0	0	0	86	68	.34	48	300	NNE	7	35	5	[illegible]	2	0	0	1	13	0	1	2	0
ANN	75	61	*	98	15	46.3	*	*	5.7	*	*	*	88	68	.54	61	350	NNE	8	80	5	111	31	0	0	57	135	25	160	7	0
YR	9	9	*	9	9	9	*	*	9	9	9	9	13	13	13	13	13	13	13	9	13	9	9	9	9	9	9	9	9	9	9

REMARKS

Number Observed Within: (POR: 1900-1970)		Feb	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
		A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(A) Hurricanes/Trop. Storms	60NM	0/0	1/0	3/2	4/1	7/1	9/3	8/1	0/0	1/1	33/9
	120NM	0/0	1/0	7/3	6/1	11/4	15/6	14/6	1/0	1/1	56/21
(B) Hurricanes Only	240NM	1/0	2/1	13/4	13/6	24/14	41/24	30/14	2/0	1/1	127/64

01 Hrly Obs: Jan 56 - Dec 68
02 Daily Obs: Oct 59 - Dec 68

SMOS (Navy) POR:

NOTE * DATA NOT AVAILABLE : AMTS - UNITS SHOWN IN HEADING ** MAY HRLY WND SP CLASS INT $ CALM WIND PLUS VRBLTY

CAV FREQ (%)

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	21	21	12	10	8	9	4	5	14	12	[illegible]	19	13	20
	03-05	25	28	16	12	11	12	4	5	16	13	21	22	[illegible]	11
	06-08	29	35	23	18	15	13	8	10	22	23	27	27	[illegible]	[illegible]
	09-11	27	26	20	13	15	20	16	13	22	20	20	[illegible]	20	13
	12-14	25	22	18	13	15	18	20	15	22	20	19	19	[illegible]	[illegible]
	15-17	22	21	17	11	14	17	14	12	19	20	19	[illegible]	[illegible]	[illegible]
	18-20	21	22	12	10	12	15	9	9	17	19	[illegible]	19	[illegible]	[illegible]
	21-23	20	19	9	9	9	10	4	6	13	14	[illegible]	18	12	[illegible]
	ALL HRS	24	24	16	12	13	15	11	10	18	18	20	[illegible]	[illegible]	
CEILING LESS THAN 1500 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	16	16	8	6	4	4	1	3	4	6	[illegible]	[illegible]	[illegible]	[illegible]
	03-05	18	20	12	8	7	6	8	3	6	8	[illegible]	[illegible]	[illegible]	[illegible]
	06-08	23	29	18	14	10	7	5	7	10	16	[illegible]	[illegible]	[illegible]	[illegible]
	09-11	20	20	13	7	6	7	4	6	7	11	[illegible]	[illegible]	[illegible]	[illegible]
	12-14	16	13	8	5	4	5	4	4	6	8	[illegible]	14	[illegible]	[illegible]
	15-17	15	14	9	6	6	6	4	5	8	10	[illegible]	[illegible]	[illegible]	[illegible]
	18-20	[illegible]	15	8	5	6	5	3	5	6	11	[illegible]	[illegible]	[illegible]	[illegible]
	21-23	[illegible]	[illegible]	7	5	4	4	1	3	3	6	[illegible]	[illegible]	[illegible]	[illegible]
	ALL HRS	17	18	10	7	6	6	3	5	7	10	13	16	[illegible]	
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 2 MI	00-02	[illegible]	13	7	4	2	2	1	1	2	4	8	11	[illegible]	[illegible]
	03-05	[illegible]	14	9	6	3	3	1	2	3	6	[illegible]	12	[illegible]	[illegible]
	06-08	17	21	12	10	6	4	3	4	5	[illegible]	[illegible]	15	[illegible]	[illegible]
	09-11	14	14	8	4	4	3	1	2	3	6	10	13	[illegible]	[illegible]
	12-14	12	10	6	3	2	2	2	2	2	4	6	9	[illegible]	[illegible]
	15-17	11	10	5	3	3	3	2	3	3	4	[illegible]	10	[illegible]	[illegible]
	18-20	11	[illegible]	6	3	2	3	1	3	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	21-23	11	11	6	4	2	2	[illegible]	1	1	[illegible]	7	9	[illegible]	[illegible]
	ALL HRS	13	13	7	5	3	3	1	2	3	5	9	11	[illegible]	
CEILING LESS THAN 200 FT AND OR VISIBILITY LESS THAN 1/2 MI	00-02	4	3	2	*	*	0	*	0	*	*	1	3	1	10
	03-05	5	3	2	1	1	*	0	*	*	1	3	5	2	11
	06-08	7	6	2	2	*	1	*	1	1	2	5	5	3	13
	09-11	4	2	1	*	0	*	0	*	0	*	1	2	1	13
	12-14	2	*	*	*	0	*	*	*	0	*	0	1	*	13
	15-17	2	1	*	1	*	*	*	0	0	0	*	3	1	13
	18-20	2	1	*	1	0	*	*	0	0	*	*	3	1	12
	21-23	2	1	1	1	0	0	0	0	*	*	*	3	1	11
	ALL HRS	3	2	1	1	*	*	*	*	*	*	1	3	1	

AWS CLIMATIC BRIEF

MC COY AFB/ORLANDO, FLORIDA — PERIOD 1944-67B — WBAN # 12815 — WMO #

Prepared by ETAC (NOV 1969) — N 28 27 W 81 18 — ELEVATION: 96 ft STN LTRS: KMCO

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUSTS)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	99.95% PRESSURE ALTITUDE (ft)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1"	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	POR (< 7 Miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 40	MINIMUM ≤ 32	MEAN CLOUD (TENTHS)
JAN	86	70	49	24	2.3	2.8	#	#	N	7	40	87	56	50	.36	400	6	1	0	0	1	15	0	3	6	1	5
FEB	89	73	53	29	2.5	2.2	0	0	N	7	48	87	55	52	.39	450	7	#	0	0	2	13	0	7	3	1	5
MAR	91	77	56	34	3.6	5.4	0	0	S	7	50	87	53	55	.43	400	7	2	0	0	3	14	#	13	1	0	5
APR	96	82	62	36	2.3	2.6	0	0	E	7	39	87	50	59	.50	400	6	1	0	0	4	9	2	21	#	0	5
MAY	101	87	66	44	2.5	2.5	0	0	E	6	36	90	50	64	.60	350	7	#	0	0	8	11	8	29	#	0	5
JUN	100	89	71	59	7.1	5.5	0	0	E	5	52	92	58	70	.73	300	14	3	0	0	12	8	15	30	0	0	6
JUL	98	90	73	67	7.2	2.6	0	0	S	5	41	93	61	72	.78	250	17	4	0	0	17	6	19	31	0	0	6
AUG	97	90	74	65	5.7	2.5	0	0	E	4	44	94	63	73	.81	250	16	3	0	0	17	8	19	31	0	0	6
SEP	99	88	72	60	6.1	7.6	0	0	E	5	43	93	63	71	.76	350	15	3	0	0	8	8	11	29	0	0	6
OCT	95	82	66	45	3.5	4.4	0	0	N	6	34	89	59	64	.60	400	9	1	0	0	3	11	2	23	0	0	5
NOV	88	76	57	30	1.5	4.6	0	0	N	6	36	88	55	57	.47	350	5	#	0	0	1	12	0	11	2	#	4
DEC	85	71	50	21	1.7	2.6	0	0	N	6	31	86	57	51	.37	300	6	#	0	0	#	14	0	4	6	1	5
ANN	101	81	63	21	46.1	7.6	#	#	N	6	52	89	57	62	.56	400	115	18	0	0	76	129	76	232	18	3	5
EYR	17	17	17	17	17	17	15	15	18	18	10	18	18	18	18	15	17	17	15	15	15	15	17	17	18	17	15

REMARKS

Pcpt: Hourly Obs: Jan 44-Feb 46, Sep-Oct 46, May 52-Nov 67.
Daily Obs : Jan 44-Feb 46, Sep-Oct 46, May 52-Dec 66.

NOTE; "DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (§) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 ft and/or VSBY less than 5 miles	00-02	17	17	11	7	5	3	2	2	8	6	13	17	9	
	03-05	26	26	21	16	14	10	3	4	9	12	19	22	15	
	06-08	31	33	28	19	17	12	5	7	14	14	24	25	19	
	09-11	21	25	20	19	12	15	13	15	20	14	16	16	17	
	12-14	15	17	15	12	10	14	15	17	21	14	11	12	14	
	15-17	10	12	8	5	6	11	12	13	13	10	9	8	10	
	18-20	9	11	7	4	4	8	7	7	8	9	7	7	7	
	21-23	11	11	6	4	3	7	2	2	7	8	7	10	6	
	ALL HOURS	17	19	15	11	7	10	8	8	13	11	13	15	12	13
CIG less than 1500 ft and/or VSBY less than 3 miles	00-02	13	12	9	6	4	2	1	1	4	4	10	13	7	
	03-05	21	20	17	14	12	9	2	3	7	9	17	19	12	
	06-08	25	28	24	16	14	7	4	5	11	12	21	24	16	
	09-11	14	16	10	4	2	2	1	1	4	5	11	12	7	
	12-14	7	5	4	1	1	2	2	2	3	4	4	5	3	
	15-17	4	5	3	2	1	3	3	2	3	4	3	4	3	
	18-20	5	6	4	1	1	3	1	2	3	4	4	4	3	
	21-23	7	9	4	2	1	1	#	1	3	3	5	7	4	
	ALL HOURS	12	13	9	6	5	1	2	2	5	6	9	11	7	18
CIG less than 1000 ft and/or VSBY less than 3 miles	00-02	10	10	6	4	2	1	1	1	3	3	8	11	5	
	03-05	16	17	13	10	6	6	2	3	5	7	14	16	10	
	06-08	22	23	19	12	11	6	3	5	7	10	19	20	13	
	09-11	11	12	7	4	1	1	#	#	3	4	9	9	5	
	12-14	4	4	3	#	#	1	1	1	2	2	2	3	2	
	15-17	3	3	2	1	1	2	2	1	2	2	2	2	2	
	18-20	3	4	3	1	1	1	1	1	2	3	3	3	2	
	21-23	5	6	3	2	1	1	#	1	2	2	4	5	3	
	ALL HOURS	9	10	7	4	3	2	1	2	3	4	7	9	5	18
CIG less than 500 ft and/or VSBY less than 1 mile	00-02	3	2	1	1	#	0	#	#	#	1	2	5	1	
	03-05	7	5	5	4	3	2	#	1	1	2	5	8	4	
	06-08	9	8	5	3	3	1	#	1	2	3	7	9	5	
	09-11	3	1	#	0	0	0	0	0	0	1	1	2	#	
	12-14	0	0	0	•	#	#	#	#	#	0	0	1	#	
	15-17	0	0	0	•	#	1	#	#	#	0	1	1	#	
	18-20	0	#	0	0	0	#	#	0	0	0	#	2	#	
	21-23	1	1	0	#	0	#	#	0	#	#	#	2	#	
	ALL HOURS	3	2	1	1	1	1	#	#	#	1	2	3	1	16

AWS CLIMATIC BRIEF

MIAMI INT., FLORIDA — PERIOD 1948-70 — WBAN # 12839 — WMO # 72202

Prepared by ETAC (MAR 1972) — N 25 43 W 80 17 — FIELD ELEVATION 11 ft — STN LTRS KMIA

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN			MEAN	MEAN NUMBER OF DAYS					TEMPERATURE (°F)				MEAN CLDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (PEAK GUST)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE 99.95% (Feet)	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 50	MINIMUM ≤ 40	
JAN	86	76	58	34	2.0	2.5			ESE	8	50	84	59	57	.47	200	7	1			1	7	0	8	6	1	5
FEB	89	77	59	35	1.9	5.7			SE	9	46	85	57	59	.50	250	5	1			1	5	0	11	4	#	4
MAR	90	80	61	37	2.3	7.1			SE	9	52	83	56	61	.54	250	6	1			2	3	#	17	2	#	5
APR	93	83	66	42	3.9	5.2			ESE	9	68	82	56	63	.58	250	6	2			3	3	1	25	#	0	5
MAY	94	85	70	55	6.4	4.4			ESE	8	44	85	59	68	.69	200	10	3			7	2	2	30	0	0	5
JUN	95	88	74	65	7.4	7.6			ESE	7	59	88	65	72	.79	200	15	6			13	1	9	30	0	0	6
JUL	96	89	75	69	6.8	4.9			ESE	7	44	87	64	73	.82	50	16	3			15	1	14	31	0	0	6
AUG	98	90	75	68	7.0	6.9			ESE	7	87	88	63	73	.82	150	16	5			16	1	11	31	0	0	6
SEP	95	88	75	69	9.5	7.6			E	7	82	89	66	73	.82	250	17	6			12	1	9	30	0	0	6
OCT	91	85	71	54	5.2	4.0			NE	8	109	87	63	69	.71	300	15	4			5	3	1	29	0	0	5
NOV	89	80	65	39	2.3	7.9			N	8	46	85	60	63	.58	200	8	1			1	5	0	19	2	#	5
DEC	86	77	59	34	1.7	4.4			N	8	40	84	59	58	.49	150	6	1			1	6	0	9	5	1	5
ANN	98	83	67	34	50.1	10.0	0	0	ESE	8	109	86	61	66	.64	250	127	34	0	0	77	37	55	270	19	2	5
EYR	23	30	30	23	30	26	23	23	23	23	21	23	23	23	23	23	26	23	28	28	23	23	23	23	23	23	23

REMARKS

	FEB A/B	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
NUMBER OBSERVED WITHIN:										
(POR: 1900-1971) 60 NM	1/0	1/0	3/1	1/1	4/3	13/12	12/11	2/1	0/0	37/29
(A) HURRICANES/TROPICAL STORMS 120 NM	1/0	2/1	5/3	2/2	9/4	20/14	19/15	3/2	0/0	61/41
(B) HURRICANES ONLY 240 NM	1/0	2/1	9/4	9/6	22/11	41/22	36/23	10/3	1/0	131/70

RUSSMO POR: HRLY AND DAILY OBS: 4[illegible]1-7007. [1] INCLUDES 1970 NOAA/EDS LCD.

NOTE: -DATA NOT AVAILABLE. 0LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	9	8	8	5	6	4	3	3	5	9	7	10	6	
	03-05	12	12	9	8	8	3	4	4	5	9	11	11	8	
	06-08	13	13	9	10	9	6	3	4	5	11	11	11	9	
	09-11	11	15	13	14	16	14	12	10	14	14	10	9	13	
	12-14	14	15	13	15	15	13	11	11	13	16	11	12	13	
	15-17	9	9	9	9	10	10	5	6	7	11	7	8	8	
	18-20	7	7	5	5	6	7	3	4	6	8	6	7	6	
	21-23	7	8	6	4	5	5	4	3	5	9	5	7	6	
	ALL HOURS	10	11	9	9	9	8	6	6	8	11	8	9	9	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	4	4	3	1	2	1	#	#	1	3	3	4	2	
	03-05	7	7	5	3	2	1	1	1	2	4	4	5	4	
	06-08	8	8	5	5	4	1	1	1	2	5	8	7	5	
	09-11	4	5	3	2	2	2	#	#	2	4	4	4	3	
	12-14	3	3	2	1	2	3	1	1	2	3	2	3	2	
	15-17	3	2	2	2	2	2	1	1	2	3	2	3	2	
	18-20	3	3	1	1	2	2	1	1	1	3	2	2	2	
	21-23	2	4	2	1	1	1	#	#	1	3	1	2	2	
	ALL HOURS	4	4	3	2	2	2	1	1	2	3	4	4	3	<2
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	3	2	1	#	#	#	#	#	#	1	2	2	1	
	03-05	6	5	3	2	1	#	#	#	1	2	6	4	3	
	06-08	6	6	3	3	2	#	#	#	1	2	7	6	3	
	09-11	3	2	1	#	1	1	#	#	1	1	3	2	1	
	12-14	2	1	1	#	1	1	1	1	1	1	1	1	1	
	15-17	1	1	1	1	1	1	#	1	1	1	1	1	1	
	18-20	1	1	1	#	1	1	#	1	#	1	1	1	1	
	21-23	1	2	1	#	#	#	0	#	1	1	1	1	1	
	ALL HOURS	3	3	1	1	1	1	#	#	1	1	3	2	1	22
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	1	#	#	#	0	0	0	0	0	#	#	#	#	
	03-05	2	2	1	1	#	#	0	#	0	#	2	1	1	
	06-08	2	2	1	1	1	#	0	0	#	#	2	1	1	
	09-11	#	#	0	0	0	0	0	0	0	0	0	#	#	
	12-14	0	#	0	0	0	#	0	#	#	#	#	#	#	
	15-17	0	0	0	0	#	0	#	0	0	0	0	0	#	
	18-20	#	0	0	0	0	#	0	0	0	0	0	0	#	
	21-23	0	0	0	0	0	0	0	0	0	#	0	0	#	
	ALL HOURS	1	1	#	#	#	#	#	#	#	#	1	#	#	<2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MIAMI INTL FL USA — STATION #: 722020 — ICAO ID: KMIA
LOCATION: 25°48'N, 80°18'W — ELEVATION (FEET): 11 — LST = GMT -5
PREPARED BY: USAFETAC/ECR, 1988 — PERIOD: JAN 73 - DEC 83

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	86	89	90	96	94	95	96	98	95	92	89	86	98
MEAN DLY MAX	1	75	76	79	82	85	87	89	88	87	84	80	77	82
MEAN	1	68	69	73	76	79	82	83	83	82	79	74	70	76
MEAN DLY MIN	1	60	61	66	70	73	76	77	77	77	73	68	63	70
EXTREME MIN	2	34	35	37	42	55	65	69	68	69	54	39	34	34
# DAYS ≥ 90	1	0	0	#	1	1	3	7	5	3	#	0	0	20
# DAYS ≤ 32	1	0	0	0	,	0	0	0	0	0	0	0	0	0
# DAYS ≤ 0	1	0	0	0	,	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	6.7	6.6	4.0	4.6	18.5	22.4	8.5	14.6	11.4	16.8	4.6	4.3	22.4
MEAN	2	2.8	2.3	2.4	1.7	6.7	12.3	6.4	7.3	8.4	8.3	2.0	1.6	62.2
MINIMUM	2	.5	.1	.4	.1	.4	5.5	4.5	3.6	5.1	2.9	.1	.1	.1
MAX 24 HR	2	2.4	4.5	2.1	1.7	4.4	4.7	2.7	2.8	4.1	5.7	2.5	1.8	5.7
# DAYS ≥ 0.01	2	9	6	6	5	11	19	17	18	17	15	8	6	137
# DAYS ≥ 0.5	2	2	2	1	1	4	7	4	5	6	5	1	1	39
3. SNOWFALL (INCHES)														
MEAN	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (06 LST)	1	83	83	82	78	83	87	86	88	88	85	84	83	84
RH (14 LST)	1	58	56	55	53	60	65	62	66	67	62	61	58	60
VAPOR PRESS	2	.53	.49	.55	.60	.69	.79	.82	.83	.83	.73	.58	.52	.66
DEWPOINT	1	57	57	61	63	68	72	73	74	74	69	64	59	66
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NNW	E	ESE	E	E	E	ESE	E	E	E	E	N	E
MEAN SPEED (PVLG DRCTN)	1	8	11	19	12	11	9	9	9	9	9	10	8	10
MEAN SPEED (ALL OBS)	1	8	9	9	10	9	7	7	7	7	8	9	8	8
MAX (PK GST)	1	41	42	44	40	54	36	47	41	36	33	37	38	54
PRESSURE ALT	1	200	250	350	250	150	100	50	200	250	150	100	150	350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	4	5	5	5	5	4	4	4	4
DAYS TSTMS	1	1	2	1	3	8	13	14	16	14	4	1	2	79
DAYS FOG < 7	1	7	6	5	3	2	1	1	1	1	3	4	5	39
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM > PVLG DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR
2. RUSSWO POR: HOURLY AND DAILY OBS: 4801-7007
3.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	13	7	7	5	2	2	3	4	5	6	6	6
03-05 LST	9	13	8	7	7	3	3	5	3	5	10	9	7
06-08 LST	9	14	10	8	9	4	2	5	4	7	10	11	8
09-11 LST	10	16	19	14	22	15	15	14	13	13	12	10	14
12-14 LST	15	18	26	19	25	18	15	15	18	15	16	15	18
15-17 LST	9	13	15	11	14	10	7	9	8	9	10	10	11
18-20 LST	6	9	6	6	8	5	3	5	6	6	6	8	6
21-23 LST	6	10	4	5	5	3	2	4	4	6	6	6	5
ALL HOURS	9	13	12	9	12	8	6	7	8	8	10	9	9

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	1	1	#	#	1	1	1	2	3	2
03-05 LST	5	7	3	1	2	1	1	1	1	2	4	3	3
06-08 LST	5	7	4	4	4	1	1	1	1	3	5	5	3
09-11 LST	4	6	2	2	3	1	#	2	1	2	3	4	3
12-14 LST	3	4	1	1	2	2	#	2	2	2	2	3	2
15-17 LST	2	4	1	1	1	2	1	2	1	2	1	3	2
18-20 LST	2	3	1	1	1	2	#	1	1	1	2	2	1
21-23 LST	2	3	#	1	1	1	#	1	#	1	2	2	1
ALL HOURS	3	5	2	2	2	1	#	1	1	2	2	3	2

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	#	1	0	0	#	#	1	1	2	1
03-05 LST	4	5	1	1	1	#	#	1	#	1	3	3	2
06-08 LST	4	5	2	2	2	#	#	1	1	2	3	4	2
09-11 LST	3	3	1	1	1	#	0	1	1	1	2	2	1
12-14 LST	2	1	#	1	#	1	#	1	1	1	1	2	1
15-17 LST	1	2	1	#	0	1	#	1	#	1	1	2	1
18-20 LST	1	1	#	#	0	1	#	#	#	1	1	2	1
21-23 LST	1	1	#	0	0	#	0	1	0	#	1	1	1
ALL HOURS	2	3	1	1	#	#	#	1	#	1	1	2	2

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	0	0	0	#	0	0	0	#
03-05 LST	1	1	#	#	0	0	#	0	0	#	0	1	#
06-08 LST	1	1	#	1	@	0	#	0	0	0	#	1	#
09-11 LST	#	#	0	0	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
15-17 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
18-20 LST	0	#	0	0	0	0	#	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	#	#	#	#	#	#	#	0	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MIAMI INTL FL USA
LOCATION: 25°47.6'N, 80°17.5'W
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 722020
ELEVATION (FEET): 11
PERIOD: JAN 73 - DEC 83

ICAO ID: KMIA
LST = GMT -5

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	#	1	1	2	2	#	#	0	1
03-05 LST	#	#	#	#	1	1	2	3	2	#	#	#	1
06-08 LST	#	#	#	#	1	2	1	2	2	#	#	#	1
09-11 LST	#	0	#	1	1	2	2	3	2	#	#	#	1
12-14 LST	#	#	#	1	4	7	6	8	7	1	#	#	3
15-17 LST	#	#	#	1	3	7	5	6	5	1	0	#	2
18-20 LST	#	#	1	1	2	4	3	3	4	2	#	0	2
21-23 LST	#	#	#	#	1	2	1	2	3	1	0	#	1
ALL HOURS	#	#	#	1	2	3	3	4	3	1	#	#	2

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	6	2	1	2	4	3	4	5	4	4	3	3
03-05 LST	2	5	3	3	4	4	3	5	5	5	5	3	4
06-08 LST	3	5	3	2	5	5	3	7	5	4	4	2	4
09-11 LST	5	4	3	3	5	7	4	8	7	5	3	3	5
12-14 LST	4	5	3	4	8	11	6	9	10	6	5	3	6
15-17 LST	4	7	4	3	10	13	7	9	9	7	4	4	7
18-20 LST	3	7	3	3	8	10	6	7	8	6	4	4	6
21-23 LST	3	6	2	3	4	6	3	4	4	4	5	2	4
ALL HOURS	3	6	3	3	6	8	4	7	6	5	4	3	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	#	1	1	1	1	#	1	#	1
03-05 LST	#	1	1	#	#	#	#	#	#	#	#	#	#
06-08 LST	#	#	#	1	0	#	#	1	#	#	#	#	#
09-11 LST	#	#	0	#	#	#	#	1	#	0	#	#	#
12-14 LST	1	#	1	1	#	#	#	1	#	#	#	#	#
15-17 LST	1	2	3	2	1	1	#	1	#	2	1	1	1
18-20 LST	2	2	4	2	1	1	1	2	1	1	1	1	2
21-23 LST	1	1	2	1	1	1	1	1	#	1	#	#	1
ALL HOURS	1	1	1	1	#	1	1	1	#	1	#	#	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
¢ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 83
2. AIRPORT CLIMATOLOGICAL SUMMARY, 1965-1974, NOAA
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	#	#	0	0	#	#	#	#	2	1
03-05 LST	4	4	1	1	1	#	#	1	#	1	2	2	1
06-08 LST	4	4	2	2	2	#	#	1	1	1	3	3	2
09-11 LST	2	2	1	1	1	#	0	1	#	#	2	2	1
12-14 LST	2	1	#	#	1	1	#	1	1	1	1	2	1
15-17 LST	1	1	1	#	#	1	#	1	#	1	#	1	1
18-20 LST	#	1	#	0	0	1	#	#	#	#	1	1	1
21-23 LST	1	1	#	0	0	0	0	#	0	#	1	1	#
ALL HOURS	2	2	1	1	1	#	#	1	#	#	1	2	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	0	0	0	#	#	#	#	1	#
03-05 LST	2	2	1	1	1	#	#	#	#	1	1	1	1
06-08 LST	2	3	1	1	2	0	#	#	#	#	2	3	1
09-11 LST	1	1	#	#	1	#	0	1	#	#	1	1	1
12-14 LST	1	1	#	#	1	#	#	1	1	1	#	#	1
15-17 LST	1	1	1	#	#	#	#	1	#	#	#	#	#
18-20 LST	#	#	#	0	0	1	#	#	#	0	#	#	#
21-23 LST	#	#	#	0	0	0	0	#	0	#	#	1	#
ALL HOURS	1	1	1	#	1	#	#	#	#	#	1	1	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	#	0	0	0	0	#	#	0	0	#	#
03-05 LST	1	2	#	#	#	0	#	#	0	#	#	1	#
06-08 LST	1	2	1	1	1	0	#	0	0	0	1	2	1
09-11 LST	#	1	#	#	#	#	0	#	#	#	#	1	#
12-14 LST	0	#	0	#	1	0	#	#	1	0	#	0	#
15-17 LST	0	#	0	#	0	0	#	#	0	#	0	#	#
18-20 LST	0	#	0	0	0	#	#	#	#	0	0	0	#
21-23 LST	#	0	0	0	0	0	0	#	0	0	0	0	#
ALL HOURS	#	1	#	#	#	#	#	#	#	#	#	1	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
03-05 LST	#	1	#	0	0	0	0	0	0	0	0	#	#
06-08 LST	#	1	#	#	#	0	0	0	0	0	#	#	#
09-11 LST	#	#	0	0	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	0	0	0	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	#	#	#	#	#	0	0	0	0	0	#	#	#

A W S	STATION NAME: NASA SHUTTLE LANDING FACILITY FL	FIELD ELEV: 9 FT
	LATITUDE/LONGITUDE: 28 37 N 080 41 W	STATION WSC: 747945
CLIMATIC BRIEF	HOURLY OBS POR: NOV 78 - OCT 88	CALL SIGN: X68
	SUMMARY OF DAY POR: MAR 78 - OCT 88	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: JUN 81
JAN 89	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	85	87	90	91	93	98	97	97	94	93	89	85	98	10
MEAN MAX TEMP (F)	67	70	74	79	83	88	90	89	87	83	77	72	80	10
MEAN TEMP (F)	58	62	66	70	75	80	82	82	80	75	70	64	72	10
MEAN MIN TEMP (F)	48	52	56	60	66	72	73	74	73	68	62	55	64	10
EXTRM MIN TEMP (F)	19	32	29	40	48	53	55	64	57	47	32	22	19	10
D/W TEMP GE 100 (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
D/W TEMP GE 90 (F)	0	0	#	1	3	9	15	14	6	1	0	0	49	10
D/W TEMP LT 40 (F)	6	3	1	0	0	0	0	0	0	0	1	2	13	10
D/W TEMP LT 33 (F)	2	#	1	0	0	0	0	0	0	0	#	1	4	10
HEATING DEGREE DAYS	235	139	73	14	0	0	0	0	0	#	34	117	612	11
COOLING DEGREE DAYS	28	49	94	169	314	448	520	522	451	326	182	90	3193	11
MEAN DEWPOINT TEMP (F)	50	53	56	59	65	72	73	74	72	67	62	57	63	10
MEAN WET BULB TEMP (F)	54	56	60	63	68	74	75	76	74	69	65	59	66	10
99.95% WCPA (FT)	300	350	450	300	200	200	100	150	250	200	200	200	250	10
MEAN REL HUM 07 LST(%)	89.3	88.2	86.9	85.0	83.9	87.1	88.4	90.2	89.7	86.6	89.7	89.5	87.9	10
MEAN REL HUM 13 LST(%)	60.8	60.3	57.2	53.6	58.8	63.9	63.9	67.0	67.5	62.9	65.4	64.1	62.1	10
MAX 24HR PRECIP (IN)	4.55	2.22	3.03	5.13	2.42	3.09	3.30	2.89	5.31	2.31	5.12	2.76	5.31	10
MAX PRECIP (IN)	7.08	7.84	8.54	7.82	5.01	8.85	12.79	10.06	14.71	6.00	10.82	5.85	55.64	10
MEAN PRECIP (IN)	2.63	2.88	3.28	2.43	3.08	4.91	6.32	5.20	6.41	3.14	3.88	2.62	46.87	10
MIN PRECIP (IN)	.06	.70	1.07	.04	1.18	2.20	2.35	1.14	2.09	.53	.17	.30	34.29	10
D/W PRECIP GE .01 (IN)	7	8	7	5	8	11	11	12	13	9	8	8	107	10
D/W PRECIP GT .50 (IN)	2	2	3	1	2	3	4	4	4	2	2	2	31	10
MAX 24HR SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
MAX SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
PRVLNG WND DIR (DEG)	32-34	35-01	14-16	14-16	11-13	08-10	17-19	11-13	08-10	05-07	35-01	32-34	08-10	10
MEAN WND SPD (KTS)	7	8	8	8	7	6	6	5	6	6	6	7	7	10
MAX WND SPD (KTS)	45	42	46	46	46	48	50	45	67	47	42	38	67	10
SKY COVER GT 5/10 (%)	49.0	51.4	46.0	39.2	40.0	51.4	48.0	51.5	50.0	40.1	47.0	54.3	47.6	10
D/W THUNDERSTORMS	1	2	3	3	7	12	16	15	9	4	2	2	76	10
D/W FOG (VSBY LT 7 MI)	12	11	9	7	6	5	4	6	4	6	7	11	88	10

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
00 - 02	13.4	12.8	7.7	4.0	3.1	2.0	1.2	1.5	3.3	4.3	7.8	14.1	6.3	10
03 - 05	16.5	12.8	9.9	5.9	3.0	4.1	.8	2.2	3.1	5.1	11.4	18.5	7.8	10
06 - 08	22.3	19.9	16.0	7.6	4.9	5.9	3.3	2.7	5.7	7.5	13.7	19.6	10.8	10
09 - 11	17.2	15.2	9.7	4.7	4.0	5.0	1.7	3.0	5.7	5.9	9.7	13.0	7.9	10
12 - 14	14.0	9.3	6.6	3.7	4.4	5.3	3.9	4.2	5.9	3.8	7.9	10.4	6.6	10
15 - 17	11.9	8.6	4.3	2.8	4.2	3.1	4.3	4.1	6.3	3.3	6.6	9.1	5.7	10
18 - 20	10.5	9.5	5.6	3.8	3.2	3.2	3.9	3.0	4.7	4.6	6.9	9.0	5.7	10
21 - 23	9.7	8.0	5.1	3.8	1.9	2.7	2.9	1.6	3.4	4.2	8.2	9.2	5.1	10
ALL	14.4	12.0	8.1	4.5	3.6	3.9	2.7	2.8	4.8	4.8	9.0	12.9	6.9	10
CIG LT 3000 FT AND/OR VSBY LT 3 MI														
00 - 02	9.0	6.8	4.0	2.4	1.4	.3	.2	.5	.7	1.1	5.2	8.4	3.3	10
03 - 05	10.8	9.1	5.3	3.9	1.6	2.4	.2	1.3	1.0	2.9	7.3	12.0	4.8	10
06 - 08	17.0	15.0	10.0	5.9	3.0	4.6	2.2	1.9	2.6	4.7	9.4	14.7	7.6	10
09 - 11	11.1	10.8	4.1	2.2	.9	1.0	.3	.5	1.6	3.1	6.7	9.1	4.3	10
12 - 14	7.0	4.4	1.6	.8	.9	.3	.6	.6	1.2	1.0	3.4	5.1	2.2	10
15 - 17	6.6	3.1	1.8	.8	1.5	.6	1.1	1.2	.7	1.4	2.8	3.7	2.1	10
18 - 20	5.9	5.3	3.2	1.4	.4	1.0	1.2	.9	1.0	1.6	2.4	3.1	2.3	10
21 - 23	6.1	5.1	2.6	1.7	.1	.4	.8	.5	.6	1.3	4.2	4.4	2.3	10
ALL	9.2	7.4	4.1	2.4	1.2	1.3	.8	.9	1.2	2.1	5.2	7.6	3.6	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI														
00 - 02	7.1	5.3	2.9	1.9	.9	.3	.0	.4	.3	.2	3.9	6.7	2.5	10
03 - 05	8.9	6.8	3.7	2.4	1.1	1.8	.2	1.1	.8	1.6	6.3	10.2	3.7	10
06 - 08	12.8	11.7	5.9	4.1	2.4	3.7	1.4	1.3	1.7	3.2	6.9	11.4	5.5	10
09 - 11	8.4	7.5	1.6	.8	.5	.7	.2	.2	.4	1.7	5.6	7.2	2.9	10
12 - 14	5.7	3.2	1.1	.2	.4	.2	.2	.4	.3	.6	1.2	2.9	1.4	10
15 - 17	5.7	2.0	1.5	.7	.8	.1	.4	1.1	.4	.6	1.0	1.8	1.3	10
18 - 20	5.4	3.3	1.7	.6	.1	.6	.4	.5	.1	.4	1.3	1.8	1.3	10
21 - 23	5.1	4.2	1.9	.7	.1	.0	.1	.1	.0	.0	2.3	3.2	1.5	10
ALL	7.4	5.5	2.5	1.4	.8	.9	.4	.6	.5	1.1	3.6	5.7	2.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI														
00 - 02	1.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	.2	1.3	.3	10
03 - 05	1.7	.9	.6	.2	.0	.0	.0	.0	.0	.0	1.1	2.0	.5	10
06 - 08	2.5	2.0	1.1	.3	.2	.4	.2	.0	.1	.6	2.3	3.0	1.1	10
09 - 11	.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.2	10
12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
18 - 20	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
21 - 23	.1	.6	.0	.0	.0	.0	.1	.0	.0	.0	.1	.4	.1	10
ALL	.8	.7	.2	.1	.0	.1	.0	.0	.0	.1	.5	.9	.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI														

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1975-1986 (SPECIAL POR):
NOTE: STORMS ARE COUNTED IN THEIR MONTH OF ORIGIN.

HR/TS	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	1/2	0/2	0/0	0/0	1/5
120NM	0/1	1/1	1/2	1/2	0/1	0/0	3/7
240NM	0/2	1/1	2/3	1/2	0/1	1/1	5/10

REMARKS : @ ALL DATA FOR THIS CLIMATIC BRIEF DERIVED EXCLUSIVELY FROM STATION X68.

PREPARED BY USAFETAC
APRIL 1981

STATION NAME PATRICK AFB FL
LOCATION 28° 14' 00"C 36

PERIOD JAN 50-NOV 80
ELEV 9 FT

STN LTRS COF
WBAN NO 12867
WMO NO 74795

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	69	56	63	86	29	2.3	7.8	0	3.8	0	0	0
FEB	70	56	63	88	32	2.8	6.6	.1	4.7	0	0	0
MAR	74	61	68	90	37	2.9	11.0	0	3.6	0	0	0
APR	78	67	73	96	48	1.9	6.6	.1	2.8	0	0	0
MAY	82	72	77	94	57	3.6	11.5	.1	3.2	0	0	0
JUN	85	75	80	98	67	5.6	20.0	.7	6.9	0	0	0
JUL	87	76	82	99	67	6.0	15.3	.6	5.8	0	0	0
AUG	87	77	82	97	68	6.4	11.4	.9	3.4	0	0	0
SEP	86	77	82	95	66	7.0	17.9	1.1	7.0	0	0	0
OCT	81	72	77	91	50	5.2	17.9	.2	7.6	0	0	0
NOV	75	64	70	87	33	2.3	6.7	0	4.9	0	0	0
DEC	71	54	63	86	27	1.9	5.1	.1	12.0	0	0	0
ANN	79	66	73	99	27	58.7	27.9	0	7.6	0	0	0
RYR	31	31	31	31	31	31	31	31	31	31	31	31

MEAN RELATIVE HUMIDITY (%) LST 07	13	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	MEAN PRESSURE (PT) 00	06	12	18	MEAN SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (ET) 00	MEAN CLOUDINESS (tenths)
83	65	.65	56	250	NNW	7	45	6
84	63	.6C	53	300	N	8	5C	5
8C	62	.52	5C	320	SE	8	42	5
75	59	.56	52	340	E	8	45	5
76	65	.69	58	250	E	7	54	6
81	70	.7V	72	200	E	6	64	6
81	71	.85	7V	50	E	5	60	6
81	71	.85	7V	100	E	5	66C	6
82	71	.85	7V	200	E	6	64	6
79	66	.6V	68	250	E	6	58	5
81	66	.56	62	200	N	7	59	6
84	68	.5L	59	250	NNW	7	43	5
81	68	.62	65	250	E	7	84	6
1C	1C	1C	10	10	10	10	23	1C

MEAN NUMBER OF DAYS OCCURRENCE OF

PRECIP (.01) ≥ .01	≥ .5	SNOWFALL (.1) ≥ .1	≥ 1.3	THUNDER STORMS	FOG VSBY ≤ 7MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 85	MIN ≤ 45	MIN ≤ 32
6	1	C	C	1	4	C	0	4	0
7	2	C	C	1	4	0	0	2	0
7	2	C	C	3	7	0	2	1	0
5	1	C	0	3	5	1	3	C	C
6	2	C	0	7	3	3	6	0	C
11	4	C	C	12	2	5	17	0	C
11	3	C	0	14	1	4	26	C	0
11	3	C	0	14	1	4	27	C	C
9	2	2	2	22	C	C			
11	3	C	0	3	3	0	0	C	
7	1	C	0	1	0	C	0	2	0
7	1	C	0	1	0	C	0	2	0
105	27	0	0	49	55	15	109	10	0
31	31	31	31	31	31	31	31	31	31

REMARKS

RUSWO POR:
HRLY DATA: DEC 70-MAR 74 (26 OBS/DAY)
APR 74-NOV 80 (17 OBS/DAY)
DAILY DATA: JAN 50-NOV 80

NUMBER OBSERVED WITHIN (1900-1979)

	A/B	FEB	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	0/1	2/0	3/5	0/2	0/0	0/0	5/9
120NM	0/1	1/1	2/2	2/3	8/9	3/3	7/6	1/0	24/25
240NM	0/1	1/4	3/7	5/9	17/21	17/18	19/25	1/2	63/87

(A) HURRICANES
(B) TROPICAL STORMS

NOTE * DATA NOT AVAILABLE = ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM GRTR % PVLG DRCTN 2 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	RYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	9	6	4	4	2	3	C	1	4	2	3	6	4	4
	03-05	15	12	8	10	5	6	1	1	4	4	6	10	6	5
	06-08	15	16	12	11	7	5	2	1	3	5	10	14	8	10
	09-11	10	10	7	7	3	3	1	1	3	4	7	12	6	10
	12-14	9	7	4	3	2	3	2	1	2	5	5	8	4	10
	15-17	6	4	3	2	3	5	3	3	4	4	5	7	4	10
	18-20	7	5	3	1	4	5	3	3	5	4	4	6	4	10
	21-23	7	6	4	1	2	2	1	1	2	2	5	7	3	10
	ALL HRS	10	8	6	5	3	4	2	2	3	4	5	9	5	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	6	4	1	3	0	2	0	C	1	0	2	6	2	4
	03-05	13	8	3	6	1	3	0	1	2	2	3	8	4	5
	06-08	14	12	9	7	4	4	2	1	2	3	8	11	7	10
	09-11	7	7	4	3	1	1	1	0	1	2	4	9	3	10
	12-14	5	3	1	1	1	1	0	0	0	1	2	4	2	10
	15-17	3	2	2	0	2	2	1	1	2	1	2	3	2	10
	18-20	4	2	1	0	2	2	1	1	2	1	2	3	2	10
	21-23	6	4	1	0	1	1	0	0	1	1	3	5	2	10
	ALL HRS	7	5	3	3	2	2	1	1	1	1	3	6	3	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	5	2	1	2	C	1	0	C	1	C	1	5	2	4
	03-05	11	6	2	4	1	1	0	1	1	1	1	7	3	5
	06-08	10	8	6	4	4	2	1	0	1	2	6	9	6	10
	09-11	5	4	2	2	2	1	0	0	1	1	3	7	2	10
	12-14	3	1	1	0	1	0	0	0	0	1	1	3	1	10
	15-17	2	1	1	0	1	1	1	0	1	0	1	2	1	10
	18-20	3	1	0	0	1	1	1	0	1	0	2	2	1	10
	21-23	3	2	1	0	0	0	0	0	0	0	2	4	1	10
	ALL HRS	5	3	2	1	1	1	0	0	1	1	2	5	2	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	0	0	0	C	C	C	0	0	C	C	2	0	4
	03-05	3	2	0	1	C	0	C	C	0	C	C	1	1	5
	06-08	4	3	1	1	1	0	0	C	0	C	1	3	1	10
	09-11	0	1	0	0	C	0	0	C	C	0	0	1	0	10
	12-14	0	0	C	0	0	0	0	0	0	C	C	0	0	10
	15-17	0	0	C	0	0	0	0	0	0	C	C	C	0	10
	18-20	0	0	C	0	0	0	0	0	0	C	C	0	0	10
	21-23	0	0	C	0	C	0	C	0	0	C	C	1	0	10
	ALL HRS	1	1	0	0	0	0	0	0	0	0	0	1	0	

AWS CLIMATIC BRIEF — PENSACOLA NAS/FORREST SHERMAN FLD, FLORIDA PERIOD 1949-67 — WBAN # 03855 — WMO # —

Prepared by ETAC (AUG 1971) — N 30 21 W 87 19 — ELEVATION 40 ft — STN LTRS KNPA

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	TEMPERATURE (°F) MEAN DAILY MAXIMUM	TEMPERATURE (°F) MEAN DAILY MINIMUM	TEMPERATURE (°F) EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	PRECIPITATION (in) MAXIMUM IN 24 HOURS	PRECIPITATION (in) MEAN SNOWFALL	PRECIPITATION (in) MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	WIND (KT) MEAN SPEED	WIND (KT) EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN WBGH PRESSURE (mb)	99.95% PRESSURE ALTITUDE (feet)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	76	61	45	9	3.4	3.5	#	#	N	9	60	84	67	43	.28	400	9	2	#	0	2	16	0	0	4	0	0
FEB	78	63	48	12	4.8	6.2	#	1	N	9	56	85	66	47	.32	450	10	3	#	0	2	14	0	0	3	0	0
MAR	82	67	52	25	4.4	4.7	#	#	SE	9	53	85	64	51	.38	450	10	3	0	0	4	16	0	#	1	0	6
APR	90	73	61	39	4.6	4.2	0	0	SSE	9	83	87	66	59	.50	400	7	3	0	0	4	15	#	4	0	0	5
MAY	96	81	68	44	2.3	3.6	0	0	SSW	8	49	88	65	66	.64	300	6	2	0	0	5	11	1	20	0	0	5
JUN	97	86	74	58	4.6	5.1	0	0	SSW	8	57	87	67	71	.76	250	9	3	0	0	9	8	5	29	0	0	5
JUL	97	88	75	61	6.5	4.8	0	0	SSW	7	59	90	70	74	.85	200	13	4	0	0	15	8	8	31	0	0	6
AUG	100	88	75	62	6.0	5.3	0	0	SSW	7	65	90	67	73	.82	250	12	3	0	0	13	9	11	31	0	0	5
SEP	95	85	72	46	7.5	13.5	0	0	E	8	76	88	67	70	.74	300	10	4	0	0	7	9	4	26	0	0	5
OCT	89	78	61	36	3.6	7.9	0	0	N	8	51	85	59	59	.50	300	5	2	0	0	2	11	0	13	0	0	4
NOV	83	68	51	21	2.6	3.1	0	0	N	8	46	83	60	50	.36	350	6	2	0	0	1	12	0	1	1	0	5
DEC	78	62	46	7	3.8	3.0	#	#	N	9	51	84	65	46	.31	350	10	4	0	0	2	15	0	0	3	0	6
ANN	100	75	61	7	54.1	13.5	#	1	N	8	83	86	65	59	.50	350	100	33	#	0	66	144	29	155	12	0	5
EYR	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

REMARKS

Number Observed Within:	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	ANN A/B
(POR: 1900-1970) 60 NM	0/0	4/0	3/1	5/4	15/0	4/1	1/0	32/14
(A) Hurricanes/Tropical Storms 120 NM	0/0	9/0	5/2	9/6	23/12	6/1	1/0	53/21
(B) Hurricanes Only 240 NM	1/0	15/3	12/3	20/9	44/22	24/7	2/0	110/44

SMOS (Navy) POR: HRLY and DAILY OBS: JAN 49-DEC 67.

NOTE: #DATA NOT AVAILABLE. BLESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	33	32	30	26	15	10	7	7	13	13	22	27	20	19
	03-05	36	35	36	34	23	17	13	13	20	18	27	30	25	13
	06-08	36	40	34	33	26	24	18	16	25	22	27	35	27	19
	09-11	32	33	30	29	24	27	29	24	25	20	21	29	27	13
	12-14	29	29	26	21	19	19	22	22	23	18	18	27	23	14
	15-17	29	26	24	20	15	15	14	13	18	13	17	25	19	13
	18-20	28	27	26	20	13	11	9	9	14	10	15	24	17	19
	21-23	29	28	27	22	10	8	7	6	11	11	16	24	17	13
	ALL HOURS	32	32	29	26	18	16	15	14	19	16	20	30	22	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	25	22	25	21	9	3	2	1	6	8	17	20	13	19
	03-05	28	28	32	27	17	9	5	5	12	13	20	21	18	13
	06-08	29	30	29	26	18	13	7	7	17	16	19	24	20	19
	09-11	23	22	21	18	13	10	7	7	12	12	12	20	15	13
	12-14	20	18	16	13	8	5	4	4	8	8	8	17	11	19
	15-17	16	18	16	13	8	5	3	3	8	5	10	15	10	13
	18-20	18	19	19	15	7	3	3	2	7	5	9	16	10	19
	21-23	22	20	22	17	6	4	2	1	6	6	13	18	11	13
	ALL HOURS	23	22	22	19	11	6	4	4	9	9	13	19	13	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	20	16	21	16	5	2	1	#	3	5	12	15	10	19
	03-05	24	21	28	22	12	6	2	2	6	9	14	17	14	13
	06-08	23	24	24	20	11	6	3	3	10	10	15	20	14	19
	09-11	17	17	15	12	6	3	2	3	5	5	8	14	9	13
	12-14	14	13	10	9	3	2	1	2	4	3	5	11	6	19
	15-17	12	13	12	9	3	1	1	1	4	3	6	10	6	13
	18-20	14	14	14	11	4	1	1	1	4	3	7	11	7	19
	21-23	16	16	17	13	4	2	1	0	3	4	10	13	8	13
	ALL HOURS	18	17	18	14	6	3	1	2	5	5	9	14	9	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	7	6	10	4	#	#	0	0	#	#	5	5	3	19
	03-05	9	9	14	6	1	2	#	#	1	2	6	5	5	13
	06-08	8	10	9	4	1	1	#	#	1	1	5	5	4	19
	09-11	4	4	4	2	#	#	0	#	#	#	1	2	1	13
	12-14	2	2	2	1	#	#	#	#	#	#	#	#	1	19
	15-17	2	3	3	1	0	0	#	0	#	#	#	1	1	13
	18-20	4	4	4	1	0	#	#	#	#	#	1	1	1	19
	21-23	3	3	0	1	#	0	0	0	#	#	2	3	2	13
	ALL HOURS	5	5	7	3	#	#	#	#	1	2	3	2		

AWS CLIMATIC BRIEF

SAUFLEY FIELD NAS/PENSACOLA, FLORIDA — PERIOD: 1949-68 — WBAN # 03815 — WMO # —

Prepared by ETAC (AUG 1971) — N 30 28 W 87 20 — ELEVATION: 95 ft — STN LTRS: KNUN

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN				PRESSURE ALTITUDE (Feet)	MEAN NUMBER OF DAYS									MEAN CLDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (GUST) SPEED	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	99.95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	80	61	43	13	3.5	3.7	#	#	N	8	48	85	62	45	.30	400	10	3	0	0	2	16	0	#	5	0	6
FEB	80	64	46	13	5.0	3.4	#	#	N	8	50	85	59	47	.32	500	11	3	0	0	2	12	0	#	3	0	6
MAR	85	69	51	26	3.5	2.7	#	2	SSE	8	45	83	55	50	.36	450	9	2	#	#	2	16	0	1	1	0	6
APR	92	77	59	39	4.0	3.4	0	0	SSE	8	46	86	57	58	.49	450	6	2	0	0	4	19	#	10	0	0	5
MAY	103	84	66	46	3.1	2.2	0	0	S	7	42	88	56	65	.62	350	8	2	0	0	5	15	3	25	0	0	5
JUN	103	89	72	54	5.3	6.7	0	0	SSW	6	54	88	59	70	.74	300	11	3	0	0	11	11	12	29	0	0	5
JUL	107	90	74	61	5.9	4.3	0	0	SSW	5	45	89	62	73	.82	250	14	4	0	0	14	9	17	31	0	0	6
AUG	102	90	74	61	5.4	3.0	0	0	SSW	5	52	89	60	72	.79	300	12	4	0	0	14	13	19	31	0	0	5
SEP	98	87	70	42	7.1	8.4	0	0	NE	7	73	86	60	68	.69	350	9	3	0	0	4	13	9	27	0	0	5
OCT	93	80	59	34	3.8	6.3	0	0	NNE	7	47	84	52	58	.49	350	7	2	0	0	2	12	1	18	0	0	3
NOV	85	69	49	27	2.7	3.1	#	#	N	7	45	82	54	48	.34	400	7	2	0	0	1	14	0	2	1	0	4
DEC	80	63	44	11	4.9	2.3	#	#	N	8	48	83	59	45	.30	400	11	3	0	0	2	12	0	#	5	0	6
ANN	107	77	59	11	54.2	8.4	#	#	N	7	73	86	58	58	.49	400	115	33	#	#	63	162	61	174	15	0	5
EYR	18	18	18	18	16	13	17	14	20	20	16	20	20	20	20	20	16	16	17	17	13	13	18	18	18	18	20

REMARKS

Number Observed Within: POR: 1900-1970

	60 NM	120 NM	240 NM
May A/B	0/0	0/0	1/0
Jun A/B	4/0	9/0	15/3
Jul A/B	3/1	5/2	12/3
Aug A/B	5/4	9/6	20/9
Sep A/B	15/8	23/12	44/22
Oct A/B	4/1	6/1	24/7
Nov A/B	1/0	1/0	2/0
Ann A/B	32/14	53/21	119/44

(A) Hurricanes/Tropical Storms
(B) Hurricanes Only

SCOS (Navy) POR: Hrly Obs: Jan 49 - Dec 68, Daily Obs: Dec 50 - Dec 68

NOTE: *DATA NOT AVAILABLE, #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	32	29	28	23	14	6	4	4	10	8	16	27	17	12
	03 - 05	34	35	33	33	26	16	11	11	17	15	20	30	23	20
	06 - 08	41	40	36	34	30	21	15	12	24	20	27	37	28	20
	09 - 11	34	34	30	30	29	30	29	22	24	16	21	31	28	20
	12 - 14	32	29	23	25	23	24	25	21	24	16	19	29	25	20
	15 - 17	29	24	27	20	16	13	12	9	14	10	14	24	18	20
	18 - 20	27	25	26	18	10	7	6	5	10	8	13	23	15	20
	21 - 23	31	25	27	21	18	6	3	3	9	9	15	24	15	20
	ALL HOURS	32	30	29	25	20	16	14	12	17	13	18	28	21	
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	25	23	24	19	10	1	1	1	6	4	12	17	12	12
	03 - 05	26	28	27	29	20	11	6	7	11	11	15	22	18	20
	06 - 08	32	32	30	29	20	13	7	8	17	16	21	27	21	20
	09 - 11	26	24	21	16	9	7	4	4	10	8	11	22	14	20
	12 - 14	20	17	16	11	6	5	3	3	6	5	8	18	10	20
	15 - 17	18	16	18	11	4	3	2	2	4	5	7	16	9	20
	18 - 20	19	17	20	14	6	2	2	1	4	4	8	16	9	20
	21 - 23	25	19	22	18	4	2	1	1	5	5	11	17	11	20
	ALL HOURS	24	22	22	18	9	5	3	4	8	7	11	20	13	
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	20	18	21	14	7	1	1	1	4	3	9	14	9	
	03 - 05	21	22	23	24	13	7	3	3	6	8	11	18	13	
	06 - 08	26	26	25	20	11	7	3	4	10	10	15	21	15	
	09 - 11	20	17	15	8	3	2	1	2	4	4	7	16	8	20
	12 - 14	13	10	10	6	2	1	1	2	3	2	4	11	5	20
	15 - 17	12	10	11	7	1	1	1	1	2	3	5	11	5	20
	18 - 20	14	14	17	10	3	1	0	1	2	3	6	11	7	20
	21 - 23	19	16	18	14	2	#	#	#	3	4	9	13	8	20
	ALL HOURS	18	16	17	12	5	3	1	2	4	5	8	14	9	
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	9	6	6	3	1	#	#	0	#	1	3	4	3	12
	03 - 05	10	8	7	6	3	1	1	#	1	2	4	6	4	20
	06 - 08	8	8	6	4	2	1	#	#	1	1	4	5	3	20
	09 - 11	2	1	1	#	0	#	0	#	#	0	#	2	1	20
	12 - 14	1	#	#	#	#	0	0	#	0	0	#	#	#	20
	15 - 17	1	#	#	#	0	0	#	#	0	0	#	#	#	20
	18 - 20	4	2	2	#	0	0	0	#	#	0	1	1	1	20
	21 - 23	6	3	6	1	#	#	0	0	#	#	2	3	2	20
	ALL HOURS	4	3	3	2	1	#	#	#	#	1	2	2	2	

A W S	STATION NAME: TYNDALL AFB/PANAMA CITY FL	FIELD ELEV: 18 FT
	LATITUDE/LONGITUDE: 30 04 N 085 35 W	STATION MSC: 747750
CLIMATIC BRIEF	HOURLY OBS POR: NOV 81 - OCT 91	CALL SIGN: KPAM
	SUMMARY OF DAY POR: APR 42-JUL 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: MON YR
AUG 92	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	80	82	85	92	98	98	101	99	99	93	89	81	101	49
MEAN MAX TEMP (F)	62	64	69	76	82	87	88	89	86	80	71	64	77	49
MEAN TEMP (F)	54	56	62	68	75	80	82	82	79	71	62	56	69	49
MEAN MIN TEMP (F)	45	48	54	60	67	74	76	76	72	62	53	47	61	49
EXTRM MIN TEMP (F)	13	19	26	40	51	53	64	63	47	39	24	11	11	49
D/W TEMP GE 95 (F)	0	0	0	0	#	1	1	1	1	0	0	0	4	49
D/W TEMP GE 90 (F)	0	0	0	#	1	6	10	13	7	1	0	0	38	49
D/W TEMP LT 33 (F)	3	2	1	0	0	0	0	0	0	0	1	2	9	49
D/W TEMP LT 20 (F)	#	#	0	0	0	0	0	0	0	0	0	#	#	49
HEATING DEGREE DAYS	337	248	136	26	#	0	0	0	#	16	126	280	1169	49
COOLING DEGREE DAYS	11	14	48	137	323	473	542	549	445	220	62	20	2844	49
MEAN DEWPOINT TEMP (F)	42	46	51	56	65	72	74	74	69	59	53	45	59	10
MEAN WET BULB TEMP (F)	48	51	56	61	68	74	76	76	72	64	58	51	63	10
99.95% WCPA (FT)	350	400	500	350	250	200	100	150	200	250	300	300	350	10
MEAN REL HUM 07 LST(%)	76.0	78.6	80.4	79.1	85.7	87.0	89.4	88.2	85.2	81.3	78.8	76.5	82.2	10
MEAN REL HUM 13 LST(%)	59.8	60.4	60.2	58.5	63.5	69.0	72.5	69.4	62.6	56.2	58.3	59.4	62.5	10
MAX 24HR PRECIP (IN)	4.75	4.30	6.50	6.31	4.41	4.82	9.05	7.05	8.54	5.12	5.11	3.13	9.05	49
MAX PRECIP (IN)	18.50	8.79	18.13	10.69	9.05	15.28	21.43	16.29	20.60	14.41	10.37	11.74	89.63	49
MEAN PRECIP (IN)	4.11	3.90	5.29	3.95	2.86	5.00	8.21	6.98	5.68	3.06	3.19	3.82	55.77	49
MIN PRECIP (IN)	#	.75	.73	.00	#	.24	.81	.69	.40	.01	.46	.20	30.16	49
D/W PRECIP GE .01 (IN)	9	8	8	5	5	8	13	13	9	5	7	8	98	49
D/W PRECIP GT .50 (IN)	3	2	3	2	2	3	5	4	3	2	2	2	33	49
MAX 24HR SNFL (I ')	.8	1.0	#	0	0	0	0	0	0	0	#	1.0	1.0	45
MAX SNFL (IN)	.8	1.0	#	0	0	0	0	0	0	0	#	1.0	1.0	45
MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	0	#	#	.1	45
D/W SNFL GE .1 (IN)	#	#	0	0	0	0	0	0	0	0	0	#	#	45
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	45
MAX DLY SNO DEPTH (IN)	0	1	0	0	0	0	0	0	0	0	0	1	1	45
PRVLNG WND DIR (DEG)	35-01	35-01	$14-16	$23-25	$20-22	23-25	$23-25	$23-25	05-07	05-07	$05-07	35-01	$05-07	10
MEAN WND SPD (KTS)	6	6	6	6	5	5	4	4	4	5	6	6	5	10
MAX WND SPD (KTS)	47	52	51	55	52	60	56	68	69	43	68	46	69	44
SKY COVER GT 5/10 (%)	52.2	55.1	48.4	41.6	42.8	44.2	47.1	46.0	37.5	34.1	42.8	53.1	45.4	10
D/W THUNDERSTORMS	2	3	4	3	5	9	14	14	6	2	2	2	66	49
D/W FOG (VSBY LT 7 MI)	16	13	15	14	11	7	5	6	7	9	12	13	128	49

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	28.1	25.4	26.3	13.9	7.5	4.8	1.2	2.6	4.8	6.6	17.6	26.3	13.8	10
	03 - 05	32.6	31.6	30.5	19.3	13.0	4.9	2.3	4.2	6.8	11.7	22.8	29.0	17.4	10
CIG	06 - 08	32.4	33.8	29.2	20.3	16.3	8.9	4.6	7.7	11.6	16.3	21.4	30.4	19.4	10
LT 3000 FT	09 - 11	30.4	26.7	23.2	12.2	7.5	7.1	3.0	6.1	7.9	10.9	17.4	25.4	14.8	10
AND/OR	12 - 14	22.9	18.9	16.5	6.9	2.9	5.4	3.7	4.1	5.7	6.1	11.8	17.6	10.2	10
VSBY	15 - 17	20.9	17.6	14.6	7.4	2.2	4.4	3.2	4.7	4.3	2.9	10.0	17.5	9.1	10
LT 3 MI	18 - 20	20.0	19.6	16.2	8.7	2.8	3.2	1.7	2.4	3.7	3.8	10.7	19.6	9.4	10
	21 - 23	24.2	22.1	19.4	10.9	4.6	2.9	1.3	1.9	3.9	3.8	11.4	22.7	10.8	10
	ALL	26.4	24.5	22.0	12.5	7.1	5.2	2.6	4.2	6.1	7.8	15.4	23.6	13.1	10
	00 - 02	22.6	20.0	21.1	11.7	5.6	2.2	.3	1.8	2.7	5.1	12.3	18.4	10.3	10
	03 - 05	25.2	24.8	25.7	16.2	11.1	3.4	.8	3.4	4.9	9.2	18.4	21.8	13.7	10
CIG	06 - 08	25.2	26.5	23.1	15.9	13.2	4.8	2.3	6.2	9.9	13.1	16.1	24.6	15.1	10
LT 1500 FT	09 - 11	21.6	20.7	16.2	7.8	4.5	1.8	.9	4.0	5.9	6.9	11.9	19.8	10.2	10
AND/OR	12 - 14	16.2	9.9	10.1	3.3	1.4	2.2	1.0	2.6	2.3	2.0	5.4	11.7	5.7	10
VSBY	15 - 17	14.8	10.2	8.9	3.8	1.1	1.8	1.0	2.4	2.3	1.1	4.6	9.2	5.1	10
LT 3 MI	18 - 20	14.2	11.9	9.0	5.4	1.6	1.1	.4	1.1	2.6	1.5	5.8	12.6	5.6	10
	21 - 23	18.0	16.4	14.1	8.8	3.1	1.0	.5	1.1	2.1	1.6	7.3	16.3	7.5	10
	ALL	19.7	17.6	16.0	9.1	5.2	2.3	.9	2.8	4.1	5.1	10.2	16.8	9.1	10
	00 - 02	19.7	17.0	18.1	9.4	4.1	1.1	.2	.8	1.8	3.5	8.9	15.6	8.3	10
	03 - 05	23.0	21.9	22.7	12.9	9.0	2.3	.6	2.6	3.8	7.1	14.0	19.0	11.6	10
CIG	06 - 08	22.6	23.3	19.7	12.4	10.6	3.8	1.5	5.1	7.3	9.7	12.9	20.0	12.4	10
LT 1000 FT	09 - 11	16.9	16.8	11.5	5.0	2.7	1.1	.5	2.8	4.0	3.9	9.9	15.7	7.6	10
AND/OR	12 - 14	11.8	7.1	6.2	2.0	1.2	1.1	.6	1.0	1.4	.4	2.2	7.6	3.5	10
VSBY	15 - 17	10.1	7.6	7.2	1.9	.6	.9	.2	.9	1.6	.3	2.8	5.7	3.3	10
LT 2 MI	18 - 20	11.7	8.6	7.1	3.0	1.2	.3	.1	.5	1.9	.4	3.6	8.6	3.9	10
	21 - 23	14.5	13.4	11.2	6.3	1.2	.7	.5	.6	1.3	.4	5.0	12.6	5.6	10
	ALL	16.3	14.5	13.0	6.6	3.8	1.4	.6	1.8	2.9	3.2	7.4	13.1	7.0	10
	00 - 02	6.1	7.1	7.3	2.4	.6	.0	.0	.4	.3	1.0	4.7	7.1	3.1	10
	03 - 05	7.5	9.5	11.1	4.4	2.7	.7	.0	.4	.1	2.2	5.2	8.1	4.3	10
CIG	06 - 08	7.0	7.3	8.4	5.0	3.5	.8	.1	.3	.3	2.6	5.3	6.8	3.9	10
LT 200 FT	09 - 11	2.5	2.7	1.3	.2	.1	.1	.0	.0	.0	.1	1.2	3.7	1.0	10
AND/OR	12 - 14	.2	.4	.1	.0	.0	.0	.1	.1	.0	.0	.1	.3	.1	10
VSBY	15 - 17	.5	.7	.2	.0	.0	.1	.0	.0	.0	.0	.3	.2	.2	10
LT 1/2 MI	18 - 20	1.1	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.9	1.6	.5	10
	21 - 23	2.9	3.9	2.4	.9	.0	.0	.0	.0	.0	.0	1.6	3.9	1.3	10
	ALL	3.5	4.1	3.9	1.6	.9	.2	.0	.2	.1	.7	2.4	4.0	1.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/1	1/5	1/2	4/4	8/7	1/0	1/0	0/0	16/19
120NM	0/0	0/0	0/0	0/0	0/3	2/9	1/6	5/9	10/15	2/8	1/0	0/0	21/50
240NM	0/0	0/0	0/0	0/0	0/3	4/16	3/11	16/23	20/35	10/24	2/0	0/0	55/112

REMARKS : @

AWS CLIMATIC BRIEF

ALBANY NAS/(TURNER AFB)/ALBANY, GEORGIA — PERIOD: 1941-69B — WBAN # 13815 — WMO #

Prepared by ETAC (AUG 1971) — N 31 36 — W 84 05 — FIELD ELEVATION: 212 ft — STN LTRS: KABY[1]

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (ft) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	84	61	41	8	3.6	3.4	#	#	NW	6	47	84	58	41	.26	550	9	3	0	0	1	12	0	#	7	0	6
FEB	84	64	44	17	4.3	2.5	#	1	NW	7	48	82	56	42	.27	650	9	3	#	0	1	11	0	1	4	0	6
MAR	90	70	49	21	5.2	5.0	#	#	SSW	7	56	81	51	46	.31	600	10	3	0	0	3	11	#	6	1	0	6
APR	92	78	57	35	4.4	6.2	0	0	SSW	6	77	82	48	53	.40	600	7	3	0	0	3	6	1	15	0	0	5
MAY	100	86	64	42	3.9	3.5	0	0	SSW	5	54	85	49	61	.54	500	8	3	0	0	6	8	9	26	0	0	5
JUN	105	91	71	54	4.4	2.7	0	0	SW	5	53	88	52	68	.69	450	10	3	0	0	8	7	19	29	0	0	5
JUL	103	92	73	65	5.5	3.4	0	0	SSW	5	48	90	58	71	.76	350	13	4	0	0	11	7	21	31	0	0	6
AUG	102	92	73	62	3.8	2.3	0	0	ENE	4	63	90	55	70	.74	400	10	2	0	0	8	11	21	31	0	0	5
SEP	102	87	69	50	3.6	5.0	0	0	ENE	5	38	88	55	66	.64	500	8	2	0	0	3	12	12	26	0	0	5
OCT	98	79	57	33	1.8	4.0	0	0	NE	5	43	86	50	55	.44	500	5	1	0	0	1	11	1	16	0	0	4
NOV	89	69	47	17	2.3	2.6	#	#	NE	5	49	85	51	46	.31	500	6	2	0	0	1	12	0	3	2	0	5
DEC	79	61	41	7	4.0	2.9	#	#	NW	5	39	83	58	41	.26	500	9	3	0	0	1	12	0	0	7	0	5
ANN	105	77	57	7	46.8	6.2	#	1	ENE	5	77	85	53	55	.44	550	104	32	#	0	47	122	84	184	21	0	5
EYR	25	26	26	25	26	25	22	22	26	26	16	26	26	26	26	22	26	26	22	22	26	26	26	26	26	26	22

REMARKS

Number Observed Within:	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
(POR: 1900-1970) 60 NM	0/0	4/1	1/0	4/0	7/1	2/1	1/0	0/0	19/3
(A) Hurricanes/Tropical Storms 120 NM	0/0	9/2	3/0	7/0	17/7	7/2	1/0	0/0	44/11
(B) Hurricanes Only 240 NM	1/0	14/3	13/4	20/8	34/18	28/9	2/0	1/1	113/43

SNOS (NAVY) POR: HRLY and DAILY OBS: OCT 41-FEB 46, APR-JUN 46, FEB 48-SEP 69.

[1]OLD: KTRF

NOTE; *DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	24	23	20	10	7	5	6	5	13	11	13	22	13	25
	03-05	30	31	27	18	14	11	13	12	19	18	19	28	20	25
	06-08	37	37	33	25	22	20	22	21	29	26	28	35	28	26
	09-11	33	34	29	22	21	23	25	22	28	20	21	32	26	26
	12-14	26	27	22	15	14	16	19	17	22	16	15	25	20	26
	15-17	18	19	14	9	8	7	10	8	13	10	12	18	12	26
	18-20	16	16	12	8	6	6	8	4	10	9	10	16	10	25
	21-23	18	17	14	7	5	4	4	4	10	9	11	19	10	25
	ALL HOURS	25	25	22	14	12	12	14	12	18	15	16	24	17	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	16	16	14	6	4	3	4	3	9	8	10	16	9	25
	03-05	22	23	22	12	10	8	10	10	15	13	15	22	15	25
	06-08	30	28	27	20	17	17	18	19	26	21	24	28	23	26
	09-11	24	25	20	11	8	9	11	11	16	13	16	24	16	26
	12-14	14	15	12	4	2	3	2	2	6	5	8	15	7	26
	15-17	9	1	8	3	2	2	2	1	5	4	5	11	5	26
	18-20	8	10	8	3	2	2	3	1	5	5	5	10	5	25
	21-23	11	12	9	3	2	2	2	2	6	5	6	12	6	25
	ALL HOURS	17	17	15	9	6	6	6	6	11	9	11	17	11	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	12	12	10	3	2	2	3	3	6	5	8	12	7	25
	03-05	17	18	17	8	7	5	8	8	12	10	12	17	12	25
	06-08	23	21	20	13	11	12	14	15	19	17	19	22	17	26
	09-11	17	17	14	5	3	4	5	5	9	8	12	19	10	26
	12-14	8	10	6	2	1	1	1	1	3	3	5	11	4	26
	15-17	6	7	5	1	1	1	1	1	3	2	3	8	3	26
	18-20	6	7	5	2	1	1	2	1	4	3	3	8	4	25
	21-23	8	8	6	1	1	1	1	2	4	4	4	9	4	25
	ALL HOURS	12	12	10	5	3	3	4	4	7	7	8	13	7	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	2	1	1	#	#	0	#	0	1	#	1	4	1	25
	03-05	5	3	2	1	#	#	1	1	1	2	4	6	2	25
	06-08	6	5	4	2	1	1	1	1	1	2	6	6	3	26
	09-11	2	1	1	0	0	0	0	0	#	#	1	2	1	26
	12-14	#	0	#	0	#	#	0	#	0	0	#	#	#	26
	15-17	#	0	0	0	#	#	#	0	#	0	0	#	#	26
	18-20	#	#	0	0	#	#	0	#	0	0	#	1	#	25
	21-23	1	1	#	0	0	0	#	0	0	0	#	2	#	25
	ALL HOURS	2	1	1	#	#	#	#	#	#	1	2	3	1	

PREPARED BY: USAFETAC
MAY 1980

STATION NAME: CORBINS AFB GA
LOCATION: N35 55 W084 31

PERIOD: SEP 46-NOV 83 B
ELEV: 1068 FT

STN LTRS:
WBAN NO: 722270

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY TMP.	EXTREMES MAX	EXTREMES MIN	PRECIPITATION (in) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HR	SNOWFALL (in) MONTHLY MEAN	SNOWFALL (in) MONTHLY MAX	SNOWFALL (in) MAX 24 HR	MEAN RELATIVE HUMIDITY (%) LST	MEAN VAPOR PRESS LST (mb)	MEAN DEW PT (°F)	PREVAILING VISIBILITY (MI) 00 95%	SURFACE WINDS PVLG DIRCTN 410 PT	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 50	CLOUD COVER (Sunrise-Sunset)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER STORMS	FOG	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 32	MIN ≤ 25
JAN	51	33	42	78	-6	5.11	12.4	.0	4.7	1	5	4	75	60	.26	29	1500	WNW	6	52	6	11	6	1	1	15	0	0	16	7
FEB	54	35	45	79	2	4.6	11.2	.0	4.4	1	5	4	74	55	.17	31	1500	WNW	6	64	6	10	3	1	1	12	0	0	12	
MAR	62	41	52	85	10	6.1	13.8	.0	6.2	1	13	4	74	57	.24	39	1557	WNW	6	52	7	12	4	1	1	13	0	0	1	
APR	72	50	61	88	28	4.7	12.6	1.3	3.9	0	0	0	74	68	.30	45	1450	W	6	52	5	9	3	0	0	4	11	0	0	0	0
MAY	79	58	69	94	38	4.4	8.9	.2	4.3	0	0	0	81	54	.47	57	1350	W	4	63	6	9	3	0	0	6	14	0	1	0	0
JUNE	85	66	76	130	45	3.7	10.4	.8	3.2	0	0	0	82	54	.58	63	1300	W	4	78	6	10	3	0	0	8	14	1	7	0	0
JUL	88	70	79	132	56	4.9	11.9	.1	4.0	0	0	0	84	56	.69	68	1200	W	4	69	6	12	3	0	0	11	26	2	12	0	0
AUG	87	69	78	134	55	3.7	9.2	.5	3.0	0	0	0	84	58	.67	67	1200	E	3	69	6	9	3	0	0	8	18	2	10	0	0
SEP	81	63	72	99	33	3.6	9.7	.8	3.5	0	0	0	84	60	.54	61	1300	E	4	48	6	8	2	0	0	3	17	P	3	0	0
OCT	72	51	61	95	23	2.9	8.4	.0	4.5	0	0	0	82	54	.35	49	1350	E	4	66	5	6	2	0	0	1	14	P	P	P	P
NOV	61	41	51	83	9	3.8	15.3	.0	4.9	0	1	1	79	56	.26	41	1350	WNW	5	47	5	8	3	0	0	1	14	0	0	6	1
DEC	53	35	44	76	-1	5.0	12.3	.0	3.0	1	5	4	79	57	.19	33	1450	WNW	6	49	6	10	3	1	0	11	19	0	0	14	4
ANN	70	51	61	104	-6	52.6	15.3	.0	6.9	3	13	6	79	55	.35	49	1400	WNW	5	78	6	114	36	1	2	108	173	36	33	55	17
RYR	37	37	37	37	37	37	37	37	37	32	32	32	9	10	10	10	13	10	10	10	10	37	37	32	32	321	32	37	37	37	

REMARKS: PLUS/MD FOR:

			NUMBER OBSERVED WITHIN:	A/B	MAY	JUN	JUL	AUG	SEP	OCT	ANN
HOURLY OBS:	DEC 73 - NOV 83	(1871-1982)		60NM	0/0	0/0	2/0	0/2	1/1	0/0	3/3
DAILY OBS:	SEP 46 - JUL 47,	(A)	Hurricanes	120NM	0/0	1/2	2/0	1/5	3/3	0/1	7/11
	JAN 48 - NOV 83	(B)	Tropical Storms	240NM	0/2	3/11	2/7	8/18	9/16	3/8	25/62

NOTE: *DATA NOT AVAILABLE — # MNTS < MNTS SHOWN IN HEADING — ** INSTANTANEOUS PEAK WINDS — & % CALM BASED ON PVLG DIRCTN — ‡ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	RYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	15	17	6	10	17	18	10	15	10	16	26	16	7
	03-05	30	21	24	13	21	22	28	20	26	16	24	28	23	9
	06-08	39	31	30	22	28	23	30	35	35	26	30	33	30	10
	09-11	40	33	30	21	23	19	25	24	30	23	30	33	28	10
	12-14	35	29	27	16	15	9	14	12	20	17	26	29	21	10
	15-17	31	22	19	17	11	9	8	9	14	13	20	24	15	10
	18-20	30	21	16	10	8	5	6	9	12	10	19	22	14	10
	21-23	31	22	16	9	9	6	8	9	12	12	20	24	15	10
	ALL HRS	33	24	22	14	16	13	17	16	21	16	23	27	20	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	22	11	13	3	10	15	14	8	14	7	15	20	12	3
	03-05	25	16	17	8	17	19	24	17	23	14	20	21	18	9
	06-08	32	23	21	16	24	22	28	32	31	21	24	25	25	10
	09-11	30	23	22	12	17	12	16	15	22	18	23	26	20	10
	12-14	25	18	15	8	7	5	8	5	11	10	17	21	12	10
	15-17	22	15	10	5	3	2	5	2	6	8	13	16	9	10
	18-20	22	14	11	5	5	3	4	2	8	7	12	15	9	10
	21-23	25	16	12	6	5	5	5	3	9	8	14	16	11	10
	ALL HRS	25	17	15	8	11	10	13	10	16	12	18	20	15	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	9	10	3	10	11	8	7	12	6	12	16	10	3
	03-05	22	13	13	6	15	14	16	11	19	10	17	16	14	9
	06-08	26	16	17	12	16	15	20	21	23	16	21	18	19	10
	09-11	23	18	16	7	9	5	9	9	14	14	18	20	14	10
	12-14	19	13	10	4	3	1	3	1	7	7	12	15	8	10
	15-17	17	10	8	4	2	1	2	2	5	6	11	14	7	10
	18-20	18	11	7	3	3	1	2	1	5	6	11	12	7	10
	21-23	20	12	9	4	3	2	2	2	6	6	12	12	8	10
	ALL HRS	20	13	11	5	8	6	8	7	11	9	14	15	11	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	5	2	1	1	0	0	0	0	2	1	3	1	1	3
	03-05	5	2	2	1	1	1	1	1	2	1	3	1	2	9
	06-08	5	3	3	1	1	1	1	1	3	2	3	3	2	10
	09-11	4	2	1	0	0	0	0	0	0	1	2	2	1	10
	12-14	2	1	1	0	0	0	0	0	0	0	1	1	0	10
	15-17	2	1	0	0	0	0	0	0	0	0	1	1	0	10
	18-20	3	1	0	0	0	0	0	0	0	0	1	3	1	10
	21-23	5	1	0	0	0	0	0	0	0	1	2	2	1	10
	ALL HRS	4	2	1	0	0	0	0	0	1	1	2	2	1	

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DOBBINS AFB, GA | STATION #: 722270 | ICAO: MGE
LOCATION: 3355N 8431W | ELEVATION (FEET): 1070 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	78	79	86	91	92	98	102	104	96	87	81	75	104
MEAN DAILY MAX	1	50	56	65	71	79	85	88	87	80	71	63	53	71
MEAN	1	41	46	55	62	70	77	80	79	73	62	54	45	62
MEAN DAILY MIN	1	33	36	44	50	59	67	71	70	64	52	45	36	52
EXTREME MIN	1	-2	11	12	27	40	51	60	60	46	30	16	8	-2
# DAYS GE 90	1	0	0	0	#	#	7	14	9	2	0	0	0	33
# DAYS LE 32	1	14	10	3	#	0	0	0	0	0	#	3	10	41
# DAYS LE 0	1	#	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	12.4	11.2	13.8	12.6	8.9	10.4	11.9	9.2	8.7	8.4	15.3	12.3	*
MEAN	2	5.0	4.8	6.1	4.7	4.4	3.7	4.9	3.7	3.6	2.9	3.8	5.0	52.6
MINIMUM	2	0.0	0.0	#	1.3	0.2	0.8	0.1	0.5	#	0.0	0.0	0.0	*
MAX 24 HR	2	4.7	4.4	4.2	3.9	4.3	3.2	4.0	3.0	3.5	4.5	4.9	3.0	4.9
# DAYS W/PRECIP	1	14	12	13	10	13	12	14	13	11	8	11	12	143
# DAYS GE 0.5	2	4	3	4	3	3	3	3	3	2	2	3	3	36
3. SNOWFALL (INCHES)														
MEAN	2	#	1	1	0	0	0	0	0	0	0	#	1	3
MAXIMUM	2	5	5	13	0	0	0	0	0	0	0	1	5	*
MAX 24 HR	2	4	4	6	0	0	0	0	0	0	0	1	4	6
# DAYS W/SNOW	1	3	2	1	0	0	0	0	0	0	0	0	1	7
# DAYS GE 1.5	2	#	#	#	0	0	0	0	0	0	0	0	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	74	74	74	75	81	82	83	85	85	82	79	75	79
RH (16 LST)	1	52	48	47	42	49	49	52	54	55	49	52	52	50
VAPOR PRESS	1	.19	.21	.27	.32	.47	.60	.69	.68	.58	.39	.30	.22	.41
DEWPOINT	1	29	32	39	45	56	63	67	67	62	50	42	33	49
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	$WNW	$NW	$E	$WNW	$W	$W	$WNW	$E	$E	$E	$E	$WNW	$WNW
MEAN SPEED (PVLG DRCTN)	1	8	10	7	7	5	4	5	5	6	6	6	7	6
MEAN SPEED (ALL OBS)	1	6	6	6	5	4	4	4	3	4	4	5	5	5
MAX PEAK GUST	2	52	64	52	52	63	78	69	69	48	46	47	49	78
PRESSURE ALT	2	1500	1500	1550	1450	1350	1300	1200	1200	1300	1350	1350	1450	1550
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	5	5	5	4	5	4	4	5	5
DAYS TSTMS	1	1	2	4	4	7	9	11	10	4	1	1	1	56
DAYS FOG LT 7	1	14	12	14	11	15	16	18	21	20	15	16	13	184
DAYS BNBD LT 7	1	0	0	0	#	0	#	0	0	0	0	0	0	0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(DOBBINS AFB, GA)
REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAY 84, PERIOD OF RECORD RANGING FROM 11-37 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	23	19	7	14	18	23	12	20	13	21	33	19
03-05 LST	33	28	28	17	21	23	29	25	30	22	28	35	27
06-08 LST	39	35	34	24	28	27	36	44	41	31	37	37	34
09-11 LST	38	36	33	22	24	21	29	30	33	27	35	35	30
12-14 LST	34	32	30	19	20	16	22	18	27	20	30	30	25
15-17 LST	30	26	23	14	12	9	14	8	17	15	23	24	18
18-20 LST	28	24	19	10	8	7	11	8	13	13	21	23	16
21-23 LST	28	26	20	9	10	9	12	9	15	13	22	26	17
ALL HOURS	32	29	26	15	17	16	22	19	24	19	27	30	23

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	16	17	3	11	15	20	11	14	10	17	26	15
03-05 LST	25	21	21	11	17	20	26	23	25	17	23	27	21
06-08 LST	30	26	27	18	24	25	34	41	37	27	30	29	29
09-11 LST	29	26	25	13	17	14	22	21	26	22	27	28	23
12-14 LST	25	21	18	9	8	4	9	5	13	12	21	21	14
15-17 LST	21	16	14	6	4	4	8	4	10	10	15	16	11
18-20 LST	21	15	14	6	5	5	7	5	9	9	13	16	10
21-23 LST	22	16	15	6	6	5	8	6	10	9	15	18	11
ALL HOURS	24	20	19	9	11	12	17	15	18	15	20	23	17

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	12	13	3	10	13	10	5	10	8	13	20	11
03-05 LST	21	18	17	8	14	15	18	13	19	13	18	21	16
06-08 LST	24	22	21	12	17	17	23	25	26	19	24	22	21
09-11 LST	23	21	20	8	9	7	12	10	17	15	20	22	15
12-14 LST	19	15	12	5	4	2	3	2	8	9	14	17	9
15-17 LST	16	12	10	4	3	1	3	2	6	7	11	14	7
18-20 LST	17	12	11	4	3	2	3	2	6	7	10	14	8
21-23 LST	19	13	11	4	4	3	3	3	7	8	12	15	9
ALL HOURS	20	15	14	6	8	7	9	8	12	11	15	18	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	3	4	1	1	#	1	1	1	2	4	6	2
03-05 LST	7	4	5	1	2	2	3	2	3	3	5	6	4
06-08 LST	8	5	5	1	2	2	2	3	4	4	7	7	4
09-11 LST	6	4	3	#	0	#	#	#	#	2	3	5	2
12-14 LST	3	2	1	#	#	0	0	#	#	1	1	3	1
15-17 LST	3	1	1	#	0	0	#	#	#	1	1	2	1
18-20 LST	5	2	1	#	#	#	#	#	#	1	2	3	1
21-23 LST	5	2	2	#	#	#	0	#	1	2	3	4	2
ALL HOURS	5	3	3	1	1	1	1	1	1	2	3	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DOBBINS AFB, GA | STATION #: 722270 | ICAO: MGE
LOCATION: 3355N 8431W | ELEVATION (FEET): 1070 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	2	2	0	1	1	1	2	#	0	0	0	1
03-05 LST	#	1	2	1	2	1	#	1	#	0	#	0	1
06-08 LST	#	1	1	1	1	1	1	#	#	#	#	#	1
09-11 LST	#	#	1	1	1	1	1	1	#	#	1	#	1
12-14 LST	#	1	1	2	2	3	3	3	1	#	#	#	1
15-17 LST	#	1	1	2	5	7	9	8	3	1	#	#	3
18-20 LST	1	1	2	2	5	6	8	9	3	#	1	#	3
21-23 LST	1	1	2	2	3	3	5	5	2	#	1	#	2
ALL HOURS	13	1	2	1	2	3	4	4	1	#	#	#	3

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	12	10	5	7	7	2	5	10	8	7	15	8
03-05 LST	13	12	14	7	6	5	4	2	9	9	10	13	9
06-08 LST	14	13	14	9	6	5	6	3	8	8	11	13	9
09-11 LST	15	12	13	7	7	5	5	3	8	8	11	14	9
12-14 LST	14	13	11	7	8	5	5	4	8	7	11	13	9
15-17 LST	13	13	11	7	8	7	9	7	8	7	10	11	9
18-20 LST	15	13	12	7	6	6	9	7	9	7	9	10	9
21-23 LST	15	13	11	7	6	5	6	7	8	7	10	12	9
ALL HOURS	14	13	12	7	7	6	6	5	9	8	10	13	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	#	#	#
03-05 LST	2	1	#	0	0	0	0	0	0	0	#	1	#
06-08 LST	2	2	#	#	0	0	0	0	0	0	#	1	#
09-11 LST	3	3	1	#	0	0	0	0	0	0	#	1	1
12-14 LST	2	1	#	#	0	0	#	0	0	0	0	1	#
15-17 LST	2	2	#	#	0	0	0	0	0	0	0	#	#
18-20 LST	1	1	#	#	0	0	0	0	0	0	#	1	#
21-23 LST	2	2	#	#	0	0	0	0	0	0	0	#	#
ALL HOURS	2	2	#	#	0	0	#	0	0	0	#	1	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	1	0	0	0	0	0	#	#	1	1
03-05 LST	1	2	#	1	#	0	0	0	0	#	1	2	1
06-08 LST	2	1	1	1	#	0	0	0	0	#	#	#	#
09-11 LST	3	2	2	1	#	#	0	0	#	#	1	2	1
12-14 LST	4	2	3	3	1	#	0	#	#	#	1	2	1
15-17 LST	4	2	3	3	#	#	1	#	#	#	1	1	1
18-20 LST	2	2	1	1	#	#	#	#	#	#	#	#	1
21-23 LST	2	2	1	0	#	#	#	#	0	#	#	1	1
ALL HOURS	2	2	2	1	#	#	#	#	#	#	1	1	1

(DOBBINS AFB, GA)
REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAY 84, PERIOD OF RECORD RANGING FROM 11-37 YRS.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	11	13	3	10	12	9	5	9	8	12	18	11
03-05 LST	20	15	16	7	13	13	17	12	17	12	16	19	15
06-08 LST	22	19	19	9	15	15	21	23	24	17	22	19	19
09-11 LST	21	19	16	6	8	5	8	7	14	13	18	20	13
12-14 LST	17	13	10	4	3	1	3	1	6	7	12	14	8
15-17 LST	14	10	8	4	2	1	2	2	5	6	10	12	6
18-20 LST	16	10	9	3	3	2	2	1	5	6	9	12	7
21-23 LST	16	11	10	3	3	3	2	2	6	7	10	13	7
ALL HOURS	18	14	13	5	7	6	8	7	11	10	14	16	11

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	7	10	2	6	5	6	3	5	6	9	11	7
03-05 LST	15	10	12	5	9	8	12	6	11	9	11	13	10
06-08 LST	16	13	12	6	9	8	12	13	14	12	15	14	12
09-11 LST	16	13	10	3	3	2	3	2	6	8	11	15	8
12-14 LST	12	7	6	2	1	#	1	#	3	3	7	10	4
15-17 LST	12	7	4	2	#	#	1	1	3	3	6	9	4
18-20 LST	12	7	6	2	1	1	1	1	3	5	6	10	4
21-23 LST	14	8	7	2	2	1	1	1	3	6	8	10	5
ALL HOURS	14	9	8	3	4	3	4	3	6	6	9	12	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	4	6	1	1	1	2	1	2	4	6	8	4
03-05 LST	10	7	7	2	4	5	5	3	5	6	6	9	5
06-08 LST	11	9	8	3	4	4	5	6	6	7	10	10	7
09-11 LST	10	6	4	1	1	#	#	1	2	3	6	9	4
12-14 LST	6	4	2	1	#	#	#	#	1	1	3	5	2
15-17 LST	6	3	2	1	0	#	#	#	1	2	3	4	2
18-20 LST	7	4	3	1	#	#	#	#	1	2	4	5	2
21-23 LST	8	4	4	1	1	#	#	#	1	3	4	6	3
ALL HOURS	9	5	5	1	1	1	2	1	2	3	5	7	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	#	1	#	0	0	1	1	2	4	1
03-05 LST	4	2	3	1	1	1	1	1	2	2	3	4	2
06-08 LST	4	3	3	1	1	1	#	1	2	2	4	4	2
09-11 LST	3	2	1	#	0	0	0	0	#	1	2	2	1
12-14 LST	1	1	1	#	#	0	0	0	0	#	#	1	#
15-17 LST	1	#	1	#	0	0	#	0	#	#	#	1	#
18-20 LST	2	1	1	#	0	#	#	#	#	#	1	2	1
21-23 LST	3	1	1	#	#	0	0	0	#	1	1	2	1
MLL HOURS	2	1	1	#	#	#	#	#	1	1	2	2	1

A W S CLIMATIC BRIEF September 1987	Station Name: FORT BENNING/LAWSON AAF GA Latitude/Longitude: N32 20 W085 00 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: May 39 to Apr 87 LST = GMT -5	Field Elev: 232 ft Station MSC: 722250 Call Sign: KLSF Supersedes: Sep 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	84	83	90	93	99	105	107	104	101	98	87@	84	107	48
MEAN MAX TEMP °F	58	62	# 69	78	84	90	91	91	87	78	68	60	76	48
MEAN TEMP °F	47	50	57	65	72	79	81	81	76	66	56	49	65	48
MEAN MIN TEMP °F	36	38	45	52	60	68	71	71	66	54	43	38	53	48
XTRM MIN TEMP °F	0	8	16	29	37	47	55	58	38	26	12	5	0	48
D/W TEMP ≥ 95°F	0	0	0	0	1	6	7	6	2	#	0	0	22	48
D/W TEMP ≥ 90°F	0	0	#	#	7	17	20	20	11	1	0	0	76	48
D/W TEMP ≤ 32°F	14	9	4	#	0	0	0	0	0	#	5	12	44	48
D/W TEMP ≤ 30°F	10	6	1	#	0	0	0	0	0	#	3	8	28	48
VAPOR PRESS "Hg	.18	.21	.28	.36	.52	.67	.76	.74	.62	.42	.32	.22	.40	10
MEAN DEWPOINT °F	32	36	43	50	60	67	71	70	65	54	47	37	53	10
99.95% WCPA Ft	650	700	800	650	550	450	400	400	450	500	550	600	600	11
MEAN RH 07 LST %	76	78	80	84	85	81	85	87	86	82	81	77	82	10
MEAN RH 13 LST %	53	52	47	47	51	50	56	58	55	50	54	53	52	10
MAX 24HR PRECIP "	3.3	7.1	5.0	5.5	3.8	3.4	3.4	4.5	3.1	4.4	3.8	4.0	7.1	48
MAX PRECIP "	9.1	9.6	16.8	12.3	9.9	9.4	15.8	12.3	10.2	7.3	13.2	11.1	16.8	48
MEAN PRECIP "	4.1	4.5	5.6	4.3	3.7	3.7	5.6	4.1	3.4	1.8	3.1	4.9	48.8	48
MIN PRECIP "	.9	.9	.8	.3	.1	.8	1.0	.5	.1	#	.1	.6	#	48
D/W PRECIP ≥ .01"	10	9	10	7	8	10	13	10	8	5	7	10	107	48
D/W PRECIP ≥ .5"	3	3	3	3	2	3	3	3	2	1	2	3	31	48
MAX 24HR SNFL "	2	9	1	#	0	0	0	0	0	0	#	#	9	48
MAX SNFL "	2	11	1	#	0	0	0	0	0	0	#	#	11	40
MEAN SNFL "	#	#	#	#	0	0	0	0	0	0	#	#	#	40
D/W SNFL ≥ .1"	#	#	#	0	0	0	0	0	0	0	0	0	#	40
D/W SNFL ≥ 1:5"	#	#	0	0	0	0	0	0	0	0	0	0	#	40
MEAN WND DRCTN	$W	$WNW	$NW	$W	$SE	$W	$W	$E	$E	$N	$N	$WNW	$W	10
MEAN WND SPD Kts	4	4	4	3	2	2	2	2	2	2	3	3	3	10
MAX WND SPD** Kts	42	48	61	48	70	64	70	55	52	41	@44	47	70	38
MEAN CLD CVR 10th	6	6	6	5	6	6	6	6	5	5	6	6	6	10
D/W TSTORMS	1	2	4	5	7	9	14	10	4	1	1	2	60	40
D/W FOG VSBY <7mi	16	14	16	15	17	16	18	20	18	20	18	16	204	40

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available $ = Percentage of calm winds ≥ mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	MAY	JUN	JUL	AUG	SEP	OCT	ANNUAL
Within 60NM	0/0	0/0	0/0	0/3	0/2	0/0	0/5
Within 120NM	0/0	0/6	0/1	0/7	0/11	0/4	0/29
Within 240NM	0/3	3/14	1/8	10/22	12/29	3/16	29/92

A W S CLIMATIC BRIEF September 1987	Station Name: FORT BENNING/LAWSON AAF GA Latitude/Longitude: N32 20 W085 00 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: May 39 to Apr 87 LST = GMT -5	Field Elev: 232 ft Station MSC: 722250 Call Sign: KLSF Supersedes: Sep 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	28	26	18	11	9	6	9	12	10	15	21	24	16	
	03-05	30	29	22	17	20	15	18	23	22	28	32	31	24	
CIG/VSBY	06-08	34	34	34	25	28	25	29	42	39	40	44	37	34	
	09-11	29	30	26	17	15	15	21	24	25	26	32	33	24	
LESS THAN	12-14	25	26	19	11	8	6	9	11	14	17	22	23	16	
	15-17	22	20	14	6	5	2	6	4	7	11	15	19	11	
3000/3	18-20	21	20	12	6	3	2	6	5	6	9	15	17	10	
	21-23	23	22	12	8	5	3	6	5	7	9	17	20	11	
	00-24	27	26	20	13	12	9	13	16	16	19	25	26	19	10
	00-02	19	17	11	6	5		7	9	7	11	13	17	11	
	03-05	23	22	15	12	15	~	17	21	19	24	24	23	19	
CIG/VSBY	06-08	27	24	26	21	23	21	27	37	34	34	33	29	28	
	09-11	22	20	14	10	8	7	13	15	15	17	21	23	15	
LESS THAN	12-14	15	16	8	3	2	2	3	3	5	6	10	12	7	
	15-17	13	12	7	2	2	1	3	2	3	4	6	8	5	
1500/3	18-20	12	12	6	2	2	1	3	3	4	4	6	9	5	
	21-23	14	14	7	4	2	2	4	4	3	6	8	11	7	
	00-24	18	17	12	8	7	6	10	12	11	13	15	17	12	10
	00-02	16	13	7	4	3	3	4	5	6	8	8	13	8	
	03-05	19	15	10	8	8	8	10	15	13	18	17	17	13	
CIG/VSBY	06-08	20	16	16	12	13	12	17	24	24	25	23	23	1[illegible]	
	09-11	18	13	8	4	3	3	5	7	7	9	13	15		
LESS THAN	12-14	11	9	3	1	1	1	1	1	2	3	5	7		
	15-17	10	8	3	1	1	#	1	1	1	2	3	5	3	
1000/2	18-20	9	8	4	1	1	#	1	1	1	2	3	5	3	
	21-23	11	10	5	2	1	1	2	2	2	4	5	7	4	
	00-24	14	12	7	4	4	4	5	7	7	9	10	12	8	10
	00-02	1	1	#	#	#	#	0	#	#	2	1	2	1	
	03-05	3	2	1	1	2	1	1	3	2	4	4	4	2	
CIG/VSBY	06-08	4	3	3	2	2	1	1	3	2	5	5	6	3	
	09-11	2	1	1	#	#	#	0	0	#	#	1	1	1	
LESS THAN	12-14	0	#	0	0	0	#	0	0	0	0	0	0	#	
	15-17	0	#	0	0	0	0	#	#	0	0	0	0	#	
200/½	18-20	1	0	0	0	0	0	0	0	0	0	0	#	#	
	21-23	1	1	0	0	#	0	#	0	0	#	0	1	#	
	00-24	2	1	1	#	1	#	#	1	1	1	1	2	1	10

CD DATED AUGUST 1979 OBSOLETE

PREPARED NOVEMBER 1986 | STATION NAME: FT STEWART WRIGHT/AAF GA | ELEVATION: 46 FT | STATION ID: KLHW
OL-A/USAFETAC/AWS/TMAC | LOCATION: N 31 [illegible] W 81 [illegible] | GMT TO LST: - 5 | WSC # 722090

A W S
CLIMATIC BRIEF
FOR LIMITED
DUTY STATIONS

CAUTION: MEANS AND EXTREMES BELOW ARE
ONLY FOR THE HOURS 0630 - 2230 LST
PERIOD OF RECORD: FEB 67 - MAY 86

MONTH	TEMPERATURES DAILY MEAN HIGH (F)	AVG (F)	LOW (F)	RELATIVE HUMIDITY % LST 07	13	VAPOR PRESS (INS) MB	DEW PT (F)	PRESS ALT FEET	SURFACE WINDS PVLG OCTN (80PT)	AVG KTS	HIGH KTS	NO CEILING (%)
JAN	59	50	39	73	52	.23	34	450	9*	5	*	52
FEB	63	52	41	76	49	.24	34	55[illegible]	9*	6	*	54
MAR	71	60	48	74	46	.32	47	46[illegible]	9*	6	*	54
APR	78	66	54	80	46	.39	52	39[illegible]	9*	5	*	60
MAY	83	72	61	83	51	.56	61	40[illegible]	9*	4	*	56
JUN	88	79	[illegible]	86	56	.71	67	25[illegible]	9*	*	*	56
JUL	90	81	71	87	59	.79	71	20[illegible]	9*	4	*	50
AUG	89	81	72	89	61	.79	72	20[illegible]	9E	4	*	53
SEP	85	77	67	88	62	.67	67	30[illegible]	ANE	5	*	51
OCT	78	68	58	84	54	.49	56	35[illegible]	ANE	4	*	56
NOV	69	59	47	81	54	.36	52	40[illegible]	9W	4	*	55
DEC	60	53	43	79	54	.27	42	40[illegible]	9W	4	*	51
ANN	76	66	56	82	54	.46	55	40[illegible]	9*	5	*	54
YRS	19	19	19	10	10	19	19	[illegible]	10	10	*	10

THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION; THEREFORE, A CLIMATOLOGIST COMPILED THESE DATA WITH DATA FROM OTHER SOURCES.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
TEMPERATURES														
EXT MAX (F)	82	85	90	93	97	105	104	102	97	92	86	83	105	19
MEAN (F)	49	55	63	70	76	81	83	82	78	70	63	56	69	19
EXT MIN (F)	7	19	25	36	41	51	59	63	41	35	28	21	7	19
PRECIPITATION														
MAX 24-HOUR	2.6	4.1	4.2	7.6	7.8	7.9	9.2	6.6	6.8	4.5	3.1	2.1	7.9	19
MAX MON (INS)	7.0	7.6	9.7	7.1	14.	11.	11.	15.	14.	6.6	7.0	6.1	15.	19
MEAN (INS)	3.3	3.0	3.8	2.5	7.0	6.5	7.6	7.0	5.4	2.4	2.2	3.7	52.	19
MIN MON (INS)	1.2	1.0	1.0	.9	.5	1.9	1.4	1.4	.4	.3	.4	.1	.1	19
SNOWFALL														
MAX 24-HOUR	0	4	1	0	0	0	0	0	0	0	0	0	4	19
MAX MON (INS)	0	4	1	0	0	0	0	0	0	0	0	0	4	19
MEAN (INS)	0	1	0	0	0	0	0	0	0	0	0	0	1	19
MIN MON (INS)	0	0	0	0	0	0	0	0	0	0	0	0	0	19
PEAK WIND KTS	48	48	45	37	53	44	50	40	48	36	42	48	53	19
DAYS WITH														
THUNDERSTORMS	1	2	3	3	7	9	14	12	5	1	1	1	59	19
FOG	16	13	16	16	21	21	23	27	25	20	16	15	249	19
MEAS. PRECIP.	10	9	10	7	11	12	15	15	11	7	8	9	126	19

REMARKS: HURRICANE/TROPICAL STORM INFORMATION FOR YEARS 1903 - 1985

	A/B	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
A = HURRICANES														
B = TROPICAL STORMS	60NM	0/0	0/0	0/0	0/0	0/2	0/4	0/1	3/4	0/4	1/3	0/0	0/0	4/18
(@ OBSERVED	120NM	0/0	0/0	0/0	0/0	0/3	1/5	1/5	4/11	2/10	4/11	1/0	0/0	13/45
WITHIN)	240NM	0/0	0/[illegible]	0/0	0/0	1/3	3/[illegible]	5/9	12/24	11/25	7/19	1/1	0/0	40/95

SYMBOLS: * DATA NOT AVAILABLE % PERCENT CALM) PREVAILING DIRECTION # AMOUNTS & UNITS SHOWN IN HEADING & SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS
CEILING LESS	06 - 08	28	28	26	21	28	26	25	30	37	38	38	34	32	19
THAN 1000 FT	09 - 11	29	25	24	17	15	14	13	15	21	21	26	29	21	19
AND/OR	12 - 14	23	21	21	14	14	13	15	15	20	20	23	22	18	19
VISIBILITY	15 - 17	18	17	17	10	9	11	12	12	14	15	20	16	14	19
LESS THAN	18 - 20	21	15	12	4	7	9	8	9	12	11	17	17	12	8
3 MI	21 - 22	21	15	12	3	6	7	3	7	9	11	15	22	11	6
CEILING LESS	06 - 08	20	25	29	17	25	22	22	27	36	31	33	26	26	10
THAN 1500 FT	09 - 11	21	17	17	6	6	7	6	7	13	15	22	22	13	10
AND/OR	12 - 14	14	12	9	5	3	2	4	4	7	8	12	13	9	10
VISIBILITY	15 - 17	11	10	8	4	2	3	3	3	6	6	9	11	6	10
LESS THAN	18 - 20	12	9	7	2	2	3	2	5	6	6	12	12	7	8
3 MI	21 - 22	14	8	10	2	2	5	1	3	5	6	12	20	8	6
CEILING LESS	06 - 08	15	16	21	13	19	17	13	17	26	24	24	21	19	10
THAN 1000 FT	09 - 11	15	12	12	4	4	3	3	4	8	8	14	15	9	10
AND/OR	12 - 14	8	6	7	2	2	1	1	1	4	2	5	10	4	10
VISIBILITY	15 - 17	7	7	5	2	1	2	1	1	4	4	6	7	4	10
LESS THAN	18 - 20	8	7	4	1	1	1	1	2	4	3	10	8	4	6
2 MI	21 - 22	9	5	6	1	0	2	1	2	3	3	10	15	5	6
CEILING LESS	06 - 08	3	5	8	5	7	5	2	3	4	8	8	6	5	10
THAN 200 FT	09 - 11	2	0	1	0	0	0	0	0	0	1	1	2	1	10
AND/OR	12 - 14	0	0	0	0	0	0	0	0	0	0	0	0	0	10
VISIBILITY	15 - 17	0	0	0	0	0	0	0	0	0	0	0	0	0	10
LESS THAN	18 - 20	2	1	0	0	0	0	0	0	0	0	1	0	0	6
1/2 MI	21 - 22	2	1	0	0	0	0	0	0	0	0	1	0	1	6

AWS CLIMATIC BRIEF

GLYNCO NAS/BRUNSWICK, GEORGIA — PERIOD: 1945-67B — WBAN # 93836 — WMO #

Prepared by ETAC (APR 1971) — N31 15 W081 28 — ELEVATION: 35 ft — STN LTRS: KNEA

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS						TEMPERATURE (°F)				MEAN CLDS (Tenths)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (PEAK GUST)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE 99.95% (Feet)	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	
JAN	82	62	41	15	3.1	2.3	#	#	WNW	6	42	88	65	44	.29	400	9	2	#	0	1	16	0	#	7	0	5
FEB	91	65	44	18	3.9	2.3	#	1	W	7	42	87	62	46	.31	450	9	3	#	0	1	13	#	1	3	0	5
MAR	89	70	49	27	3.9	2.9	#	#	W	7	49	87	59	51	.38	400	9	3	#	0	3	16	0	5	1	0	5
APR	92	76	56	35	2.8	3.4	0	0	SSE	6	56	89	60	58	.49	400	7	2	0	0	4	16	#	11	0	0	5
MAY	99	84	64	47	3.3	3.3	0	0	SSE	6	53	90	58	64	.60	350	8	3	0	0	8	16	6	24	0	0	5
JUN	103	87	70	54	5.5	4.5	0	0	SSE	6	43	92	64	71	.76	250	12	4	0	0	12	13	9	28	0	0	6
JUL	101	89	72	64	7.9	6.0	0	0	SSW	5	54	92	67	73	.82	200	14	5	0	0	14	13	15	31	0	0	6
AUG	102	89	72	61	6.1	7.8	0	0	SSE	5	56	93	67	73	.82	250	13	3	0	0	13	15	16	30	0	0	5
SEP	95	84	69	50	3.1	6.6	0	0	NE	5	53	93	69	70	.74	300	13	4	0	0	7	14	4	25	0	0	6
OCT	93	77	59	36	3.2	4.0	0	0	NNE	5	39	91	64	61	.54	350	7	2	0	0	1	16	#	12	0	0	4
NOV	83	69	49	25	1.8	5.2	0	0	NNE	5	52	89	62	52	.39	350	7	1	0	0	1	15	0	2	1	0	5
DEC	82	63	43	13	2.5	2.3	#	#	NNE	5	36	87	65	45	.30	350	7	2	#	0	1	15	0	1	6	0	5
ANN	103	76	57	13	52.6	7.3	#	1	W	6	56	90	64	59	.50	350	115	34	#	0	66	178	50	170	18	0	5
EYR	17	17	17	17	17	17	17	17	18	18	17	18	18	18	18	18	17	17	17	17	19	19	17	17	17	17	17

REMARKS

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Number Observed Within:		4/3	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(Period: 1900-1970)	60 NM	0/0	0/0	0/0	0/0	1/0	4/2	2/0	5/2	7/2	9/2	1/0	0/0	29/8
a) Hurricanes/Tropical Storms	120 NM	0/0	0/0	0/0	0/0	1/0	8/3	7/2	10/3	15/5	13/4	1/0	1/1	56/18
b) Hurricanes Only	240 NM	0/0	1/0	0/0	0/0	2/1	15/4	13/5	22/11	39/22	27/11	1/0	1/1	121/55

Additional Period: Hrly and Daily Obs: Feb 45-Mar 46, Jan 51-Dec 67.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	22	23	15	12	11	9	7	8	15	17	19	22	15	
	03 - 05	23	28	21	16	15	13	8	10	19	21	23	24	18	
	06 - 08	27	31	28	20	20	18	13	15	25	25	26	26	23	
	09 - 11	25	27	23	22	24	29	27	27	39	25	19	23	26	
	12 - 14	22	24	19	19	21	31	32	35	40	26	18	22	26	
	15 - 17	18	19	15	14	13	21	23	21	29	20	14	18	19	
	18 - 20	18	17	12	11	11	14	13	11	19	16	13	19	15	
	21 - 23	18	18	13	11	9	10	9	8	14	13	16	21	13	
	ALL HOURS	22	23	18	15	16	18	16	17	25	20	18	22	19	18
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	17	16	11	9	7	3	3	4	8	12	14	16	10	
	03 - 05	18	20	16	14	11	7	4	7	12	15	19	18	13	
	06 - 08	23	25	22	15	14	11	7	12	17	20	23	20	17	
	09 - 11	20	19	16	10	9	10	7	9	17	16	15	17	14	
	12 - 14	13	13	9	7	6	7	5	5	12	11	10	14	9	
	15 - 17	11	10	9	5	4	5	5	4	10	10	7	11	8	
	18 - 20	13	10	8	6	6	5	4	3	8	8	7	13	8	
	21 - 23	13	13	9	7	6	3	2	2	5	8	10	15	8	
	ALL HOURS	16	16	12	9	8	6	5	6	11	13	13	15	11	18
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	13	13	9	7	4	1	1	3	5	8	10	14	7	
	03 - 05	14	16	14	11	8	4	2	4	7	11	15	15	10	
	06 - 08	19	19	18	12	10	6	5	8	12	14	19	17	13	
	09 - 11	16	14	11	5	4	3	2	4	8	10	11	12	8	
	12 - 14	9	9	6	3	2	3	2	2	4	6	7	9	5	
	15 - 17	7	8	6	3	2	3	2	2	4	6	4	8	5	
	18 - 20	9	8	5	4	3	2	2	2	4	5	6	10	5	
	21 - 23	11	11	6	5	3	1	1	2	3	5	7	12	6	
	ALL HOURS	12	12	9	6	4	3	2	3	6	8	10	12	7	18
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	4	5	2	1	#	#	#	#	1	2	3	5	2	
	03 - 05	6	5	4	3	2	#	1	1	2	3	6	6	3	
	06 - 08	7	4	5	2	3	1	#	1	2	4	7	6	3	
	09 - 11	3	1	1	0	#	0	0	0	#	1	1	2	1	
	12 - 14	1	1	#	#	0	#	#	0	0	0	#	1	#	
	15 - 17	1	1	#	0	#	#	#	#	0	#	#	1	#	
	18 - 20	2	1	1	#	0	0	#	#	#	#	1	1	1	
	21 - 23	3	3	1	1	0	0	0	0	#	1	2	4	1	
	ALL HOURS	3	3	2	1	#	#	#	#	1	1	3	3	1	18

A W S CLIMATIC BRIEF October 1987	Station Name: HUNTER AAF GA Latitude/Longitude: N32 01 W081 09 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 48 to Jun 73 LST = GMT -5	Nov 74 to May 87	Field Elev: 42 ft Station MSC: 747804 Call Sign: KSVN Supersedes: Dec 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	85	84	91	93	100	104	106@	105	97	95	89	82	106	35
MEAN MAX TEMP °F	59	62	69	76	83	88	90	89	85	77	69	62	76	35
MEAN TEMP °F	49	52	59	66	73	79	82	81	77	68	59	52	67	35
MEAN MIN TEMP °F	39	42	48	56	64	70	73	73	69	59	48	42	57	35
XTRM MIN TEMP °F	8@	16	22	33	43	51	60	61@	42@	32	17	11	8@	35
D/W TEMP ≥ 95°F	0	0	0	0	1	3	4	4	1	#	0	0	13	35
D/W TEMP ≥ 90°F	0	0	#	1	4	11	16	15	4	1	0	0	52	35
D/W TEMP ≤ 40°F	17	11	6	1	0	0	0	0	0	1	6	14	56	35
D/W TEMP ≤ 32°F	9	5	1	0	0	0	0	0	0	#	2	6	23	35
VPR PRESS "Hg	.20	.24	.30	.38	.52	.69	.79	.79	.69	.49	.38	.27	.45	10
MEAN DEWPOINT °F	34	39	45	51	60	68	72	72	68	58	51	42	56	10
99.95% WCPA Ft	500	500	600	500	350	250	200	200	300	300	350	400	400	10
MEAN RH 07 LST %	74	77	77	76	78	82	83	87	87	83	82	77	80	10
MEAN RH 13 LST %	53	54	51	47	52	55	58	61	61	56	57	55	55	10
MAX 24HR PRECIP "	5.7@	3.2	3.2	4.1	3.5	4.2	4.7	6.0	8.8	4.1	3.5	3.9	8.8	35
MAX PRECIP "	10.5	7.0	10.0	7.6	11.9	17.3	18.5	14.6	13.3	9.5	5.4	7.0	18.5	35
MEAN PRECIP "	3.2	3.4	4.2	2.9	3.8	5.5	7.2	7.5	5.0	2.6	1.7	2.6	49.6	35
MIN PRECIP "	.4	.6	.0	.4	.4	1.4	.6	.9	.2	.1	#	.1	.0	35
D/W PRECIP ≥ .01"	9	9	9	7	9	10	14	12	10	7	7	8	111	35
D/W PRECIP ≥ .5"	2	2	3	2	3	3	4	4	3	2	1	2	31	35
MAX 24HR SNFL	#	4	#	#	0	0	0	0	0	0@	#	#	4	35
MAX SNFL "	#	4	#	#	0	0	0	0	0	0	#	#	4	35
MEAN SNFL "	#	#	#	#	0	0	0	0	0	0	#	#	#	35
D/W SNFL ≥ .1"	#	#	0	0	0	0	0	0	0	0	0	0	#	35
D/W SNFL ≥ 1.5"	0	#	0	0	0	0	0	0	0	0	0	0	#	35
MEAN WND DRCTN	W	$W	$W	$W	$S	$W	$WSW	$WSW	$NNE	$NNE	$NNE	$NNE	$W	10
MEAN WND SPD Kts	6	6	6	5	4	5	4	4	4	4	4	4	5	10
MAX WND SPD** Kts	51	53@	48	50	51	51	50	51	64	48	45@	43	64	33
MEAN CLD CVR 10th	6	6	6	5	6	6	7	6	6	5	5	6	6	10
D/W TSTORMS	1	1	3	3	7	10	14	12	5	2	#	1	59	35
D/W FOG VSBY <7mi	14	13	15	12	15	14	13	16	19	17	15	14	177	35

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL
Within 60NM	0/0	0/2	1/2	3/3	0/3	1/2	0/0	5/12
Within 120NM	0/3	1/6	2/5	4/10	2/10	4/12	0/0	13/46
Within 240NM	1/4	3/13	6/9	13/26	10/28	9/21	1/1	43/102

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A W S CLIMATIC BRIEF October 1987	Station Name: HUNTER AAF GA Latitude/Longitude: N32 01 W081 09 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 48 to Jun 73 LST = GMT -5 Nov 74 to May 87	Field Elev: 42 ft Station MSC: 747804 Call Sign: KSVN Supersedes: Dec 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	21	19	17	7	7	5	4	6	9	13	22	21	13	
	03-05	23	26	22	11	12	8	9	9	13	21	27	22	17	
CIG/VSBY	06-08	27	29	30	16	19	15	16	18	30	31	32	27	24	
	09-11	26	26	23	12	11	13	11	9	19	20	25	25	18	
LESS THAN	12-14	23	22	16	10	10	10	11	12	16	18	19	22	16	
	15-17	22	17	12	7	6	6	8	7	12	13	15	17	12	
3000/3	18-20	21	18	11	6	5	6	5	6	10	12	14	14	11	
	21-23	19	18	12	6	6	4	5	5	9	10	15	16	10	
	00-24	23	22	18	9	10	8	9	9	15	17	21	21	15	10
	00-02	14	13	14	5	5	2	2	3	6	9	17	16	9	
	03-05	16	19	18	7	10	6	6	7	11	17	24	15	13	
CIG/VSBY	06-08	21	24	24	12	15	12	13	16	27	26	28	21	20	
	09-11	20	21	17	6	5	3	5	6	13	14	20	19	12	
LESS THAN	12-14	17	13	9	4	3	2	2	3	5	9	10	15	8	
	15-17	13	12	7	3	3	2	2	3	4	6	7	11	6	
1500/3	18-20	14	12	7	3	3	2	3	3	6	7	8	8	6	
	21-23	13	12	9	4	3	1	3	2	5	6	10	12	7	
	00-24	16	16	13	6	6	4	5	5	10	12	16	15	10	10
	00-02	11	12	12	4	3	1	1	2	4	6	13	11	7	
	03-05	13	15	15	5	7	4	4	4	6	14	19	12	10	
CIG/VSBY	06-08	17	17	18	7	9	7	7	9	15	17	23	17	14	
	09-11	16	16	10	4	3	1	2	3	7	8	14	14	8	
LESS THAN	12-14	12	9	5	2	1	1	1	2	2	4	6	9	5	
	15-17	10	9	3	2	1	1	1	2	2	3	3	8	4	
1000/2	18-20	11	10	4	2	2	1	1	2	2	4	6	6	4	
	21-23	12	11	7	3	1	1	1	1	3	3	7	10	5	
	00-24	13	12	9	4	3	2	2	3	5	7	11	11	7	10
	00-02	1	3	2	1	#	0	#	#	#	1	3	3	1	
	03-05	4	3	4	2	2	#	#	1	1	3	6	3	2	
CIG/VSBY	06-08	4	4	4	2	2	1	1	#	1	3	6	4	3	
	09-11	2	1	#	0	0	0	0	0	0	#	1	1	#	
LESS THAN	12-14	1	0	0	0	0	0	0	0	0	0	0	#	#	
	15-17	#	0	0	0	#	0	0	0	#	0	0	0	#	
200/½	18-20	1	1	0	0	0	0	0	#	#	#	#	#	#	
	21-23	1	3	1	1	0	0	0	0	#	#	1	2	1	
	00-24	2	2	1	1	1	#	#	#	#	1	2	2	1	10

CB DATED MAY 1982 IS OBSOLETE

PREPARED BY: USAFETAC JUNE 1987 | STATION NAME: MOODY AFB GA | LOCATION: N30 58 W083 12 | PERIOD: APR 44-FEB 87 B | ELEV: 233 FT | STN LTRS: | WBAN NSC NO: 747810

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN WBPT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	CLOUDINESS MEAN NUMBER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDER STORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 40	MIN ≤ 32
JAN	61	42	52	82	4	3.6	8.0	.4	3.1	8	8	8	76	56	.21	36	650	WNW	5	44	6	9	2	0	0	1	16	0	0	14	6
FEB	65	45	55	868	18	4.3	11.1	1.3	3.2	8	2	2	78	54	.25	40	700	N	5	49	6	9	3	8	8	2	14	0	0	9	3
MAR	71	51	62	89	22	4.7	12.1	.7	5.2	8	8	8	78	49	.32	47	750	W	5	48	6	9	3	0	0	3	14	0	0	3	1
APR	79	58	69	96	39	3.8	11.6	.3	5.6	0	0	0	78	45	.39	52	600	W	5	52a	5	7	2	0	0	4	14	8	1	8	0
MAY	85	65	75	99	44a	3.3	11.3	.2	4.2a	0	0	0	81	49	.52	60	500	S	4	51	5	8	2	0	0	6	16	1	7	0	0
JUN	90	71	81	105	51	4.5	11.7	.8	5.6	0	0	0	83	54	.69	68	450	WSW	3	45	6	10	3	0	0	9	17	4	16	0	0
JUL	91	73	82	103	64a	6.5	11.2	1.6	3.6a	0	0	0	84	58	.76	71	350	W	3	45	6	13	4	0	0	13	18	5	20	0	0
AUG	90	73	82	100	61	5.3	15.5	1.3	4.6	0	0	0	86	59	.76	71	400	E	3	48a	6	12	3	0	0	11	20	4	20	0	0
SEP	87	70	78	99	42a	3.3	9.0	.1	5.4	0	0	0	85	57	.67	67	450	NE	3	46	5	9	2	0	0	5	20	1	10	0	0
OCT	79	59	70	94	34	2.2	7.3	.0	3.9	0	0	0	83	54	.49	58	450	NE	3	44	5	5	1	0	0	2	17	0	1	0	0
NOV	70	50	60	90a	19a	2.7	6.4	.1	3.2	0	0	0	84	57	.38	51	500	N	4	55	5	7	2	0	0	1	16	0	0	0	1
DEC	63	44	54	83a	9a	3.9	9.1	.1	3.8a	2	8	8	77	57	.27	42	550	NW	4	39a	6	8	3	0	0	1	15	0	0	0	0
ANN	78	58	68	105	4	48.1	15.5	.0	5.6	2	2	2	81	54	.44	55	550	E	4	45	6	104	30	8	8	58	97	15	75	42	15
YRS	40	40	40	40	40	39	39	39	39	40	40	40	10	10	10	10	11	10	10	32	10	39	39	40	40	40	40	40	40	40	40

REMARKS: RUSSMO FOR:
HOURLY OBS: MAR 77-FEB 87
SUMMARY OF DAY DATA: APR 44-JUN 46, JUL 51-FEB 87

NUMBER OBSERVED WITHIN: (1900-1982)

A/B	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/3	0/1	1/4	0/6	0/2	0/0	1/16
(A) Hurricanes 120NM	0/2	1/8	0/3	4/11	1/14	1/8	0/0	7/46
(B) Tropical Storms 240NM	0/4	3/13	5/13	15/23	18/24	6/18	1/0	8/95

NOTE: * DATA NOT AVAILABLE — ∞ AMTS < UNITS SHOWN IN HEADING — ** INSTANTANEOUS PEAK WINDS — 8 % CALM 6STR % PLUS DRCTN — 3 CASES 88 < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	27	26	20	11	8	6	6	7	9	17	23	26	16	
	03-05	31	28	27	16	17	15	13	16	17	27	34	33	23	
	06-08	34	34	33	19	25	24	24	31	35	39	43	37	32	
	09-11	33	31	24	12	12	12	10	15	18	24	33	33	21	
	12-14	27	24	14	10	8	7	6	7	12	13	19	24	15	
	15-17	22	20	11	7	4	4	3	6	8	7	13	21	11	
	18-20	21	18	11	6	3	4	5	4	7	10	14	20	10	
	21-23	23	22	13	5	4	4	5	4	8	13	17	21	12	
	ALL HRS	27	26	20	11	10	10	9	11	14	19	25	27	17	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	20	14	8	7	5	6	7	7	14	20	20	12	
	03-05	25	24	22	13	15	14	12	16	15	23	30	28	20	
	06-08	27	28	25	16	23	23	23	30	34	36	39	32	28	
	09-11	25	25	18	8	7	7	6	11	14	18	27	27	16	
	12-14	18	17	8	4	2	2	1	3	5	6	11	17	8	
	15-17	13	11	6	3	1	2	1	3	2	5	8	12	6	
	18-20	14	12	6	3	2	3	3	3	4	6	9	11	6	
	21-23	16	17	9	4	3	2	3	3	5	9	13	13	8	
	ALL HRS	20	19	14	7	8	7	7	10	11	15	20	20	13	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	16	10	6	4	4	4	6	5	12	17	17	10	
	03-05	20	20	16	9	12	11	10	14	13	20	25	24	16	
	06-08	22	23	20	13	18	19	19	25	27	30	32	27	23	
	09-11	19	19	13	4	4	3	4	8	9	12	20	21	11	
	12-14	12	12	4	1	1	1	1	2	2	3	6	12	5	
	15-17	10	8	3	1	0	1	0	2	2	2	4	7	3	
	18-20	10	8	4	2	1	1	2	2	2	4	5	8	4	
	21-23	13	12	6	2	2	1	2	2	3	7	9	9	6	
	ALL HRS	15	15	10	5	5	5	5	8	8	11	15	16	10	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	3	2	1	0	0	0	0	0	1	2	2	3	1	
	03-05	5	3	4	2	2	2	3	3	2	4	7	6	4	
	06-08	6	4	4	2	3	3	4	5	5	8	11	8	5	
	09-11	2	2	1	0	0	0	0	0	0	0	2	3	1	
	12-14	0	1	0	0	0	0	0	0	0	0	0	1	0	
	15-17	0	1	0	0	0	0	0	0	0	0	0	1	0	
	18-20	1	0	0	0	0	0	0	0	0	0	0	1	0	
	21-23	1	0	1	0	0	0	0	0	0	0	1	1	0	
	ALL HRS	2	2	1	1	1	1	1	1	1	2	3	3	2	10

PREPARED BY: USAFETAC
AUG/ST 1986

STATION NAME: ROBINS AFB GA
LOCATION: N32 38 W083 36

PERIOD: SEP 42 MAY 86
ELEV: 295 FT

STN LTRS: KWRB
WSC NO: 722175

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN VAPOR PRESSURE (mb)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.9%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	CLOUDINESS MEAN SUNRISE-SUNSET (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER	FOG VSBY < 7mi	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 32	MIN ≤ 30
JAN	57	37	47	84	-1	3.9	8.4	.5	4.7	8	2	2	75	53	.17	30	800	NW	5	51	6	10	3	8	8	1	14	0	0	11	7
FEB	61	40	51	85	11	4.6	9.0	.6	4.5	1	13	7	79	53	.21	36	800	NNW	5	56	6	9	3	8	8	2	12	0	0	7	5
MAR	69	46	57	89	18	5.1	13.8	.7	4.9	8	1	1	79	50	.28	43	850	NNW	5	59	6	10	3	9	8	3	12	0	0	2	1
APR	77	54	65	96	32	3.5	9.0	.1	3.9	0	0	0	80	46	.36	50	750	NNW	5	50	5	8	2	0	0	4	10	8	1	8	0
MAY	84	62	73	100	40	3.4	7.2	.9	2.8	0	0	0	84	50	.52	60	650	N	4	52	6	9	2	0	0	6	13	1	7	0	0
JUN	92	69	77	109	49	3.4	7.0	.9	2.7	0	0	0	84	51	.67	67	600	N	3	59	5	9	2	0	0	8	13	6	15	0	0
JUL	90	72	81	107	55	5.2	12.8	0	3.8	0	0	0	85	56	.74	70	550	W	3	55	6	12	3	0	0	13	14	6	18	0	0
AUG	90	71	81	105	57	3.8	7.3	0	3.7	0	0	0	87	56	.71	69	500	E	2	61	6	9	2	0	0	9	18	5	19	0	0
SEP	85	66	76	100	37	2.9	7.9	.1	3.6	0	0	0	88	56	.62	65	600	N	3	54	5	8	2	0	0	4	18	2	9	0	0
OCT	77	54	66	99	27	2.1	7.4	0	4.7	0	0	0	86	52	.42	54	600	N	3	49	5	5	1	0	0	1	16	0	1	0	0
NOV	67	44	55	87	11	2.6	8.1	.2	3.3	0	0	0	88	56	.30	45	700	NNW	4	44	5	7	2	0	0	1	13	0	0	3	1
DEC	53	38	46	83	8	4.4	11.5	.1	4.1	0	0	0	79	54	.22	37	700	NNW	4	48	6	9	3	0	0	1	13	0	0	10	6
ANN	74	54	65	109	-1	44.9	13.8	0	4.9	1	13	7	83	53	.38	52	700	NNW	4	51	6	105	28	8	6	53	166	20	70	33	20
YR	99	99	99	99	99	99	99	99	99	39	39	39	10	10	10	10	10	10	10	39	10	99	99	39	39	39	39	99	99	99	99

REMARKS

RUSSNO POR: 1900-1985

HOURLY OBSERVATIONS: JUN 76-MAY 86 STATION 722175

SUMMARY OF DAY DATA: SEP 42-MAY 86

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60 NM	0/0	0/1	0/0	0/3	0/0	0/2	1/0	0/0	1/6
120 NM	0/0	0/3	0/1	0/9	0/10	0/4	0/0	0/0	0/27
240 NM	0/4	2/11	3/10	10/24	3/25	4/16	0/1	0/0	32/91

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM OBTN % PVLG DRCTN 3 BASED ON < FULL RECORD

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	CYG
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	23	19	16	8	7	5	7	8	13	11	19	20	13	
	03-05	27	24	19	13	12	13	15	19	21	17	25	25	19	
	06-08	32	26	24	19	20	25	32	38	32	28	33	31	28	
	09-11	30	24	21	15	14	14	21	21	23	25	30	27	22	
	12-14	25	18	15	7	5	3	7	8	9	13	18	19	12	
	15-17	21	16	11	6	3	2	5	6	7	8	15	17	9	
	18-20	18	15	10	3	3	2	4	6	7	8	15	16	9	
	21-23	20	16	11	6	6	3	5	6	9	10	17	18	10	
	ALL HRS	25	20	16	9	9	8	12	13	15	15	22	22	16	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	14	11	5	6	6	6	5	10	8	13	13	9	
	03-05	19	19	15	8	10	10	14	16	17	13	19	18	15	
	06-08	23	20	19	14	17	20	29	34	26	25	27	23	23	
	09-11	22	18	15	9	7	7	12	14	14	17	23	19	15	
	12-14	17	11	8	3	2	1	3	2	5	6	12	13	7	
	15-17	13	9	6	2	1	1	3	1	5	4	9	10	5	
	18-20	13	10	7	2	2	1	2	2	4	4	10	10	6	
	21-23	15	12	7	2	2	2	4	3	6	6	11	12	7	
	ALL HRS	17	14	11	5	6	6	9	10	11	10	16	15	11	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	11	9	3	2	2	3	3	5	5	10	10	6	
	03-05	15	15	12	6	6	6	8	9	11	10	15	15	11	
	06-08	18	16	14	9	10	9	14	19	17	18	21	19	16	
	09-11	19	14	11	6	3	2	4	7	7	10	17	15	10	
	12-14	12	8	5	2	1	1	1	1	3	3	8	8	4	
	15-17	11	6	3	1	1	1	2	0	2	2	5	7	3	
	18-20	11	7	5	1	1	0	0	1	3	3	6	7	4	
	21-23	13	9	6	1	1	1	1	2	3	4	9	8	5	
	ALL HRS	14	11	8	4	3	3	4	5	6	7	11	11	7	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	2	0	0	0	0	0	0	0	0	2	1	1	
	03-05	2	2	0	1	1	0	0	1	1	1	3	3	1	
	06-08	3	2	1	1	1	0	0	1	2	3	4	5	2	
	09-11	2	1	0	0	0	0	0	0	0	1	1	2	1	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	1	1	0	0	0	0	0	0	0	0	0	0	0	
	21-23	1	1	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	1	1	0	0	0	0	0	0	0	1	1	2	1	10

A W S CLIMATIC BRIEF MAY 91	STATION NAME: BOISE AIR TERMINAL ID LATITUDE/LONGITUDE: 43 34 N 116 13 W HOURLY OBS POR: DEC 80 - NOV 90 SUMMARY OF DAY POR: JAN 48-NOV 90 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +07	FIELD ELEV: 2858 FT STATION NBC: 726810 CALL SIGN: KBOI SUPERSEDES: MAR 74

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	63	70	81	92	98	105	111	110	101	91	74	65	111	42
MEAN MAX TEMP (F)	36	44	52	62	71	80	90	88	77	65	49	38	63	42
MEAN TEMP (F)	29	36	42	49	58	66	74	73	63	52	40	31	51	42
MEAN MIN TEMP (F)	21	27	31	37	44	52	58	57	48	39	31	23	39	42
EXTRM MIN TEMP (F)	-17	-15	6	19	22	31	35	37	23	11	-3	-23	-23	42
D/W TEMP GE 90 (F)	0	0	0	#	1	6	19	15	3	#	0	0	44	42
D/W TEMP GE 80 (F)	0	0	#	1	7	16	28	26	14	2	0	0	94	42
D/W TEMP LT 33 (F)	26	21	10	9	2	#	0	0	1	6	17	26	126	42
D/W TEMP LT 10 (F)	5	1	#	0	0	0	0	0	0	0	1	3	10	42
HEATING DEGREE DAYS	1130	845	713	453	264	71	6	16	120	389	755	1035	5797	43
@@COOLING DEGREE DAYS	0	0	0	0	#	3	23	10	#	0	0	0	36	43
MEAN DEWPOINT TEMP (F)	21	24	29	32	36	41	42	42	37	32	29	21	32	10
MEAN WET BULB TEMP (F)	25	30	37	42	47	53	57	56	49	42	35	25	42	10
99.99% WCPA (FT)	3450	3500	3500	3450	3350	3300	3250	3200	3300	3300	3500	3450	3450	10
MEAN REL HUM 07 LST(%)	81.2	77.7	74.6	67.3	64.5	57.4	49.8	50.5	59.7	67.0	78.1	81.1	67.3	10
MEAN REL HUM 13 LST(%)	68.2	58.8	49.3	38.8	36.2	30.4	26.7	26.3	33.3	38.6	57.8	67.0	44.2	10
MAX 24HR PRECIP (IN)	1.13	.92	1.60	1.27	1.77	1.91	.94	1.61	1.73	.68	.78	1.03	1.91	42
MAX PRECIP (IN)	3.87	3.70	3.46	3.04	4.07	2.94	1.62	2.37	2.93	2.25	3.36	4.23	18.77	42
MEAN PRECIP (IN)	1.46	1.15	1.25	1.20	1.22	.86	.31	.37	.67	.74	1.36	1.38	11.93	42
MIN PRECIP (IN)	.12	.19	.21	.09	.10	.01	#	#	.00	.00	.14	.09	6.84	42
D/W PRECIP GE .01 (IN)	12	10	10	8	8	6	3	3	4	6	10	11	91	42
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	#	1	1	#	1	1	10	42
MAX 24HR SNFL (IN)	7.0	7.0	6.3	7.2	4.0	#	0	0	0	1.2	4.7	6.7	7.2	42
MAX SNFL (IN)	21.4	25.2	11.9	8.0	4.0	#	0	0	0	2.7	10.6	26.2	46.5	42
MEAN SNFL (IN)	7.0	3.8	2.0	.8	.1	#	0	0	0	.1	2.3	6.2	22.3	42
D/W SNFL GE .1 (IN)	7	4	2	1	#	0	0	0	0	1	2	6	23	42
D/W SNFL GE 1.5 (IN)	1	1	1	#	#	0	0	0	0	0	1	1	5	42
MAX DLY SNO DEPTH (IN)	12	9	6	1	#	0	0	0	0	#	11	13	13	42
PRVLNG WND DIR (DEG)	11-13	11-13	11-13	11-13	29-31	29-31	29-31	11-13	11-13	11-13	11-13	11-13	11-13	10
MEAN WND SPD (KTS)	6	7	8	8	8	8	7	7	7	7	7	6	7	10
MAX WND SPD (KTS)	51	56	50	51	48	55	62	52	39	41	48	49	62	22
SKY COVER GT 5/10 (%)	74.3	69.9	64.5	58.1	55.3	44.9	31.9	27.8	32.0	45.6	67.3	68.0	53.0	10
D/W THUNDERSTORMS	#	1	1	1	3	3	2	3	1	1	1	#	17	42
D/W FOG (VSBY LT 7 MI)	14	7	3	2	1	1	#	1	1	2	7	13	52	42

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	32.0	15.7	9.8	2.7	3.0	.9	.0	.0	.7	1.6	11.5	28.7	8.5	10
	03 - 05	31.5	18.2	7.1	3.2	3.8	.4	.0	.3	1.5	2.3	12.7	28.0	9.1	10
CIG	06 - 08	31.0	19.2	9.3	3.3	5.1	.5	.1	.4	2.6	3.6	14.4	32.2	10.1	10
LT 3000 FT	09 - 11	32.1	18.5	9.1	3.5	5.1	.6	.1	.3	2.4	3.6	11.6	32.6	10.0	10
AND/OR	12 - 14	28.0	12.5	8.8	2.7	3.0	.2	.2	.1	2.3	1.9	9.6	28.1	8.1	10
VSBY	15 - 17	25.2	10.1	6.4	1.8	1.5	.1	.2	.1	1.4	1.1	8.7	27.8	7.0	10
LT 3 MI	18 - 20	25.5	10.4	4.1	1.0	.7	.2	.0	.1	1.2	.7	8.5	26.9	6.6	10
	21 - 23	28.9	13.2	4.1	1.3	1.6	.2	.2	.0	.2	.5	8.9	29.0	7.3	10
	ALL	29.3	14.7	6.8	2.5	3.0	.3	.1	.2	1.5	1.9	10.7	29.1	8.3	10
	00 - 02	26.9	12.0	2.1	1.6	1.4	.1	.0	.0	.1	.8	6.3	23.3	6.2	10
	03 - 05	25.4	14.2	3.8	1.7	2.2	.4	.0	.2	.9	1.7	6.8	22.9	6.7	10
CIG	06 - 08	23.3	14.7	5.0	1.7	2.5	.3	.1	.3	1.2	2.0	8.4	26.7	7.2	10
LT 1500 FT	09 - 11	25.5	14.0	4.8	1.5	1.1	.3	.0	.2	1.2	1.6	8.4	29.1	7.3	10
AND/OR	12 - 14	21.2	8.4	4.3	1.0	.7	.0	.1	.0	1.0	.8	7.0	24.7	5.8	10
VSBY	15 - 17	18.8	5.8	2.9	.8	.3	.0	.1	.1	.9	.5	4.0	24.5	4.9	10
LT 3 MI	18 - 20	20.1	6.1	2.1	.3	.1	.2	.0	.1	1.0	.6	4.2	23.6	4.9	10
	21 - 23	23.6	8.6	2.2	.7	.5	.2	.1	.0	.2	.4	5.3	25.6	5.6	10
	ALL	23.1	10.5	3.4	1.2	1.1	.2	.1	.1	.8	1.1	6.3	25.0	6.1	10
	00 - 02	20.4	9.1	1.5	1.4	.9	.0	.0	.0	.0	.8	5.5	21.4	5.1	10
	03 - 05	19.9	10.9	2.4	1.5	1.3	.3	.0	.1	.8	1.4	6.1	20.7	5.4	10
CIG	06 - 08	18.2	11.8	3.9	1.5	1.4	.1	.0	.2	.8	1.8	7.2	23.0	5.8	10
LT 1000 FT	09 - 11	19.4	10.5	3.5	.8	.4	.0	.0	.1	.6	1.4	7.2	24.3	5.7	10
AND/OR	12 - 14	14.0	4.0	1.9	.3	.2	.0	.1	.0	.0	.7	5.0	19.2	3.8	10
VSBY	15 - 17	10.6	3.5	1.1	.5	.0	.0	.1	.0	.0	.3	1.8	18.6	3.0	10
LT 2 MI	18 - 20	11.4	3.9	1.1	.1	.0	.0	.0	.0	.0	.4	2.5	18.7	3.2	10
	21 - 23	16.5	6.5	1.3	.3	.2	.2	.1	.0	.0	.2	4.5	21.4	4.3	10
	ALL	16.3	7.5	2.1	.8	.6	.1	.0	.1	.3	.9	5.0	20.9	4.5	10
	00 - 02	7.4	1.7	.6	.3	.2	.0	.0	.0	.0	.0	1.4	6.6	1.5	10
	03 - 05	8.2	3.6	.4	.1	.1	.0	.0	.1	.0	.1	1.6	7.5	1.8	10
CIG	06 - 08	6.6	4.4	.8	.5	.0	.1	.0	.2	.0	.8	2.4	7.3	1.9	10
LT 200 FT	09 - 11	4.6	2.7	.1	.0	.0	.0	.0	.0	.0	.3	1.0	5.9	1.2	10
AND/OR	12 - 14	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	.4	10
VSBY	15 - 17	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.4	.3	10
LT 1/2 MI	18 - 20	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	3.5	.5	10
	21 - 23	5.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.6	1.0	10
	ALL	4.5	1.7	.3	.1	.0	.0	.0	.0	.0	.2	1.0	5.2	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : 0

CB DATED APR 80 IS OBSOLETE

PREPARED BY: USAFETAC, JUN 1987

STATION NAME: MOUNTAIN HOME AFB ID
LOCATION: N43 03 W115 52

PERIOD: JUL 43-SEP 86 B
ELEV: 2996 FT

STN LTRS: KMUO
WBAN NO: 726815

AWS CLIMATIC BRIEF

MEAN

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 07	LST 13	VAPOR PRESSURE (Bar Hg)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (% FT)	SPEED MEAN (KT)	SPEED MAX (KT) & DR	CLEAR (0-3)	PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDER STORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 32	MIN ≤ 15
JAN	36	22	29	64	-22	1.0	2.9	.1	.7	4	19	9	79	71	.11	20	3600	ESE	6	49	8	10	8	5	1	0	11	0	0	4	7
FEB	44	27	35	68	-18	.7	3.1	.1	.5	2	14	8	79	63	.14	25	3600	ESE	7	46	8	8	0	2	8	8	6	0	0	22	2
MAR	52	30	41	78	1	.8	2.8	0	.9	1	9	5	75	50	.16	29	3650	ESE	7	62	7	8	0	1	0	0	2	0	0	20	1
APR	61	36	49	92	17	.7	2.5	.1	1.0	0	4	3	66	40	.17	30	3500	NW	7	59	6	6	0	0	0	1	1	0	0	9	0
MAY	71	44	58	98	24	.8	2.2	.1	.9	0	0	0	62	36	.20	35	3450	NW	7	50	6	6	0	0	0	2	1	0	0	2	0
JUN	80	52	66	105	30	.9	2.4	0	1.4	0	0	0	56	28	.24	39	3350	NW	6	49	5	6	0	0	0	3	0	3	6	0	0
JUL	92	59	76	109	36	.3	1.7	0	.8	0	0	00	49	24	.27	42	3250	NW	6	51	9	2	0	0	0	3	0	12	20	0	0
AUG	89	58	74	111	37	.3	3.3	.0	1.3	0	0	0	48	23	.25	40	3300	NNW	5	61	9	2	0	0	0	3	0	9	18	0	0
SEP	78	48	64	104	24	.5	1.8	.0	.7	0	0	0	57	32	.21	36	3400	NW	6	47	5	4	0	0	0	2	1	1	5	1	0
OCT	65	38	52	92	15	.5	1.6	.0	.7	0	2	1	62	37	.17	30	3400	E	5	51	5	5	0	0	0	1	1	0	0	M	0
NOV	49	30	39	73	-5	1.0	2.1	.1	.8	2	19	7	71	55	.14	25	3550	ESE	6	49	7	8	0	2	0	0	5	0	0	0	1
DEC	38	23	31	64	-22	.9	3.2	0	.6	9	19	6	75	64	.11	20	3550	ESE	6	69	7	9	0	4	1	0	10	0	0	0	5
ANN	63	39	51	111	-22	8.4	3.3	.0	1.4	13	19	9	65	48	.17	31	3550	NW	6	69	6	74	8	34	2	15	38	25	51	16
YRS	38	38	38	38	38	38	38	38	38	38	38	38	10	10	10	10	10	10	10	36	10	38	38	38	38	38	38	38	38	38	38

REMARKS: RUSSMO POR:
HOURLY OBS: OCT 76-SEP 86
SUMMARY OF DAY DATA: JUL 43-OCT 45, MAY 49-NOV 49, APR 51-SEP 86
HOURS SUMMARIZED: 0000-2300 LST LST = GMT + 7

NOTE: * DATA NOT AVAILABLE — # ARTS < ARTS SHOWN IN HEADING — ** INSTANT AIRCRAFT PLAGE WINDS — $ % CALM DATA % PLUG DRCTN — # CASES OF < FULL MONTH

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	*
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	10	4	2	1	0	0	0	1	1	9	16	6	
	03-05	27	16	3	2	2	#	0	0	3	1	8	20	7	
	06-08	29	18	5	3	3	#	0	0	3	2	11	21	8	
	09-11	26	16	4	3	2	#	0	0	2	1	10	17	7	
	12-14	19	12	5	3	2	#	0	0	1	2	8	14	6	
	15-17	15	6	4	2	1	#	#	#	#	1	7	13	4	
	18-20	19	7	2	1	1	#	#	#	#	#	6	14	4	
	21-23	23	9	3	#	1	#	0	#	#	#	7	14	5	
	ALL HRS	23	12	4	2	2	#	#	#	1	1	8	16	6	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	8	2	1	#	0	0	0	#	#	6	13	4	
	03-05	22	14	2	1	1	0	0	0	2	1	6	16	5	
	06-08	23	15	3	2	1	#	0	0	2	1	7	17	6	
	09-11	22	13	3	1	1	#	0	0	2	1	8	16	5	
	12-14	14	8	2	1	1	#	0	0	1	#	6	12	4	
	15-17	12	4	1	#	#	#	#	#	0	#	5	11	3	
	18-20	15	5	1	1	#	#	#	#	0	0	4	11	3	
	21-23	18	7	1	#	0	#	0	#	0	0	5	13	4	
	ALL HRS	18	9	2	1	1	#	#	#	1	#	6	13	4	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	7	1	1	0	0	0	0	#	0	5	10	3	
	03-05	17	10	1	1	1	0	0	0	1	#	6	13	4	
	06-08	18	13	2	1	1	0	0	0	1	#	6	14	5	
	09-11	15	10	2	1	#	#	0	0	#	#	6	12	4	
	12-14	10	5	1	#	0	0		0	#	0	4	7	2	
	15-17	7	3	1	#	#	0		#	#	0	3	8	2	
	18-20	10	3	1	#	#			#	#	0	3	8	2	
	21-23	12	5	1	#	0			0	#	0	4	9	3	
	ALL HRS	13	7	1	1	#			#	#	#	4	10	3	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	5	2	#	0	0	0	0	0	0	0	2	3	1	
	03-05	7	3	#	0	0	0	0	0	0	0	1	4	1	
	06-08	8	4	#	#	0	0	0	0	#	0	2	4	2	
	09-11	4	3	0	0	0	0	0	0	0	0	1	4	1	
	12-14	1	#	#	0	0	0	0	0	0	0	#	2	#	
	15-17	1	#	#	0	0	0	0	0	#	0	#	1	#	
	18-20	2	#	0	0	0	0	0	0	0	0	#	2	#	
	21-23	3	1	#	0	0	0	0	0	0	0	1	3	1	
	ALL HRS	4	2	#	#	0	0	0	0	#	0	1	3	1	10

AWS CLIMATIC BRIEF

Prepared by ETAC (OCT 1970)

CHANUTE AFB/RANTOUL, ILLINOIS — N 40 18 W 88 09 — PERIOD: 1936-67 — ELEVATION: 747 ft

WBAN # 14806
WMO # 72531
STN LTRS: KRAN

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED	(GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (ft msl)	99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUD (TENTHS)
JAN	68	33	18	-15	2.0	2.6	5	7	W	10	61	83	73	20	.11	1400		9	1	4	1	#	15	0	0	28	3	7
FEB	68	37	22	-13	1.9	2.0	6	6	WNW	10	52	82	70	23	.12	1400		8	1	4	2	1	13	0	0	24	1	6
MAR	82	47	30	-7	3.1	3.2	4	5	W	10	62	83	64	30	.17	1450		11	2	3	1	3	14	0	#	20	#	7
APR	89	61	41	20	3.8	2.8	1	4	S	11	76	81	56	40	.25	1400		11	3	1	#	5	10	0	2	6	0	7
MAY	94	72	51	32	3.9	6.0	#	#	S	9	54	82	53	50	.36	1200		11	3	0	0	6	11	1	8	#	0	6
JUN	104	82	61	36	4.6	3.0	#	#	S	8	68	84	54	60	.52	1100		10	3	0	0	8	10	6	19	0	0	6
JUL	109	86	65	48	3.8	4.2	0	0	SW	6	47	85	51	63	.58	1000		8	2	0	0	7	12	8	27	0	0	5
AUG	100	85	64	42	2.9	3.3	0	0	S	6	69	88	54	63	.58	1000		7	2	0	0	6	14	7	24	0	0	5
SEP	101	78	55	28	2.7	2.6	0	0	S	7	52	85	50	54	.42	1100		7	2	0	0	4	11	3	14	#	0	4
OCT	91	67	45	17	3.2	2.5	#	#	S	8	50	82	51	44	.29	1200		7	2	0	0	2	13	#	4	3	0	4
NOV	80	49	31	-5	2.5	2.1	2	9	S	9	54	83	64	32	.18	1400		9	2	2	1	1	13	0	#	17	#	6
DEC	70	37	22	-12	1.9	2.8	5	8	S	9	50	84	72	24	.13	1400		9	1	4	1	#	15	0	0	26	2	7
ANN	109	61	42	-15	36.3	6.0	23	9	S	9	76	84	59	42	.27	1300		107	24	10	6	43	151	25	98	124	6	6
EYR	27	27	27	27	26	26	18	18	32	32	21	32	32	32	32	21		26	26	18	18	18	18	27	27	27	27	22

REMARKS

RUSSAO POR: HOURLY OBS Jul 36-Dec 67
DAILY OBS Sep 36-Dec 66

NOTE: #DATA NOT AVAILABLE. BLESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than [illegible] feet and/or VSBY less than 3 miles	00-02	40	35	27	19	15	11	6	10	10	15	26	37	21	27
	03-05	41	38	30	22	20	17	13	16	16	20	29	39	25	29
	06-08	43	41	36	24	21	15	13	16	20	25	36	45	28	31
	09-11	42	38	35	26	22	17	12	12	14	18	30	41	26	31
	12-14	40	37	35	24	20	14	8	10	12	16	28	39	24	31
	15-17	38	35	31	20	15	11	4	6	8	12	26	37	20	31
	18-20	37	33	27	18	12	8	4	4	8	11	22	37	18	31
	21-23	37	31	27	17	12	7	4	5	8	12	22	37	18	31
	ALL HOURS	40	36	31	21	17	13	8	10	12	16	27	39	23	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	31	26	19	13	11	8	5	7	7	12	17	28	15	27
	03-05	32	29	21	16	15	14	11	14	13	16	20	31	19	29
	06-08	35	34	28	17	15	11	10	14	17	21	28	35	22	31
	09-11	34	29	24	15	12	8	6	6	8	11	21	32	17	31
	12-14	29	24	19	13	9	5	3	4	5	8	16	29	14	31
	15-17	27	23	18	11	7	4	1	2	5	7	15	27	12	31
	18-20	27	22	17	11	7	4	2	2	5	7	13	27	12	31
	21-23	28	23	18	11	7	4	3	3	5	8	14	27	13	31
	ALL HOURS	30	26	21	13	10	7	5	7	8	11	18	30	16	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	22	17	13	9	8	5	3	4	4	8	11	19	10	27
	03-05	23	18	15	11	11	9	6	10	9	11	13	21	13	29
	06-08	26	23	20	12	11	7	6	9	11	14	19	25	15	31
	09-11	25	20	16	8	8	3	2	4	4	7	13	23	11	31
	12-14	21	17	12	8	4	2	1	2	3	5	10	19	9	31
	15-17	21	16	12	7	4	2	1	1	2	4	10	19	8	31
	18-20	19	15	12	7	5	2	1	1	2	4	8	18	8	31
	21-23	20	16	12	8	5	3	2	2	2	5	9	20	9	31
	ALL HOURS	22	18	14	9	7	4	3	4	5	7	9	21	10	
CIG less than 200 feet and/or VSBY less than 1 mile	00-02	5	4	2	1	1	1	#	1	#	2	1	5	2	27
	03-05	6	5	3	1	2	2	1	2	1	3	3	5	3	29
	06-08	6	5	4	1	1	#	1	1	1	3	4	6	3	31
	09-11	4	3	2	#	0	0	0	0	#	#	2	4	1	31
	12-14	3	2	1	#	0	0	0	0	0	0	#	2	1	31
	15-17	4	3	1	#	#	#	0	#	#	0	1	3	1	31
	18-20	4	4	2	#	0	#	0	0	0	#	1	4	1	31
	21-23	5	4	2	1	#	0	#	#	#	1	1	5	2	31
	ALL HOURS	5	4	2	1	1	#	#	1	#	1	2	4	2	

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: O'HARE ARFF, IL | STATION #: 725300 | ICAO: ORD
LOCATION: 4159N 8754W | ELEVATION (FEET): 673 | LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	65	71	87	91	93	103	102	103	99	91	78	71	103
MEAN DAILY MAX	1	30	34	47	59	70	80	85	82	74	62	49	34	59
MEAN	1	22	26	38	49	59	69	74	72	65	52	41	27	50
MEAN DAILY MIN	1	15	19	30	39	49	59	65	63	55	43	33	20	41
EXTREME MIN	1	-26	-17	-8	7	24	36	40	41	28	16	-10	-25	-26
# DAYS GE 90	1	0	0	0	#	1	3	8	4	1	#	0	0	18
# DAYS LE 32	1	28	24	18	6	1	0	0	0	#	4	14	26	120
# DAYS LE 0	1	6	3	#	0	0	0	0	0	0	0	#	2	11
2. PRECIPITATION (INCHES)														
MAXIMUM	2	4.3	2.7	5.9	7.7	7.1	7.9	9.0	8.5	11.4	9.6	7.0	8.6	*
MEAN	2	1.7	1.3	2.7	3.7	3.2	4.1	3.8	3.3	3.2	2.3	2.3	2.5	34.1
MINIMUM	2	0.1	0.1	0.6	1.0	0.4	1.4	1.1	0.4	#	0.1	0.7	0.2	*
MAX 24 HR	2	2.0	1.5	1.6	2.4	3.5	3.5	6.6	3.5	2.9	4.3	2.5	4.5	6.6
# DAYS W/PRECIP	1	18	16	17	16	15	13	12	13	12	12	13	16	173
# DAYS GE 0.5	2	1	1	2	2	2	3	2	2	2	1	1	1	20
3. SNOWFALL (INCHES)														
MEAN	2	10	7	7	2	#	0	0	0	#	#	2	10	38
MAXIMUM	2	34	22	25	11	2	0	0	0	#	7	11	43	*
MAX 24 HR	2	15	10	9	11	2	0	0	0	#	4	5	10	15
# DAYS W/SNOW	1	15	12	9	4	#	0	0	0	0	1	6	14	61
# DAYS GE 1.5	2	2	2	1	#	#	0	0	0	0	#	1	2	8
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	76	78	78	77	79	80	83	85	84	80	79	79	80
RH (15 LST)	1	64	63	58	52	50	51	51	54	53	52	60	66	56
VAPOR PRESS	1	.10	.12	.17	.23	.34	.47	.59	.58	.44	.28	.20	.13	.30
DEWPOINT	1	15	18	28	36	46	56	62	62	54	41	32	20	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	S	S	S	S	S	S	S	S	S	W	S
MEAN SPEED (PVLG DRCTN)	1	11	10	11	11	10	9	8	8	8	9	10	10	10
MEAN SPEED (ALL OBS)	1	10	10	11	10	9	8	7	7	8	9	10	10	9
MAX PEAK GUST	1	48	45	45	60	48	55	66	56	40	40	44	56	66
PRESSURE ALT	2	1400	1400	1400	1400	1150	1150	950	950	1050	1200	1300	1400	1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	4	4	3	4	3	4	5	5	4
DAYS TSTMS	1	1	#	3	4	5	7	7	7	4	2	2	1	41
DAYS FOG LT 7	1	11	11	13	9	10	8	8	11	11	11	12	13	125
DAYS BNBD LT 7	1	#	0	0	#	#	#	#	0	0	0	0	0	1

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(O'HARE ARFF, IL)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 84, PERIOD OF RECORD RANGING FROM 10-37 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	35	32	22	16	11	8	13	14	17	32	41	23
03-05 LST	35	38	34	23	18	13	13	18	17	20	34	41	25
06-08 LST	38	39	37	27	23	18	19	26	26	25	37	43	30
09-11 LST	36	38	39	29	24	16	18	21	25	26	39	43	29
12-14 LST	36	36	37	29	19	13	14	16	18	22	38	42	27
15-17 LST	38	36	33	24	15	9	10	13	14	18	36	40	24
18-20 LST	37	32	30	22	14	8	8	12	11	16	31	40	22
21-23 LST	37	34	31	21	13	8	6	10	12	17	31	41	22
ALL HOURS	37	36	34	24	18	12	12	16	17	20	35	41	25

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	20	21	14	11	7	6	8	10	12	18	26	15
03-05 LST	24	24	22	16	14	11	10	14	11	14	22	28	17
06-08 LST	24	28	25	20	18	13	16	22	20	18	25	30	22
09-11 LST	25	29	25	17	14	9	11	13	13	15	25	30	19
12-14 LST	23	23	19	14	10	6	5	7	7	11	22	27	15
15-17 LST	23	21	17	11	9	4	5	7	8	11	19	25	13
18-20 LST	24	20	18	13	10	5	5	8	7	10	17	23	13
21-23 LST	25	19	18	14	10	5	4	7	7	10	16	24	13
ALL HOURS	24	23	21	15	12	7	8	11	10	13	21	27	16

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	13	10	7	4	3	5	6	7	12	16	9
03-05 LST	15	16	14	11	9	7	5	8	8	9	13	19	11
06-08 LST	15	20	16	14	11	8	9	13	12	12	16	21	14
09-11 LST	17	18	15	11	9	4	4	5	6	9	16	22	11
12-14 LST	14	15	13	8	6	3	2	3	3	7	12	19	9
15-17 LST	14	14	13	7	6	2	2	3	5	6	11	15	8
18-20 LST	15	13	13	8	7	3	2	4	4	6	10	14	8
21-23 LST	17	12	12	9	7	3	2	4	4	6	11	16	9
ALL HOURS	15	15	14	10	8	4	4	5	6	8	12	18	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	3	2	2	1	#	#	1	#	2	2	1
03-05 LST	2	3	3	2	2	1	1	1	1	1	2	3	2
06-08 LST	2	4	3	2	2	1	#	1	1	2	2	3	2
09-11 LST	2	3	2	1	#	#	#	#	#	#	1	3	1
12-14 LST	2	2	1	1	#	#	#	0	0	0	1	3	1
15-17 LST	2	2	1	1	#	0	#	0	#	#	1	2	1
18-20 LST	2	2	2	1	1	#	0	#	#	#	#	2	1
21-23 LST	2	2	2	1	2	#	0	0	#	#	1	1	1
ALL HOURS	2	2	2	1	1	#	#	#	1	1	1	2	1

(O'HARE ARFF, IL)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MO[illegible]/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS
2. AWS CLIMATIC BRIEF, OCT 84, PERIOD OF RECORD RANGING FROM 10-37 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	35	32	22	16	11	8	13	14	17	32	41	23
03-05 LST	35	38	34	23	18	13	13	18	17	20	34	41	25
06-08 LST	38	39	37	27	23	18	19	26	26	25	37	43	30
09-11 LST	36	38	39	29	24	16	18	21	25	26	39	43	29
12-14 LST	36	36	37	29	19	13	14	16	18	22	38	42	27
15-17 LST	38	36	33	24	15	9	10	13	14	18	36	40	24
18-20 LST	37	32	30	22	14	8	8	12	11	16	31	40	22
21-23 LST	37	34	31	21	13	8	6	10	12	17	31	41	22
ALL HOURS	37	36	34	24	18	12	12	16	17	20	35	41	25

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	20	21	14	11	7	6	8	10	12	18	26	15
03-05 LST	24	24	22	16	14	11	10	14	11	14	22	28	17
06-08 LST	24	28	25	20	18	13	16	22	20	18	25	30	2
09-11 LST	25	29	25	17	14	9	11	13	13	15	25	30	19
12-14 LST	23	23	19	14	10	6	5	7	7	11	22	27	15
15-17 LST	23	21	17	11	9	4	5	7	8	11	19	25	13
18-20 LST	24	20	18	13	10	5	5	8	7	10	17	23	13
21-23 LST	25	19	18	14	10	5	4	7	7	10	16	24	13
ALL HOURS	24	23	21	15	12	7	8	11	10	13	21	27	16

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	13	10	7	4	3	5	6	7	12	16	9
03-05 LST	15	16	14	11	9	7	5	8	8	9	13	19	11
06-08 LST	15	20	16	14	11	8	9	13	12	12	16	21	14
09-11 LST	17	18	15	11	9	4	4	5	6	9	16	22	11
12-14 LST	14	15	13	8	6	3	2	3	3	7	12	19	9
15-17 LST	14	14	13	7	6	2	2	3	5	6	11	15	8
18-20 LST	15	13	13	8	7	3	2	4	4	6	10	14	8
21-23 LST	17	12	12	9	7	3	2	4	4	6	11	16	9
ALL HOURS	15	15	14	10	8	4	4	5	6	8	12	18	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	3	2	2	1	#	#	1	#	2	2	1
03-05 LST	2	3	3	2	2	1	1	1	1	1	2	3	2
06-08 LST	2	4	3	2	2	1	#	1	1	2	2	3	2
09-11 LST	2	3	2	1	#	#	#	#	#	#	1	3	1
12-14 LST	2	2	1	1	#	#	#	0	0	0	1	3	1
15-17 LST	2	2	1	1	#	0	#	0	#	#	1	2	1
18-20 LST	2	2	2	1	1	#	0	#	#	#	#	2	1
21-23 LST	2	2	2	1	2	#	0	0	#	#	1	1	1
ALL HOURS	2	2	2	1	1	#	#	#	1	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: O'HARE ARFF, IL | STATION #: 725300 | ICAO: ORD
LOCATION: 4159N 8754W | ELEVATION (FEET): 673 | LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	65	71	87	91	93	103	102	103	99	91	78	71	103
MEAN DAILY MAX	1	30	34	47	59	70	80	85	82	74	62	49	34	59
MEAN	1	22	26	38	49	59	69	74	72	65	52	41	27	50
MEAN DAILY MIN	1	15	19	30	39	49	59	65	63	55	43	33	20	41
EXTREME MIN	1	-26	-17	-8	7	24	36	40	41	28	16	-10	-25	-26
# DAYS GE 90	1	0	0	0	#	1	3	8	4	1	#	0	0	18
# DAYS LE 32	1	28	24	18	6	1	0	0	0	#	4	14	26	120
# DAYS LE 0	1	6	3	#	0	0	0	0	0	0	0	#	2	11
2. PRECIPITATION (INCHES)														
MAXIMUM	2	4.3	2.7	5.9	7.7	7.1	7.9	9.0	8.5	11.4	9.6	7.0	8.6	*
MEAN	2	1.7	1.3	2.7	3.7	3.2	4.1	3.8	3.3	3.2	2.3	2.3	2.5	34.1
MINIMUM	2	0.1	0.1	0.6	1.0	0.4	1.4	1.1	0.4	#	0.1	0.7	0.2	*
MAX 24 HR	2	2.0	1.5	1.6	2.4	3.5	3.5	6.6	3.5	2.9	4.3	2.5	4.5	6.6
# DAYS W/PRECIP	1	18	16	17	16	15	13	12	13	12	12	13	16	173
# DAYS GE 0.5	2	1	1	2	2	2	3	2	2	2	1	1	1	20
3. SNOWFALL (INCHES)														
MEAN	2	10	7	7	2	#	0	0	0	#	#	2	10	38
MAXIMUM	2	34	22	25	11	2	0	0	0	#	7	11	43	*
MAX 24 HR	2	15	10	9	11	2	0	0	0	#	4	5	10	15
# DAYS W/SNOW	1	15	12	9	4	#	0	0	0	0	1	6	14	61
# DAYS GE 1.5	2	2	2	1	#	#	0	0	0	0	#	1	2	8
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	76	78	78	77	79	80	83	85	84	80	79	79	80
RH (15 LST)	1	64	63	58	52	50	51	51	54	53	52	60	66	56
VAPOR PRESS	1	.10	.12	.17	.23	.34	.47	.59	.58	.44	.28	.20	.13	.30
DEWPOINT	1	15	18	28	36	46	56	62	62	54	41	32	20	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	S	S	S	S	S	S	S	S	S	W	S
MEAN SPEED (PVLG DRCTN)	1	11	10	11	11	10	9	8	8	8	9	10	10	10
MEAN SPEED (ALL OBS)	1	10	10	11	10	9	8	7	7	8	9	10	10	9
MAX PEAK GUST	1	48	45	45	60	48	55	'66	56	40	40	44	56	66
PRESSURE ALT	2	1400	1400	1400	1400	1150	1150	950	950	1050	1200	1300	1400	1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	4	4	3	4	3	4	5	5	4
DAYS TSTMS	1	1	#	3	4	5	7	7	7	4	2	2	1	41
DAYS FOG LT 7	1	11	11	13	9	10	8	8	11	11	11	12	13	125
DAYS BNBD LT 7	1	#	0	0	#	#	#	#	0	0	0	0	0	1

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

PREPARED BY: USAFETAC
OCTOBER 1984

STATION NAME : CHICAGO O' HARE IAP IL
LOCATION : N41 59 W087 54

PERIOD : OCT 46-DEC 83
ELEV : 667 FT

STN LTRS: KORD
WBAN NO: 725300

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.9%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 05
JAN	29	14	22	65	-26	1.7	4.3	.1	2.0	10	36	15	76	66	.08	12	1400	W	10	49	7	10	1	8	2	8	10	0	0	29	4
FEB	33	18	26	71	-17	1.3	2.7	.1	1.5	7	22	10	77	65	.10	18	1400	W	10	47	7	9	1	6	2	8	9	0	0	25	5
MAR	44	27	36	87	-8	2.7	5.9	.6	1.6	7	25	9	78	61	.15	28	1400	W	11	43	7	12	2	5	1	2	11	0	0	22	1
APR	58	38	48	91	7	3.7	7.7	1.0	2.9	2	11	11	73	55	.21	36	1400	S	11	40	7	12	2	1	0	5	10	0	1	0	0
MAY	69	47	59	93	24	3.2	7.1	.4	3.5	0	2	2	72	53	.32	47	1150	S	9	50	6	11	2	0	0	5	9	1	0	1	0
JUN	79	57	68	100	36	4.1	7.9	3.4	3.5	0	0	0	73	54	.44	55	1150	S	8	55	6	10	3	0	0	7	9	3	15	0	0
JUL	83	65	73	102	40	3.8	9.0	1.1	6.6	0	0	0	75	55	.56	57	950	S	7	46	5	10	2	0	0	7	10	0	22	0	0
AUG	82	62	72	99R	41	3.3	8.5	.4	3.5	0	0	0R	80	56	.56	57	950	S	7	47	6	8	2	0	0	6	12	5	20	0	0
SEP	75	53	64	99	28	3.2	11.4	.8	2.9	0	0	0	81	55	.40	51	1050	S	8	44	5	9	2	0	0	4	11	2	9	0	0
OCT	64	43	54	91	17	2.3	4.6	.1	4.3	0	7	4	78	52	.25	41	1200	S	9	50	6	8	1	0	0	3	11	0	3	0	0
NOV	48	31	40	78	-10	2.3	7.0	.7	2.5	2	11	5	79	63	.16	32	1300	S	10	46	7	10	1	2	1	1	11	0	0	17	0
DEC	35	20	27	71	-25	2.5	8.6	.2	4.8	10	43	10	78	69	.11	20	1400	W	10	54	7	11	1	7	2	1	12	0	0	27	4
ANN	58	39	49	102	-26	34.1	11.4	.8	6.6	38	43	15	77	59	.29	39	1250	S	9	46	6	120	20	29	6	39	126	17	76	139	19
YR	37	37	37	37	37	37	37	37	37	37	37	37	10	10	10	10	10	10	10	21	10	37	37	37	37	37	37	37	37	37	37

REMARKS

RUSHNO FOR:
HOURLY OBS: JAN 74 - DEC 83
SUMMARY OF DAY DATA: OCT 46 - DEC 83

NOTE: * DATA NOT AVAILABLE # ASTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S % CALM CASES & PVLG DIRCTN # BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	40	36	34	24	16	11	8	12	13	18	33	41	24	
	03-05	38	37	36	24	18	14	12	17	16	18	33	43	26	
	06-08	40	40	38	28	23	19	16	23	25	21	37	44	30	
	09-11	40	38	39	31	22	16	16	20	23	23	39	43	29	
	12-14	40	35	36	30	17	11	12	14	17	18	37	45	26	
	15-17	42	35	32	25	14	9	8	11	12	15	36	42	23	
	18-20	40	31	30	22	13	8	6	11	11	13	31	42	22	
	21-23	40	35	32	21	16	9	6	11	12	16	34	42	23	
	ALL HRS	40	36	35	26	17	12	10	15	16	18	35	43	25	18
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	26	26	19	13	11	7	5	8	8	9	18	25	14	
	03-05	23	19	21	13	14	10	7	11	8	12	20	28	16	
	06-08	25	27	24	17	16	13	11	19	17	14	21	29	19	
	09-11	28	26	22	16	12	7	7	10	10	10	23	29	17	
	12-14	25	20	15	13	8	4	4	5	5	7	19	25	13	
	15-17	23	18	15	11	8	3	2	4	6	7	18	22	11	
	18-20	22	16	16	12	10	4	3	5	7	6	15	22	12	
	21-23	25	15	15	13	10	5	3	5	8	8	16	23	12	
	ALL HRS	24	20	18	14	11	7	5	8	9	9	19	25	14	18
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	16	10	13	9	7	4	4	5	5	5	12	16	9	
	03-05	15	12	14	9	9	6	5	7	6	7	13	19	10	
	06-08	15	17	15	11	11	7	5	10	10	10	15	19	12	
	09-11	17	15	13	11	8	4	3	4	4	6	13	21	10	
	12-14	14	13	10	7	5	2	1	3	2	3	9	16	7	
	15-17	13	11	11	8	5	2	1	2	4	3	7	12	7	
	18-20	14	8	10	9	6	3	1	3	5	4	8	13	7	
	21-23	16	10	12	8	8	3	2	3	5	4	10	15	8	
	ALL HRS	15	12	12	9	7	4	3	5	5	5	11	16	9	18
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	1	1	2	1	0	0	0	0	1	1	1	
	03-05	1	2	2	1	2	0	0	1	1	1	0	1	1	
	06-08	1	3	1	1	1	0	0	0	1	1	1	1	1	
	09-11	1	1	1	0	0	0	0	0	0	0	1	2	1	
	12-14	1	1	0	0	0	0	0	0	0	0	1	1	0	
	15-17	1	0	0	1	0	0	0	0	0	0	0	1	0	
	18-20	0	1	1	0	0	0	0	0	0	0	0	0	0	
	21-23	1	1	1	1	2	0	0	0	0	0	0	0	1	
	ALL HRS	1	1	1	1	1	0	0	0	0	0	1	1	1	18

A W S	STATION NAME: SCOTT AFB IL	FIELD ELEV: 453 FT
	LATITUDE/LONGITUDE: 38 33 N 089 51 W	STATION MSC: 724338
CLIMATIC BRIEF	HOURLY OBS POR: DEC 79 - NOV 89	CALL SIGN: KBLV
	SUMMARY OF DAY POR: JAN 38 - NOV 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: FEB 86
JUN 90	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
EXTRM MAX TEMP (F)	75	81	87	93	97	104	110	104	103	95	84	75	110
MEAN MAX TEMP (F)	38	43	54	66	76	85	89	87	80	69	54	42	65
MEAN TEMP (F)	30	35	44	56	65	75	78	77	69	58	45	35	56
MEAN MIN TEMP (F)	22	26	35	46	55	64	68	66	58	47	36	27	46
EXTRM MIN TEMP (F)	-19	-11	-3	22	29	44	48	44	27	24	4	-7	-19
D/W TEMP GE 90 (F)	0	0	0	#	1	8	14	11	4	1	0	0	39
D/W TEMP GE 80 (F)	0	#	1	4	11	23	29	27	16	6	1	0	118
D/W TEMP LT 33 (F)	26	21	14	2	#	0	0	0	#	1	12	22	98
D/W TEMP LT 10 (F)	5	2	1	0	0	0	0	0	0	0	#	2	10
HEATING DEGREE DAYS	1065	851	645	287	88	5	#	1	44	236	586	919	4727
COOLING DEGREE DAYS	#	#	3	29	109	307	424	368	176	36	2	#	1454
MEAN DEWPOINT TEMP (F)	21	24	33	42	53	62	68	65	57	45	36	26	44
MEAN WET BULB TEMP (F)	28	30	40	49	59	67	71	69	62	51	42	32	50
99.95% WCPA (FT)	1000	1050	1100	1050	850	750	650	700	750	800	1050	1050	950
MEAN REL HUM 07 LST(%)	71.7	74.6	74.0	69.5	73.0	75.0	78.3	79.9	79.6	77.9	75.6	74.1	75.3
MEAN REL HUM 13 LST(%)	57.4	59.4	55.7	49.4	51.6	52.5	54.8	53.7	51.9	52.5	58.6	61.4	54.9
MAX 24HR PRECIP (IN)	3.58	3.46	2.49	2.94	3.47	8.15	5.49	9.22	3.62	3.97	6.67	3.22	9.22
MAX PRECIP (IN)	8.88	8.00	9.96	9.43	9.86	17.16	11.56	21.05	9.46	8.07	10.01	9.05	57.65
MEAN PRECIP (IN)	2.12	2.39	3.55	3.77	3.86	4.17	3.81	3.75	3.30	2.88	3.28	2.99	40.27
MIN PRECIP (IN)	.12	.31	#	1.06	1.43	.88	.40	.07	.10	.11	.34	.09	20.55
D/W PRECIP GE .01 (IN)	8	8	11	11	10	9	8	7	7	8	9	9	105
D/W PRECIP GT .50 (IN)	1	2	3	3	3	3	2	2	2	2	2	2	27
MAX 24HR SNFL (IN)	12.0	12.1	7.3	9.5	0	0	0	0	0	.2	10.3	13.6	13.6
MAX SNFL (IN)	23.2	14.0	20.4	17.3	0	0	0	0	0	.2	12.7	23.1	34.3
MEAN SNFL (IN)	5.4	3.9	3.4	.6	0	0	0	0	0	0	1.4	3.1	18.2
D/W SNFL GE .1 (IN)	4	3	2	1	0	0	0	0	0	#	1	2	13
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5
MAX DLY SNO DEPTH (IN)	16	18	16	11	0	0	0	0	0	0	20	13	20
PRVLNG WND DIR (DEG)	$29-31	$32-34	$17-19	$17-19	$17-19	$17-19	$17-19	$17-19	$17-19	$17-19	$17-19	17-19	$17-19
MEAN WND SPD (KTS)	6	6	7	6	5	4	3	3	4	4	6	6	5
MAX WND SPD (KTS)	55	68	66	65	75	62	61	52	49	54	56	51	75
SKY COVER GT 5/10 (%)	58.7	61.5	60.8	53.5	52.4	50.1	40.8	38.8	42.5	50.7	57.5	61.6	52.3
D/W THUNDERSTORMS	1	1	3	6	7	8	8	7	4	3	2	1	51
D/W FOG (VSBY LT 7 MI)	13	13	14	11	14	12	16	18	16	14	13	14	168

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
00 - 02	26.0	31.3	21.7	13.6	11.2	6.7	4.9	4.8	8.0	17.3	28.4	31.7	17.1	10
03 - 05	28.7	35.6	24.0	17.0	16.3	14.0	12.8	14.0	11.2	20.9	30.2	31.7	21.4	10
CIG 06 - 08	31.7	39.2	29.0	19.7	19.7	15.3	17.5	21.3	16.7	24.6	31.9	33.7	25.0	10
LT 3000 FT 09 - 11	30.9	36.9	28.4	21.1	16.5	9.0	9.4	10.8	12.0	22.7	30.2	34.0	21.8	10
AND/OR 12 - 14	31.0	30.6	30.2	18.6	13.0	6.6	6.1	5.7	10.8	19.4	28.0	30.8	19.2	10
VSBY 15 - 17	27.4	28.6	25.5	14.1	10.6	4.6	4.0	4.1	7.0	16.5	27.1	29.7	16.6	10
LT 3 MI 18 - 20	24.7	27.4	22.4	12.4	9.0	4.4	2.2	4.2	5.3	15.7	27.1	30.9	15.5	10
21 - 23	25.6	27.0	21.1	12.3	9.0	4.0	2.5	3.7	5.2	15.4	27.4	32.3	15.5	10
ALL	28.3	32.1	25.3	16.1	13.2	8.1	7.4	8.6	9.5	19.0	28.8	31.8	19.0	10
00 - 02	15.4	18.7	13.5	8.3	6.9	5.2	3.5	4.4	5.2	11.8	16.7	19.9	10.8	10
03 - 05	4.6	24.4	15.2	9.4	11.7	11.2	11.0	12.6	8.8	14.8	17.9	0.9	14.4	10
CIG 06 - 08	17.7	28.4	18.9	10.8	14.8	12.6	16.2	19.6	14.3	20.0	22.0	22.0	18.1	10
LT 1500 FT 09 - 11	15.9	25.8	17.2	8.2	7.2	4.4	4.5	7.3	6.4	17.6	19.8	21.3	13.0	10
AND/OR 12 - 14	15.8	17.8	14.7	6.3	3.9	2.7	1.2	2.3	4.2	11.7	17.9	19.9	9.9	10
VSBY 15 - 17	15.5	14.0	12.4	4.1	4.3	2.3	1.3	1.5	2.9	7.1	15.1	18.4	8.2	10
LT 3 MI 18 - 20	12.9	14.1	11.8	6.0	5.1	2.2	1.3	2.9	2.0	7.2	15.2	18.5	8.3	10
21 - 23	15.1	14.3	12.0	6.1	5.7	2.2	1.2	3.1	2.6	9.8	14.4	19.9	8.9	10
ALL	15.4	19.7	14.5	7.4	7.4	5.4	5.0	6.7	5.8	12.5	17.4	20.1	11.4	10
00 - 02	10.3	12.8	8.4	4.3	4.4	2.0	1.7	2.5	2.7	7.2	12.4	14.5	6.9	10
03 - 05	10.8	18.3	11.3	5.6	7.6	6.0	5.4	6.9	5.1	10.1	13.4	14.3	9.6	10
CIG 06 - 08	12.4	21.1	13.3	6.6	7.7	5.2	7.3	9.5	7.4	13.7	15.3	15.1	11.2	10
LT 1000 FT 09 - 11	10.8	18.6	12.3	5.4	3.1	2.1	1.7	2.9	2.3	11.7	13.3	14.6	8.2	10
AND/OR 12 - 14	9.8	11.5	8.2	3.8	1.7	1.6	.4	.2	2.2	6.9	10.7	13.0	5.8	10
VSBY 15 - 17	10.6	10.2	8.9	1.8	2.2	.9	.8	.3	1.2	3.8	9.6	12.2	5.2	10
LT 2 MI 18 - 20	9.9	11.0	7.5	3.1	2.5	1.1	.5	1.7	1.1	4.3	9.8	13.5	5.5	10
21 - 23	9.6	10.7	7.4	3.1	2.4	.9	.2	1.4	1.6	5.8	11.3	13.9	5.7	10
ALL	10.5	14.3	9.7	4.2	4.0	2.5	2.3	3.2	3.0	7.9	12.0	13.9	7.2	10
00 - 02	1.3	3.7	.6	.9	.8	.1	.4	.2	.1	1.3	1.8	1.2	1.0	10
03 - 05	1.7	3.5	1.1	1.0	1.5	1.1	.6	.8	.8	1.9	1.8	1.9	1.5	10
CIG 06 - 08	2.5	5.4	1.4	1.0	.6	.9	.4	1.1	1.2	2.6	2.0	1.9	1.7	10
LT 200 FT 09 - 11	1.1	4.0	.5	.0	.0	.0	.0	.0	.0	.2	.8	1.7	.7	10
AND/OR 12 - 14	1.2	1.8	.3	.1	.0	.1	.0	.0	.0	.0	.3	.4	.3	10
VSBY 15 - 17	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	.3	10
LT 1/2 MI 18 - 20	.4	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	10
21 - 23	.5	3.7	.1	.3	.2	.0	.0	.0	.1	.6	1.1	.9	.6	10
ALL	1.2	3.2	.5	.4	.4	.3	.2	.3	.3	.8	1.1	1.1	.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : NONE

REMARKS : NONE

AWS CLIMATIC BRIEF

BAKALAR MUNI/COLUMBUS, INDIANA — PERIOD 1943-70s — WBAN # 13803 — WMO # 72436

Prepared by ETAC (MAR 1971) — N 39 16 W 85 54 — ELEVATION 666 ft — STN LTRS KBAK

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS											MEAN CLDS (Tenths)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (Max) SPEED (*Wind)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	73	40	24	-19	4.5	2.8	5	5	S	8	33	83	69	24	.13	1200	12	3	5	1	2	14	0	0	26	1	7
FEB	71	44	26	-18	3.0	2.3	2	6	S	8	47	82	65	26	.14	1300	9	2	1	#	1	13	0	0	21	1	6
MAR	82	51	31	5	3.7	4.2	4	6	S	9	40	82	60	32	.18	1250	11	2	3	1	2	12	0	#	19	0	7
APR	89	64	42	21	3.9	1.9	#	2	S	9	40	83	55	42	.27	1250	12	3	#	#	5	11	0	4	5	0	6
MAY	93	75	53	32	5.2	5.3	#	#	S	7	33	87	55	53	.40	1050	11	4	0	0	3	11	1	10	#	0	6
JUN	100	83	62	41	3.5	3.3	0	0	S	6	40	90	55	62	.56	1000	9	2	0	0	8	13	7	22	0	0	5
JUL	107	87	66	51	3.3	4.7	0	0	S	5	33	90	55	65	.62	900	9	3	0	0	9	16	9	29	0	0	5
AUG	100	86	63	46	2.9	2.7	0	0	S	5	33	91	54	64	.60	900	8	2	0	0	5	13	9	27	0	0	5
SEP	103	79	54	33	2.8	2.1	0	0	S	6	27	90	52	56	.45	950	7	2	0	0	4	14	4	13	0	0	4
OCT	91	69	44	19	1.8	1.7	#	#	S	6	40	88	51	45	.30	1050	6	1	0	0	1	15	1	5	3	0	4
NOV	82	52	32	-4	3.4	1.6	3	7	S	8	40	83	61	34	.20	1200	10	2	2	1	1	11	0	#	17	#	6
DEC	71	42	25	-8	3.5	2.0	4	5	S	8	33	82	69	26	.14	1250	10	3	3	1	1	13	0	0	24	1	7
ANN	107	64	43	-19	41.4	5.3	18	7	S	7	47	86	58	44	29	1150	114	29	14	4	47	161	31	110	115	3	6
EYR	23	12	12	23	18	17	11	11	23	23	23	23	23	23	23	19	18	18	11	11	11	11	12	12	12	12	21

REMARKS * Refers to highest hourly wind speed class interval.

RUSSIAN POR: Hrly Obs: May 43 - Jun 45, Jul 49 - Jan 70
Daily Obs: Jul 49 - Aug 59, Oct 59 - Jun 65, Aug 65, Oct 65 - Jan 69

NOTE; #DATA NOT AVAILABLE. @LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	45	33	25	21	16	12	8	7	14	16	24	36	21	13
	03 - 05	46	36	29	25	22	20	20	18	23	25	30	37	28	13
	06 - 08	49	45	37	26	21	16	17	21	24	30	40	45	31	23
	09 - 11	45	39	36	26	22	16	14	16	19	18	31	40	27	23
	12 - 14	41	36	34	24	18	13	12	12	16	15	28	37	24	23
	15 - 17	37	34	31	20	14	9	7	6	9	12	25	36	20	23
	18 - 20	36	29	26	16	11	5	4	4	6	11	22	35	17	23
	21 - 23	37	29	22	15	11	7	3	3	9	11	22	36	17	23
	ALL HOURS	41	35	30	21	17	11	10	10	14	16	27	39	22	
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	30	22	15	11	9	6	6	4	11	13	15	24	14	13
	03 - 05	33	22	18	15	15	14	17	16	21	20	19	25	20	13
	06 - 08	40	33	28	17	14	11	14	16	21	26	29	33	24	23
	09 - 11	36	28	24	15	12	8	7	10	12	12	20	29	18	23
	12 - 14	27	22	27	11	8	3	3	4	6	7	16	23	13	23
	15 - 17	24	20	16	9	5	2	2	2	4	5	13	23	10	23
	18 - 20	22	18	14	7	5	2	1	2	4	6	11	21	9	23
	21 - 23	23	18	12	7	6	2	2	2	6	7	11	20	10	23
	ALL HOURS	28	23	18	11	9	6	6	7	10	11	16	24	14	
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	20	14	9	5	5	4	4	3	8	8	8	15	9	13
	03 - 05	23	14	11	7	9	9	12	11	14	14	10	16	13	13
	06 - 08	27	22	15	9	9	6	9	11	14	17	19	22	15	23
	09 - 11	23	19	13	8	7	4	4	5	7	7	13	18	11	23
	12 - 14	17	15	10	6	3	1	1	2	3	4	10	15	7	23
	15 - 17	17	15	10	5	2	1	1	1	2	3	7	14	7	23
	18 - 20	15	13	9	3	3	1	#	1	2	3	6	13	6	23
	21 - 23	16	12	8	3	2	2	1	1	3	4	7	12	6	23
	ALL HOURS	19	16	11	6	5	3	4	4	6	7	10	16	9	
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	3	4	1	#	#	1	1	1	3	2	1	4	2	13
	03 - 05	4	4	1	1	1	1	2	2	3	4	2	4	2	13
	06 - 08	4	3	1	#	#	#	1	2	2	3	2	4	2	23
	09 - 11	2	2	1	#	0	#	0	0	#	1	1	2	1	23
	12 - 14	1	1	1	0	0	0	#	0	#	0	1	1	#	23
	15 - 17	2	1	#	#	0	0	0	0	0	0	1	1	#	23
	18 - 20	2	1	1	#	0	#	0	0	0	#	1	2	1	23
	21 - 23	3	2	1	#	#	#	0	#	#	1	1	3	1	23
	ALL HOURS	3	2	1	#	#	#	#	1	1	1	1	2	1	

A W S CLIMATIC BRIEF October 1987	Station Name: FORT WAYNE MAP/BAER FLD IN Latitude/Longitude: N40 59 W085 11 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 48 to May 87 LST = GMT -5	Field Elev: 815 ft Station MSC: 725330 Call Sign: KFWA Supersedes: Mar 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	69	69	82	88	92	100	103	101	100	90	79	71	103	39
MEAN MAX TEMP °F	31	35	46	60	71	81	84	82	76	64	48	36	60	39
MEAN TEMP °F	24	27	37	50	60	70	74	72	65	54	41	29	50	39
MEAN MIN TEMP °F	16	19	28	39	49	59	63	61	53	43	32	22	40	39
XTRM MIN TEMP °F	-22	-18	-10	7	27	38	44	38	29	20	-1	-16	-22	39
D/W TEMP ≥ 90°F	0	0	0	0	#	4	6	4	2	#	0	0	16	39
D/W TEMP ≥ 85°F	0	0	0	#	3	10	15	12	5	#	0	0	45	39
D/W TEMP ≤ 32°F	29	25	21	8	1	0	0	0	#	5	17	26	132	39
D/W TEMP ≤ 10°F	9	6	1	#	0	0	0	0	0	0	#	5	21	39
VPR PRESS ("Hg)	.09	.10	.15	.22	.34	.45	.58	.56	.45	.28	.20	.13	.26	10
MEAN DEWPOINT °F	15	18	28	37	48	56	63	62	56	43	34	24	41	10
99.95% WCPA Ft	1500	1450	1500	1450	1300	1200	1100	1050	1150	1250	1400	1500	1350	10
MEAN RH 07 LST %	79	81	79	77	77	78	83	88	87	84	83	81	81	10
MEAN RH 13 LST %	72	71	63	57	54	54	56	61	58	61	70	75	63	10
MAX 24HR PRECIP "	2.4	1.5	2.1	2.6	2.7	3.2	2.6	3.9	3.5	2.5	2.1	2.1	3.	39
MAX PRECIP "	9.7	4.4	5.3	7.1	6.9	8.3	1.0	7.7	6.8	9.3	5.8	5.5	11.	39
MEAN PRECIP "	2.3	2.1	2.9	3.5	3.5	3.8	3.5	3.2	2.6	2.6	2.8	2.6	35.4	39
MIN PRECIP "	.4	.3	.7	1.3	1.0	1.2	.4	.4	.3	.1	.6	.4	.1	39
D/W PRECIP ≥ .01"	12	10	13	13	12	10	10	9	9	8	11	13	131	39
D/W PRECIP ≥ .5"	1	1	2	2	2	3	2	2	2	1	2	2	23	39
MAX 24HR SNFL "	11	8	13	5	#	0	0	0	0	1	6	11	13	39
MAX SNFL "	30	17	20	12	#	0	0	0	0	1	14	20	30	39
MEAN SNFL "	9	8	5	2	#	0	0	0	0	#	3	7	34	39
D/W SNFL ≥ .1"	9	7	5	2	0	0	0	0	0	#	3	7	33	39
D/W SNFL ≥ 1.5"	2	2	1	#	0	0	0	0	0	0	1	2	8	39
MEAN WND DRCTN	W	W	W	W	E	SW	SW	SW	SW	W	W	W	[illegible]	0
MEAN WND SPD Kts	10	8	10	10	8	8	7	6	7	8	9	10	[illegible]	0
MAX WND SPD** Kts	60	47	46	53	51	56	58	51	46	45	47	47	60	14
MEAN CLD CVR 10th	8	7	7	7	6	6	5	6	6	6	7	8	7	10
D/W TSTORMS	#	1	3	4	5	7	7	6	4	2	1	#	40	39
D/W FOG VSBY <7mi	13	12	13	11	11	9	12	17	14	14	13	15	154	39

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean directi
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	JUN	JUL	AUG	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/0	0/0	0/0
Within 240NM	0/1	0/0	0/1	0/2

A W S CLIMATIC BRIEF October 1987	Station Name: FORT WAYNE MAP/BARR FLD IN Latitude/Longitude: N40 59 W085 11 Hourly Obs POR: Jun 77 to May 77 Summary of Day POR: Jan 48 to May 87 LST = GMT -5	Field Elev: 815 ft Station MSC: 725330 Call Sign: KFWA Supersedes: Mar 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	51	39	35	21	19	11	11	12	14	22	37	51	27	
	03-05	50	42	36	25	24	14	18	21	20	26	38	53	31	
CIG/VSBY	06-08	52	48	36	33	29	21	31	46	33	33	46	57	39	
	09-11	51	51	37	32	30	20	22	33	29	36	49	57	37	
LESS THAN	12-14	47	44	39	34	26	16	20	23	21	31	44	56	33	
	15-17	48	41	37	29	19	12	13	16	12	24	41	53	29	
3000/3	18-20	49	40	34	24	14	10	10	11	11	19	39	51	16	
	21-23	47	38	34	20	15	8	7	9	11	22	38	50	25	
	00-24	49	43	36	27	22	14	17	21	19	27	42	54	31	10
	00-02	30	26	21	11	13	6	7	9	10	14	21	30	17	
	03-05	32	31	23	14	17	10	13	17	14	18	23	33	20	
CIG/VSBY	06-08	33	36	26	22	22	18	28	41	29	24	28	36	29	
	09-11	36	40	25	19	17	15	17	26	22	24	32	42	26	
LESS THAN	12-14	32	31	21	13	12	7	11	11	9	14	25	37	19	
	15-17	28	26	18	11	9	6	8	7	5	11	21	32	15	
1530/3	18-20	26	26	19	12	9	5	6	7	6	9	20	28	14	
	21-23	26	25	19	10	9	4	4	4	6	12	19	27	14	
	00-24	30	30	22	14	14	9	12	15	13	16	24	33	19	10
	00-02	18	20	13	8	9	4	5	4	5	10	13	20	11	
	03-05	20	23	14	10	11	5	8	11	7	13	17	22	13	
CIG/VSBY	06-08	23	25	16	13	13	9	13	23	16	17	19	25	18	
	09-11	23	26	14	10	9	4	7	11	10	14	19	26	14	
LESS THAN	12-14	18	19	11	6	7	2	4	3	4	7	15	27	10	
	15-17	15	16	10	5	5	2	3	1	3	6	13	22	8	
1000/2	18-20	15	17	12	7	5	2	3	1	3	6	12	20	9	
	21-23	16	19	11	6	7	2	2	2	3	7	12	18	9	
	00-24	19	21	13	8	8	4	6	7	6	10	15	23	12	10
	00-02	3	5	1	1	1	1	#	1	1	2	1	3	2	
	03-05	3	7	1	1	2	1	1	3	2	3	2	3	2	
CIG/VSBY	06-08	2	8	1	2	2	1	1	5	4	3	2	4	3	
	09-11	2	8	2	#	#	#	0	#	1	1	1	4	2	
LESS THAN	12-14	1	4	#	0	#	0	0	0	0	0	0	3	1	
	15-17	1	3	#	#	0	0	0	0	0	0	#	2	1	
200/½	18-20	1	2	#	#	0	0	#	#	0	#	#	2	#	
	21-23	2	5	1	#	#	#	0	0	0	#	2	3	1	
	00-24	2	5	1	1	1	#	#	1	1	1	1	3	1	10

A W S CLIMATIC BRIEF October 1987	Station Name: GRISSOM AFB IN Latitude/Longitude: N40 39 W086 09 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Jan 56 to Jul 87 LST = GMT -5	Field Elev: 812 Ft Station MSC: 725335 Call Sign: KGUS Supersedes: Jul 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	65	68	82	86	93	98	105	98	95	87	76	69	105	32
MEAN MAX TEMP °F	30	35	46	60	71	80	84	82	76	64	49	36	59	32
MEAN TEMP °F	23	27	38	50	61	71	74	72	66	54	41	30	51	32
MEAN MIN TEMP °F	16	20	30	40	51	60	65	62	56	44	34	23	42	32
XTRM MIN TEMP °F	-21	-16	-4	11	29	40	44	37	33	20	-1	-16	-21	32
D/W TEMP ≥ 90°F	0	0	0	0	#	3	5	3	1	0	0	0	12	32
D/W TEMP ≥ 85°F	0	0	0	#	3	9	14	10	5	#	0	0	41	32
D/W TEMP ≤ 32°F	29	24	19	6	#	0	0	0	0	3	14	25	120	32
D/W TEMP ≤ 10°F	10	6	1	0	0	0	0	0	0	0	#	4	21	32
VPR PRESS ("Hg)	.09	.11	.16	.24	.35	.49	.62	.58	.45	.29	.20	.13	.27	10
MEAN DEWPOINT °F	16	20	29	39	49	58	65	63	56	44	35	24	42	10
99.95% WCPA Ft	1500	1450	1500	1450	1300	1150	1050	1050	1150	1250	1400	1450	1350	10
MEAN RH 07 LST %	76	77	78	77	76	75	82	85	83	81	81	79	79	10
MEAN RH 13 LST %	71	70	64	59	56	55	60	61	55	60	69	75	63	10
MAX 24HR PRECIP "	1.8	3.6	1.7	2.9	2.9	4.5	3.1	2.6	2.7	2.3	1.9	3.2	4.5	32
MAX PRECIP "	4.5	5.6	5.5	8.4	6.4	14.5	7.5	9.2	7.2	5.7	7.0	9.4	14.5	32
MEAN PRECIP "	1.9	1.9	2.8	3.8	3.7	4.1	3.9	3.6	2.7	2.5	2.8	2.9	36.6	32
MIN PRECIP "	.3	.1	.5	1.0	1.5	1.3	.5	.7	.1	.2	.6	.4	.1	32
D/W PRECIP ≥ .01"	12	10	13	12	12	10	9	9	9	9	11	13	129	32
D/W PRECIP ≥ .5"	1	1	2	3	2	3	2	3	2	2	2	2	25	32
MAX 24HR SNFL "	9	10	5	6	#	0	0	0	#	1	5	12	12	32
MAX SNFL "	22	20	12	12	#	0	0	0	#	1	10	27	27	32
MEAN SNFL "	8	8	4	1	#	0	0	0	#	#	3	8	32	32
D/W SNFL ≥ .1"	8	6	4	1	0	0	0	0	0	#	2	6	27	32
D/W SNFL ≥ 1.5"	2	2	1	#	0	0	0	0	0	0	1	2	8	32
MEAN WND DRCTN	W	W	W	W	$S	$SSW	$SSW	$S	$S	W	W	W	W	10
MEAN WND SPD Kts	9	7	9	9	6	6	5	4	5	6	8	9	7	10
MAX WND SPD** Kts	59	56	54	60	52	52	56	64	50	44	52	56	64	29
MEAN CLD CVR 10th	7	7	7	7	6	6	6	6	5	6	7	8	7	10
D/W TSTORMS	1	1	3	5	6	7	8	6	4	2	1	1	45	32
D/W FOG VSBY <7mi	15	14	15	13	13	12	16	19	16	15	15	17	180	32

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS:

A W S CLIMATIC BRIEF October 1987	Station Name: GRISSOM AFB IN Latitude/Longitude: N40 39 W086 09 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Jan 56 to Jul 87 LST = GMT -5	Elevation: 812 Ft Station MSC: 725335 Call Sign: KGUS Supersedes: Jul 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	40	35	28	15	14	7	8	7	9	16	30	43	21	
	03-05	41	37	31	20	19	11	15	16	14	22	33	45	25	
CIG/VSBY	06-08	43	42	34	25	22	14	24	30	25	28	39	47	31	
	09-11	38	41	33	23	18	12	16	16	19	25	39	48	27	
LESS THAN	12-14	39	38	31	24	16	8	10	8	13	22	36	47	24	
	15-17	39	34	31	20	12	6	6	4	8	17	36	43	21	
3000/3	18-20	39	30	30	18	11	3	5	3	6	16	34	43	20	
	21-23	39	31	29	15	13	5	6	5	7	14	31	44	20	
	00-24	40	36	31	20	16	8	11	11	13	20	35	45	24	10
	00-02	27	25	19	10	10	5	7	5	7	11	19	28	14	
	03-05	30	30	20	14	14	8	13	14	12	16	21	32	19	
CIG/VSBY	06-08	32	33	23	18	17	12	22	28	23	23	26	36	24	
	09-11	30	33	23	14	12	8	12	11	14	18	25	37	20	
LESS THAN	12-14	27	27	20	10	9	4	6	4	6	12	21	32	15	
	15-17	23	22	16	10	6	3	4	2	3	9	19	29	12	
1500/3	18-20	23	21	16	10	6	2	3	1	2	9	18	28	12	
	21-23	25	22	18	9	7	2	5	3	4	9	18	28	13	
	00-24	27	27	19	12	10	6	9	9	9	13	21	31	16	10
	00-02	19	21	12	7	6	3	3	2	4	8	14	21	10	
	03-05	21	24	14	10	9	6	7	6	8	12	15	24	13	
CIG/VSBY	06-08	23	25	17	12	11	7	13	16	15	15	18	26	17	
	09-11	21	26	14	9	8	3	5	7	8	11	18	26	13	
LESS THAN	12-14	19	19	11	6	5	1	2	2	2	8	14	25	10	
	15-17	15	16	10	6	3	2	1	1	1	5	13	22	8	
1000/2	18-20	15	16	10	5	3	1	1	1	1	6	11	20	8	
	21-23	15	18	11	6	4	1	1	1	2	7	14	21	8	
	00-24	19	21	12	8	6	3	4	5	5	9	15	23	11	10
	00-02	3	7	2	1	1	0	1	#	#	1	1	4	2	
	03-05	4	8	2	2	1	#	1	2	1	2	2	4	2	
CIG/VSBY	06-08	4	9	2	3	1	1	1	2	3	3	2	4	3	
	09-11	4	7	1	#	0	#	0	#	1	1	1	4	2	
LESS THAN	12-14	3	4	1	#	#	0	0	0	0	0	0	4	1	
	15-17	2	3	#	#	0	#	0	0	0	0	0	#	3	1
200/½	18-20	2	3	#	#	0	0	0	0	0	0	1	4	1	
	21-23	3	5	1	#	0	0	#	0	#	#	2	4	1	
	00-24	3	6	1	1	#	#	#	1	1	1	1	4	2	10

AWS CLIMATIC BRIEF

DES MOINES MUNI, IOWA — PERIOD: 1931-70 — WBAN # 14933 — WMO # 72546

Prepared by ETAC (JUL 1971) — N 41 32 W 93 40 — ELEVATION: 967 ft — STN LTRS: KDSM

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS									MEAN CLOUD (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FASTEST) SPEED (MILE)	RELATIVE HUMIDITY (%) 0200	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (m mb)	PRESSURE ALTITUDE 99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	62	29	11	-24	1.3	3.0	8	20	NW	10	57	80	70	13	.08	1600	7	#	6	2	#	10	0	0	30	8	6
FEB	68	32	15	-20	1.1	1.3	7	12	NW	11	49	82	69	18	.10	1600	7	#	5	1	#	10	0	0	27	4	5
MAR	83	43	25	-22	2.1	2.4	8	9	NW	12	57	81	63	26	.14	1700	10	2	6	2	2	10	0	#	24	1	7
APR	90	59	38	15	2.5	2.1	1	6	NW	12	66	78	53	37	.22	1650	10	2	1	#	4	9	#	2	9	0	6
MAY	98	71	50	30	4.1	2.8	#	#	SSE	10	61	80	55	48	.34	1500	11	3	#	0	7	8	1	8	#	0	6
JUN	100	81	61	42	4.7	5.5	0	0	S	9	66	84	57	59	.50	1400	11	3	0	0	10	6	4	19	0	0	6
JUL	105	87	65	48	3.1	5.1	0	0	S	8	63	86	55	64	.60	1250	9	2	0	0	8	6	9	26	0	0	5
AUG	102	85	63	40	3.7	3.2	0	0	SSE	8	52	87	57	63	.58	1250	9	2	0	0	7	9	7	22	0	0	5
SEP	99	77	54	31	2.9	4.5	#	#	SSE	9	48	83	54	53	.40	1350	9	2	0	0	5	9	2	10	#	0	4
OCT	95	66	43	18	2.1	2.8	#	2	S	10	49	79	51	42	.27	1450	7	1	#	#	3	4	#	1	#	0	4
NOV	76	47	28	-3	1.8	3.4	2	12	NW	11	63	79	60	29	.16	1650	6	1	2	#	1	7	0	1	20	#	6
DEC	66	34	17	-16	1.1	1.2	6	11	NW	10	53	81	68	19	.11	1650	7	#	5	1	#	10	0	0	29	4	6
ANN	105	59	39	-24	30.5	5.5	32	20	NW	10	66	82	59	39	.24	1550	103	19	25	6	47	100	23	93	143	17	6
EYR	23	30	30	23	30	31	31	31	24	24	20	24	24	24	24	23	31	21	21	21	31	21	23	23	23	21	24

REMARKS

[1] Means and extremes from the HOURLY/WBAS Local Climatological Data Summary 1970.

[2] Annual extremes have been exceeded at other sites in the locality: Max Temp 110 in Jul 1936; Min Temp -30 in Jan 1904.

[3] Fastest mile converted to knots.

MISSING DATA: Hrly Obs: Jan 45-Dec 60. Daily Obs: Jan 45-Dec 60.

NOTE: *DATA NOT AVAILABLE. BLESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	29	29	26	19	14	11	5	7	10	12	21	30	19	
	03 - 05	30	29	29	21	17	14	9	11	13	14	23	32	20	
	06 - 08	33	33	33	26	21	16	12	14	17	[illegible]	[illegible]	33	24	
	09 - 11	33	35	33	27	23	19	14	14	14	18	27	34	26	
	12 - 14	30	33	33	22	20	17	10	11	15	15	24	31	22	
	15 - 17	27	30	29	18	15	11	5	6	10	10	19	29	17	
	18 - 20	26	27	25	16	12	9	4	4	9	10	[illegible]	28	16	
	21 - 23	29	26	27	16	11	8	4	4	8	10	21	29	15	
	ALL HOURS	30	30	29	20	17	13	8	9	13	13	22	32	20	24
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	22	21	18	12	9	7	3	5	7	9	13	19	13	
	03 - 05	22	22	21	14	13	10	6	10	10	9	14	22	15	
	06 - 08	25	26	25	17	15	12	9	12	13	13	18	25	[illegible]	
	09 - 11	26	27	22	14	13	10	7	8	12	11	17	25	16	
	12 - 14	22	22	18	11	8	6	3	4	7	7	13	20	12	
	15 - 17	18	19	15	9	6	5	2	2	5	6	9	17	9	
	18 - 20	18	18	16	9	6	4	2	2	5	6	10	19	10	
	21 - 23	19	19	17	9	7	6	3	3	6	6	11	19	10	
	ALL HOURS	21	22	19	12	10	7	4	6	8	8	13	21	13	24
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	16	15	12	8	6	5	2	4	5	6	8	14	8	
	03 - 05	15	15	15	10	8	7	4	7	7	7	11	16	10	
	06 - 08	17	20	17	12	10	8	6	9	10	8	13	19	12	
	09 - 11	17	18	15	9	6	6	4	5	7	7	12	19	10	
	12 - 14	14	14	11	6	4	4	2	2	4	4	7	14	7	
	15 - 17	12	12	10	6	3	3	1	1	3	4	5	12	6	
	18 - 20	12	12	11	6	4	3	1	1	3	4	5	13	[illegible]	
	21 - 23	15	13	11	7	4	4	2	2	3	4	6	14	[illegible]	
	ALL HOURS	15	15	13	8	6	5	3	4	5	5	9	15	9	24
CIG less than 200 feet and/or VSBY less than ½ mile	00 - 02	3	3	1	1	1	#	#	#	#	1	1	4	1	
	03 - 05	4	4	3	1	2	1	1	1	1	1	1	4	2	
	06 - 08	3	4	2	1	1	1	1	1	1	2	2	4	[illegible]	
	09 - 11	3	2	1	#	1	0	0	0	#	2	2	3	1	
	12 - 14	2	1	1	0	0	0	0	0	#	0	#	1	#	
	15 - 17	1	1	1	0	0	0	0	0	0	0	#	1	#	
	18 - 20	2	1	1	#	#	0	0	0	#	1	1	2	1	
	21 - 23	2	2	1	1	#	#	0	#	#	1	1	3	1	
	ALL HOURS	3	2	1	#	1	#	#	#	#	1	1	3	1	24

AWS CLIMATIC BRIEF

SIOUX CITY MUNI, IOWA — PERIOD: 1931-70 — WBAN # 14943 — WMO # 72557

Prepared by ETAC (OCT 1971) — N 42 24 W 96 23 — FIELD ELEVATION: 1097 ft — STN LTRS: KSUX

MONTH	TEMPERATURE (°F) [1] [3] EXTREME MAXIMUM	[4] MEAN DAILY MAXIMUM	[1] MEAN DAILY MINIMUM	[1] [3] EXTREME MINIMUM	PRECIPITATION (in) [1] MEAN TOTAL	[1] [3] MAXIMUM IN 24 HOURS	[1] MEAN SNOWFALL	[1] [3] MAX SNOWFALL IN 24 HOURS	WIND (KT) [1] PREVAILING DIRECTION	[1] MEAN SPEED	[1] [3] EXTREME (FASTEST) SPEED (MILE)[2]	MEAN [1] RELATIVE HUMIDITY (%) 0400	1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE 99,955 (ft msl)	MEAN NUMBER OF DAYS [1] PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	≥ 80	MINIMUM ≤ 32	≤ 0	MEAN CLOUS (TENTHS)
JAN	61	28	10	-26	0.8	1.1	6	9	NNW	10	49	77	65	9	.07	1750	7	#	6	2	#	9	0	0	31	10	6
FEB	63	32	13	-26	0.9	1.6	6	9	NNW	10	47	80	66	16	.09	1750	7	1	6	1	#	9	0	0	27	5	6
MAR	91	43	24	-22	1.5	1.6	9	9	NNW	11	53	81	63	23	.12	1850	9	1	6	2	1	9	#	#	25	1	6
APR	94	60	38	15	2.3	1.7	1	7	NNW	11	59	76	49	35	.20	1850	10	1	1	#	4	7	#	3	9	0	6
MAY	102	73	50	28	3.2	2.2	#	4	SSE	10	70	79	51	47	.32	1700	11	2	0	0	8	6	2	9	1	0	6
JUN	105	83	60	40	4.3	3.9	0	0	SSE	9	79	83	54	58	.49	1600	12	3	0	0	10	4	6	19	0	0	5
JUL	107	90	65	46	3.1	3.3	0	0	SSE	8	57	86	55	64	.60	1450	9	2	0	0	9	6	11	27	0	0	4
AUG	104	87	63	37	2.7	4.3	0	0	SSE	8	49	87	57	63	.58	1450	9	2	0	0	8	8	8	23	0	0	4
SEP	98	78	53	27	2.7	2.9	#	#	SSE	8	57	83	52	51	.38	1550	8	1	0	0	5	7	3	10	#	0	4
OCT	93	67	41	15	1.4	2.6	#	5	SSE	9	61	78	48	39	.24	1650	6	1	#	#	2	7	#	4	6	0	4
NOV	77	47	26	-9	1.2	3.5	3	11	NW	10	51	77	55	26	.14	1800	5	#	2	1	#	7	0	0	23	#	5
DEC	64	35	15	-19	0.7	1.2	6	9	NW	9	46	79	65	16	.09	1850	7	#	6	1	#	9	0	0	30	5	6
ANN	107	60	38	-26	24.8	4.3	31	11	SSE	9	79	81	57	37	.22	1750	100	14	27	7	47	88	30	95	152	21	5
EYR	23	30	30	23	30	30	30	30	23	30	30	23	23	23	23	23	30	23	23	23	30	23	23	23	23	23	23

REMARKS

[1] Means and extremes included from 1970 NOAA/EDS LCD Annual.

[2] Fastest Mile converted to knots.

[3] Annual extremes exceeded at other sites in locality:
Ext Max Temp: 111°/Jul 1939; Max 24 hr Precip: 5.1"/Jun 1940
Ext Min Temp: -35°/Jan 1912; Max 24 hr Snowfall: 20"/Apr 1913

BUSSAO POR: Hrly and Daily Obs: 4801-7007.

NOTE; -DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	24	27	25	17	13	9	5	7	12	12	19	26	16	-
	03-05	26	28	27	20	17	12	8	12	15	15	22	28	19	-
	06-08	29	29	31	26	21	16	13	16	17	19	24	31	23	-
	09-11	28	31	33	26	22	19	12	15	18	18	24	30	21	-
	12-14	23	29	32	21	18	14	8	10	15	15	21	26	19	-
	15-17	23	27	29	16	12	7	5	6	11	12	18	25	16	-
	18-20	23	25	26	15	11	5	4	4	10	10	16	22	14	-
	21-23	23	25	24	15	11	5	4	5	10	10	15	23	14	-
	ALL HOURS	25	28	28	19	16	11	7	9	13	14	20	26	18	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	17	21	15	12	9	5	3	5	8	8	11	17	11	-
	03-05	18	21	18	13	11	8	6	10	11	10	13	19	13	-
	06-08	22	22	23	16	14	12	10	13	14	13	16	20	16	-
	09-11	22	23	22	15	12	11	6	9	12	12	14	21	15	-
	12-14	16	13	16	10	7	5	2	4	7	7	9	17	10	-
	15-17	15	14	17	8	6	3	1	2	5	5	7	14	8	-
	18-20	14	15	16	9	5	3	1	2	5	5	8	14	8	-
	21-23	17	16	15	10	6	3	2	3	5	6	9	15	9	-
	ALL HOURS	18	19	18	12	9	6	4	6	8	8	11	17	11	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	11	14	11	6	5	2	2	3	4	5	7	11	7	-
	03-05	12	15	11	8	7	4	4	7	7	7	9	13	9	-
	06-08	16	16	15	10	9	7	6	10	9	10	11	14	11	-
	09-11	16	14	13	8	6	6	2	4	6	8	9	13	9	-
	12-14	10	10	11	5	4	2	1	1	3	4	6	9	6	-
	15-17	9	8	10	4	3	1	#	1	2	4	4	7	4	-
	18-20	8	9	9	5	3	1	#	1	3	4	4	8	5	-
	21-23	10	10	9	5	3	2	1	2	3	4	6	9	5	-
	ALL HOURS	11	12	11	7	5	3	2	4	5	6	7	11	7	22
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	2	3	1	#	#	#	#	1	#	1	1	3	1	-
	03-05	2	4	1	1	1	1	1	2	1	2	2	3	2	-
	06-08	4	4	2	1	1	1	1	2	1	3	3	3	2	-
	09-11	3	2	1	#	0	#	0	#	#	1	1	2	1	-
	12-14	1	1	1	#	0	0	0	0	0	0	#	1	#	-
	15-17	1	1	1	#	0	0	0	0	0	#	#	1	#	-
	18-20	1	1	1	#	0	#	0	0	#	#	#	1	#	-
	21-23	1	2	1	#	0	0	0	#	0	#	1	2	1	-
	ALL HOURS	2	2	1	#	#	#	#	1	#	1	1	2	1	22

PREPARED BY: USAFETAC
FEBRUARY 1982

STATION NAME : WATERLOO MAP IA
LOCATION : N42 33 W 92 24

PERIOD: MAR 60-MAY 81
ELEV : 873 FT

STN LTRS: ALO
WBAN NO: 725480

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) 06 LST	13 LST	MEAN STATION PRESSURE (MB)	MEAN DEW PT (°F)	PSBL SUNSHINE (PCT) 99.9%	SURFACE WINDS PVLG DIRCTN (IN PCT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (FSTT) 00	MEAN SKY COVER (TENTHS)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.0	THUNDER STORMS	FOG VSBY ≤ 7/8 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 85	MIN ≤ 32	MIN ≤ 0
JAN	22	4	13	58	-31	.8	1.8	.1	1.5	6	17	13	72	63	.05	6	1600	NW	10	47	6	8	6	7	1	8	0	0	31	10
FEB	29	10	19	66	-29	1.1	3.5	0	1.3	7	24	8	74	63	.07	12	1600	NW	10	45	6	7	3	6	3	8	0	0	27	5
MAR	41	23	32	84	-36	2.2	3.4	.3	1.7	6	16	8	78	61	.13	25	1650	NW	11	48	7	9	2	5	1	1	13	0	0	26	1
APR	58	36	48	100	4	3.7	8.1	1.0	2.7	2	10	6	78	54	.21	36	1550	S	11	46	7	11	5	1	1	4	11	0	0	11	0
MAY	70	47	59	94	25	4.2	7.2	1.5	3.4	0	0	0	79	51	.31	46	1400	S	10	59	6	11	3	0	0	6	9	1	3	2	0
JUN	80	57	69	99	38	4.4	6.6	2.2	4.9	0	0	0	81	51	.45	56	1400	S	9	75	6	10	3	0	0	8	7	3	9	0	0
JUL	83	62	73	100	43	4.9	12.6	1.1	5.3	0	0	0	83	53	.56	62	1250	S	8	91	5	10	3	0	0	8	10	6	13	0	0
AUG	81	59	70	97	38	3.8	8.1	.4	4.9	0	0	0	84	55	.52	60	1200	S	8	62	6	9	2	0	0	7	12	4	11	0	0
SEP	73	50	62	95	22	4.0	11.4	.6	3.1	0	0	0	82	53	.36	50	1250	S	8	46	5	9	3	0	0	5	12	1	3	1	0
OCT	62	39	51	95	14	2.5	5.0	0	2.7	0	0	0	78	50	.22	37	1400	S	9	62	6	7	2	0	0	2	10	0	1	0	0
NOV	45	26	36	76	-17	1.7	4.7	.1	1.8	3	12	9	78	61	.14	26	1550	NW	10	46	7	7	1	3	1	0	12	0	0	22	0
DEC	29	12	21	65	-27	1.2	2.6	.3	1.3	7	20	8	76	66	.08	14	1550	NW	10	45	7	8	1	6	2	0	13	0	0	30	4
ANN	58	35	46	100	-36	35.5	12.6	.0	5.3	33	24	13	79	57	.21	36	1500	S	10	91	6	106	34	28	7	61	127	11	40	108	20
RVR	21	21	21	21	21	21	21	21	21	21	21	21	0	0	6	0	0	6	0	0	6	21	21	21	21	21	21	21	21	21	21

REMARKS:
RUNWAY FOR:
HOURLY: JUN 73 - MAY 81
DAILY: MAR 60 - MAY 81

NOTE: * DATA NOT AVAILABLE # AVG < WHITE FIGURE IN HEADING ** MAX MNLY WND OF CLASS HIT. § % CALM ERVS & PVLG. DRCTN ‡ GAGED ON < FULL MONTH

CAV PRES(S)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	28	31	31	22	13	6	8	12	14	15	27	27	20	
	03-05	29	29	32	24	16	11	13	19	20	18	29	30	23	
	06-08	31	30	34	30	22	15	16	22	27	19	32	39	26	
	09-11	30	29	34	30	22	12	13	18	25	19	33	36	25	
	12-14	33	27	34	28	16	6	9	13	20	15	32	33	22	
	15-17	32	27	31	24	11	4	6	8	14	12	28	32	19	
	18-20	28	26	31	18	10	3	3	6	10	11	26	34	17	
	21-23	26	29	29	18	10	4	5	8	12	12	27	34	18	
	ALL HRS	30	29	32	24	15	8	9	13	18	15	29	36	22	8
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	21	21	21	13	9	4	6	9	10	10	17	26	14	
	03-05	22	19	22	17	14	7	10	16	15	12	18	30	17	
	06-08	21	20	24	21	16	10	14	19	21	16	21	28	19	
	09-11	23	18	22	19	10	5	9	11	15	13	22	27	16	
	12-14	20	15	20	12	7	2	4	5	8	8	17	24	12	
	15-17	20	14	18	10	5	1	2	2	5	6	15	21	10	
	18-20	20	13	18	9	5	1	2	4	5	6	15	24	10	
	21-23	19	15	18	9	6	2	3	5	7	8	16	26	11	
	ALL HRS	21	17	20	14	9	4	6	9	11	10	18	26	14	8
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	15	15	16	8	5	2	3	5	7	7	11	18	9	
	03-05	16	12	16	12	9	4	6	10	10	8	14	20	11	
	06-08	15	13	17	15	10	5	8	13	15	10	15	19	13	
	09-11	16	12	17	11	6	3	3	6	8	9	15	19	10	
	12-14	14	8	13	6	3	1	1	1	4	6	11	16	7	
	15-17	13	7	12	5	2	0	0	1	3	4	8	14	6	
	18-20	11	7	13	5	3	1	1	1	3	4	7	14	6	
	21-23	12	8	15	5	3	1	1	2	5	5	11	16	7	
	ALL HRS	14	10	15	8	5	2	3	5	7	7	12	17	9	8
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	0	3	0	0	0	0	0	1	1	2	3	1	
	03-05	2	1	4	1	2	0	1	2	2	1	3	4	2	
	06-08	3	2	3	2	2	0	0	1	3	2	2	4	2	
	09-11	1	1	2	0	0	0	0	0	0	1	1	2	1	
	12-14	2	1	1	0	0	0	0	0	0	0	0	2	1	
	15-17	1	0	1	0	0	0	0	0	0	0	0	2	0	
	18-20	1	1	1	0	0	0	0	0	0	0	0	1	0	
	21-23	1	0	1	0	0	0	0	0	0	0	0	1	0	
	ALL HRS	2	1	2	0	1	0	0	0	1	1	1	3	1	0

PREPARED BY: USAFETAC
SEPTEMBER 1974

STATION NAME: FORBES AFB KANSAS(TOPEKA)
LOCATION: N38 57 W095 40

PERIOD: SEP 42-DEC 72 B
ELEV: 1004

STN LTRS: KFOE
WBAN NO: 13920
WMO NO:

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	37	19	28	70	-15	1.1	5.9	.0	4.4	5	17	12
FEB	43	23	33	77	-19	1.0	2.3	.1	1.3	4	20	9
MAR	52	31	42	90	-6	2.3	8.0	.2	3.4	4	26	9
APR	66	44	55	93	20	3.5	8.4	.7	3.8	1	9	8
MAY	75	54	65	97	29	4.1	8.4	.6	3.1	0	0	0
JUN	84	64	74	106	46	3.2	12.7	1.1	3.0	0	0	0
JUL	89	68	78	111	51	4.0	14.1	.9	4.8	0	0	0
AUG	88	67	77	107	48	3.2	6.9	.2	3.2	0	0	0
SEP	80	58	69	104	38	3.1	8.1	.7	2.8	0	0	0
OCT	69	47	58	90	23	2.3	5.9	.0	4.8	0	0	0
NOV	56	36	46	78	4	1.9	5.9	.0	3.2	1	7	5
DEC	41	26	33	70	-9	1.4	6.3	.1	3.3	8	29	24
ANN	65	44	55	111	-19	33.3	14.1	.0	4.8	20	29	24
YR	27	27	27	27	27	27	27	27	27	24	24	24

MONTH	MEAN RELATIVE HUMIDITY (%) LST 03	LST 12	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.9%	SURFACE WINDS PVLG DIRCTN (% PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	78	64	.11	19	1700	N	8	31	6	6	1	3	1	0	10	0	0	28	2
FEB	77	59	.12	23	1700	N	9	44	6	6	3	3	1	1	10	0	0	23	1
MAR	72	56	.16	29	1600	N	10	36	6	8	4	3	1	2	10	0	1	17	0
APR	75	51	.28	41	1600	S	10	33	6	9	5	2	0	1	9	0	1	5	0
MAY	81	55	.39	52	1600	S	9	788	6	11	3	0	0	0	9	7	1	11	0
JUN	84	56	.58	63	1500	S	8	37	5	10	4	0	0	0	10	6	7	22	0
JUL	82	53	.64	66	1550	S	7	36	5	9	3	0	0	0	9	5	14	28	0
AUG	82	52	.60	64	1550	S	7	44	4	7	2	0	0	0	7	6	15	26	0
SEP	81	52	.64	65	1650	S	7	31	4	7	2	0	0	0	6	7	5	19	0
OCT	78	48	.29	44	1550	S	8	47	4	8	2	0	0	0	3	9	8	6	2
NOV	76	54	.18	32	1700	S	8	46	5	8	3	1	0	0	1	7	0	0	14
DEC	78	63	.12	23	1700	S	8	368	6	6	1	1	1	1	1	11	0	0	26
ANN	78	56	.37	52	1630	S	8	788	5	96	33	13	4	5	96	54	62	113	113
YR	29	28	28	28	29	28	28	19	23	27	27	26	24	24	24	24	27	27	27

REMARKS: RUSSWO POR:
HRLY OBS: SEP 42-JUN 47, DEC 47-DEC 49, MAR 51, JAN 52-DEC 72
DAILY OBS: OCT 42-JUN 47, DEC 47-DEC 49, MAR 51, JAN 52-DEC 72

NOTE: * DATA NOT AVAILABLE — # ASOS < (UNITS SHOWN IN HEADING) — ** INSTANT ANEMOS PEAK WINDS — § % CALM DATA % PVLG DIRCTN — ‡ BASED ON < FULL MONTH

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	25	25	25	18	14	7	4	5	10	12	19	29	16	
	03-05	28	25	26	21	17	10	7	8	14	14	20	30	18	
	06-08	31	28	28	23	20	14	10	11	16	18	22	31	21	
	09-11	29	28	30	26	20	16	9	9	17	17	23	30	21	
	12-14	27	25	26	22	18	14	6	7	14	16	21	28	19	
	15-17	24	24	24	17	13	8	4	5	10	12	18	25	15	
	18-20	23	22	21	14	11	6	2	4	8	11	17	25	14	
	21-23	26	22	21	13	12	7	2	4	8	11	18	27	14	
	ALL HRS	26	25	25	19	16	10	6	7	12	14	20	28	17	28
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	19	18	15	11	7	4	2	4	7	8	13	21	11	
	03-05	22	18	16	14	11	6	3	7	10	10	14	22	13	
	06-08	25	21	19	15	14	10	6	10	14	14	15	24	16	
	09-11	24	20	19	14	11	7	3	6	12	11	15	23	14	
	12-14	21	18	16	10	8	4	2	3	7	8	12	20	11	
	15-17	16	15	13	8	6	3	1	2	5	7	10	16	9	
	18-20	16	13	12	7	6	3	1	2	4	6	10	17	8	
	21-23	17	15	13	7	6	3	1	2	5	8	11	19	9	
	ALL HRS	20	18	15	11	9	5	3	5	8	9	13	20	11	28
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 mi	00-02	14	13	10	7	5	3	2	3	5	6	9	17	8	
	03-05	17	13	11	10	7	4	4	5	8	8	11	16	10	
	06-08	19	16	13	11	9	6	5	7	10	9	11	18	11	
	09-11	20	15	12	8	7	4	3	4	8	7	10	17	10	
	12-14	15	13	10	6	4	2	1	2	4	5	7	14	7	
	15-17	12	11	8	5	3	2	1	1	3	5	7	12	6	
	18-20	12	11	9	5	4	2	0	1	2	4	7	13	6	
	21-23	13	11	9	6	4	2	1	1	3	5	8	15	6	
	ALL HRS	15	13	10	7	5	3	2	3	5	6	9	15	8	28
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	4	4	1	1	1	0	0	0	1	2	2	5	2	
	03-05	5	4	2	2	1	1	1	1	2	2	2	6	2	
	06-08	6	4	3	2	1	1	1	1	2	2	2	5	3	
	09-11	4	2	2	0	0	0	0	0	0	1	1	3	1	
	12-14	3	1	1	0	0	0	0	0	0	0	0	2	1	
	15-17	2	1	1	0	0	0	0	0	0	0	0	1	0	
	18-20	2	2	1	0	0	0	0	0	0	0	1	3	1	
	21-23	3	2	1	0	0	0	0	0	1	1	1	4	1	
	ALL HRS	4	3	2	1	1	0	0	0	1	1	1	3	1	28

PREPARED BY: USAFETAC, JULY 1975

STATION NAME: FORT LEAVENWORTH KANS(SHERMAN AAF)
LOCATION: N39 22 W094 55

PERIOD: FEB 37-DEC 72 B
ELEV: 770

STN LTRS: KFLV
WBAN NO: 13921
WMO NO:

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 03	LST 12	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) PD	MEAN CLOUD COVER SUNRISE-SUNSET (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	≥ 0.3	SNOWFALL (IN) ≥ 0.1	≥ 1.5	THUNDER STORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	≥ 80	MIN ≤ 32	≤ 00
JAN	37	17	27	70	-22	1.2	4.1	.1	1.7	5	15	9	78	69	.11	19	1.50	NNW	8	51	6	6	1	3	1	1	10	0	0	29	3
FEB	42	22	32	82	-13	.9	2.4	0	.9	3	14	8	77	61	.12	22	1350	NNW	7	55	6	5	1	2	1	1	11	0	0	25	1
MAR	52	30	41	86	-11	2.4	5.6	.3	4.1	5	16	8	78	56	.16	29	1900	S	8	61	6	8	1	3	1	3	11	0	1	19	0
APR	66	42	54	93	17	3.5	7.3	.7	2.9	0	4	4	78	52	.26	41	1450	S	8	60	6	10	2	0	0	0	10	0	3	5	0
MAY	76	53	64	96	24	3.9	7.1	.9	3.4	0	0	0	83	54	.40	53	1300	S	6	63	6	11	3	0	0	0	11	1	12	0	0
JUN	84	63	74	105	41	4.1	10.3	1.6	3.3	0	0	0	88	59	.58	63	1200	S	6	50	6	10	4	0	0	0	10	10	8	23	0	0
JUL	89	66	78	108	44	3.9	10.2	.4	3.3	0	0	0	87	54	.64	66	1050	S	5	50	5	8	3	0	0	0	11	15	28	0	0
AUG	87	65	76	106	44	4.1	9.7	.6	3.0	0	0	0	88	56	.62	65	1050	S	5	48	5	8	3	0	0	0	12	13	26	0	0
SEP	80	56	68	110	28	3.4	11.2	.7	4.3	0	0	0	89	54	.47	57	1150	S	5	46	5	8	3	0	0	0	13	5	15	0	0
OCT	71	45	58	98	20	2.7	14.6	0	3.4	0	0	0	84	50	.30	45	1250	S	6	39	4	6	2	0	0	0	10	1	7	0	0
NOV	53	32	43	82	2	1.9	6.5	0	5.1	1	6	4	80	56	.18	32	1400	S	7	47	5	6	1	1	0	1	10	0	0	17	0
DEC	41	22	32	74	-13	1.7	4.2	.3	2.5	4	11	8	80	63	.12	23	1450	NNW	6	49	6	6	1	3	1	1	11	0	0	27	1
ANN	65	43	54	110	-22	35.7	14.6	0	5.1	18	16	9	83	57	.28	43	1350	S	6	83	5	92	25	12	4	5	132	43	115	129	5
YR	26	26	26	26	26	25	25	25	25	19	19	19	25	28	28	28	18	28	28	10	17	25	25	19	19	19	19	26	26	26	26

REMARKS: RUSSMO POR:
HRLY OBS: FEB 37-FEB 46, APR 46-OCT 53, JAN 62-DEC 72
DAILY OBS: AUG 38-FEB 46, APR 46-OCT 53, JAN 62-DEC 72

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PLVG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	26	24	25	16	15	10	4	8	13	13	21	29	17	25
	03-05	28	28	26	20	22	17	8	13	19	17	23	32	21	25
	06-08	30	31	30	25	20	18	9	16	23	23	27	34	24	28
	09-11	30	31	28	26	18	17	6	11	17	17	26	35	22	28
	12-14	27	28	25	22	16	15	6	9	15	14	23	30	19	28
	15-17	25	25	23	17	13	9	3	5	11	11	21	29	16	28
	18-20	22	22	20	15	10	8	3	4	9	9	18	27	14	26
	21-23	23	21	20	14	10	7	3	4	10	10	19	27	14	26
	ALL HRS	26	26	25	19	16	13	5	9	15	14	22	30	18	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	20	16	14	9	10	5	3	6	10	9	13	20	11	25
	03-05	22	20	19	13	14	10	7	12	15	14	16	21	15	25
	06-08	24	22	19	15	13	11	8	13	19	17	19	25	17	28
	09-11	24	21	17	14	7	7	3	6	12	10	16	25	14	28
	12-14	19	17	13	9	6	5	1	3	6	7	11	19	10	28
	15-17	18	14	11	7	5	3	1	1	5	6	10	18	8	28
	18-20	17	12	10	7	5	3	1	2	5	6	9	16	8	26
	21-23	17	12	11	7	5	4	1	2	6	5	11	18	8	26
	ALL HRS	20	17	14	10	8	6	3	6	10	9	13	20	11	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 mi	00-02	15	11	9	5	6	4	2	4	7	6	8	14	8	25
	03-05	16	13	10	8	10	7	5	8	11	10	9	15	10	25
	06-08	18	15	13	9	8	6	4	9	14	13	13	18	12	28
	09-11	17	14	10	6	4	3	1	3	6	6	9	16	8	28
	12-14	14	11	7	4	3	2	0	1	3	4	5	12	6	28
	15-17	12	8	6	4	2	1	0	1	2	3	5	12	5	28
	18-20	11	8	6	4	3	1	0	1	2	3	5	12	5	26
	21-23	13	8	7	4	3	2	1	1	4	4	6	12	5	26
	ALL HRS	15	11	9	6	5	3	2	4	6	6	8	14	7	
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	3	2	1	1	1	0	0	1	1	2	2	2	1	25
	03-05	3	2	1	1	1	2	2	3	3	3	2	2	2	25
	06-08	3	3	2	1	2	2	2	3	4	4	3	3	3	28
	09-11	2	1	1	0	0	0	0	0	0	0	1	2	1	28
	12-14	1	1	1	0	0	0	0	0	0	0	0	1	0	28
	15-17	1	0	0	0	0	0	0	0	0	0	0	1	0	28
	18-20	1	1	1	0	0	0	0	0	0	0	0	1	0	26
	21-23	2	1	1	0	0	0	0	0	0	0	1	2	1	26
	ALL HRS	2	1	1	0	1	1	1	1	1	1	1	2	1	

PREPARED BY: USAFETAC
SEPTEMBER 1986

STATION NAME: FT RILEY MARSHALL AAF KS
LOCATION: 939 03 W096 46

PERIOD: MAR 39-MAY 86 B
ELEV: 1065 FT

STN LTRS: FRI
WBAN NO: 724550

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	37	16	27	75	-26	.9	4.7	0	1.1	5	15	12
FEB	43	22	32	868	-21	1.0	2.3	.1	1.5	4	22	8
MAR	53	31	42	90	-10	2.2	5.6	0	2.1	4	18	14
APR	66	43	55	94	7	3.3	12.6	.7	5.2	1	5	4
MAY	76	54	65	100	27	4.6	9.2	.4	4.8	0	0	0
JUN	85	63	74	110	40	5.7	11.3	.6	4.7	0	0	00
JUL	91	68	80	112	438	3.8	10.4	0	4.2	0	0	0
AUG	89	67	78	109	45	3.4	9.2	.2	4.8	0	0	0
SEP	81	57	69	112	30	3.5	12.4	0	4.5	0	0	0
OCT	75	46	56	100	20	2.9	9.7	0	5.6	0	0	0
NOV	54	32	43	76	-9	1.4	5.8	0	3.7	1	6	5
DEC	42	22	32	77	-14	1.2	3.6	0	2.1	9	14	9
ANN	65	43	55	112	-26	33.6	12.4	.2	5.6	19	22	12
YRS	41	41	41	41	41	41	41	41	41	34	34	34

MONTH	MEAN RELATIVE HUMIDITY (%) LST C6	LST 18	MEAN VAPOR PRESSURE (IN Hg)	DEW PT (°F)	PRESSURE (FT) 99.9%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER	FOG VSBY ≤ 1/4 MI	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 32	MIN ≤ 10
JAN	72	58	.09	15	1650	S	N	5	51	6	6	8	4	1		0	0	29	4
FEB	75	60	.11	21	1760	S	N	6	48	6	5	3	1	1		0	0	24	4
MAR	78	52	.17	31	1850	S	N	7	47	6	8	1	2	1		0	0	16	1
APR	75	51	.26	41	1750	S	S	8	62	6	9	2	0	0		0	0	4	0
MAY	78	55	.39	52	1600	S	S	6	64	6	10	3	0	0		0	0	2	0
JUN	77	55	.54	61	1550	S	S	6	64	6	10	4	0	0		1	3	0	0
JUL	76	50	.62	65	1400	S	S	6	60	5	8	3	0	0		0	10	0	0
AUG	76	50	.60	64	1460	S	S	6	74	5	8	2	0	0		1	6	0	0
SEP	76	49	.45	56	1550	S	S	6	57	5	8	2	0	0		0	3	0	0
OCT	76	50	.28	43	1600	S	S	5	55	5	7	2	0	0		0	0	1	0
NOV	76	53	.17	31	1700	S	S	6	60	6	6	1	1	0		0	0	10	1
DEC	72	55	.11	20	1800	S	N	6	55	6	6	1	1	1		0	0	23	4
ANN	75	53	.27	42	1700	S	S	6	59	6	93	21	11	4		0	0	123	19
YRS	10	10	10	10	10	10	10	10	33	10	41	41	39	39		39	39	41	41

REMARKS:

RUSWO POR:
HOURLY OBS: JUN 76 - MAY 86
SUMMARY OF DAY DATA: MAR 39 - APR 50, AUG 56 - MAY 86

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN NO MEANING ** INSTANTANEOUS PEAK WINDS @ % CALM GRTR % PVLG DRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	23	19	15	8	4	2	6	6	13	20	16	13	
	03-05	19	27	32	17	12	6	5	10	8	17	23	20	16	
	06-08	22	29	25	21	16	11	6	12	12	20	28	22	19	
	09-11	23	29	26	20	16	11	7	11	9	21	25	20	19	
	12-14	19	27	24	19	10	6	4	8	9	19	23	18	16	
	15-17	17	24	21	17	8	4	2	5	7	16	20	16	13	
	18-20	16	23	19	16	7	4	1	4	6	12	18	17	12	
	21-23	18	21	16	15	7	4	2	5	6	12	16	19	12	
	ALL HRS	19	25	24	17	11	7	4	8	8	16	22	19	15	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	13	16	13	9	5	3	1	4	4	10	13	12	9	
	03-05	14	21	17	10	7	6	4	8	5	12	16	13	11	
	06-08	15	22	17	13	11	6	7	11	8	14	20	16	14	
	09-11	17	21	16	11	7	5	3	8	5	13	17	16	12	
	12-14	12	14	13	9	3	4	4	3	4	9	13	12	8	
	15-17	10	15	10	7	3	2	1	1	4	7	13	10	7	
	18-20	10	15	10	6	2	3	1	2	3	6	11	10	7	
	21-23	10	16	11	6	3	4	1	2	4	7	11	13	7	
	ALL HRS	13	16	13	9	5	4	2	5	5	10	14	13	9	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	12	12	9	6	3	4	0	2	3	7	8	9	6	
	03-05	10	14	11	6	4	4	1	5	4	9	10	9	7	
	06-08	11	16	11	9	6	6	3	8	5	10	12	10	9	
	09-11	11	16	10	6	3	2	2	3	3	8	11	11	7	
	12-14	8	13	6	3	1	1	0	1	1	4	8	8	5	
	15-17	5	9	5	3	2	1	0	0	1	3	8	6	4	
	18-20	6	10	6	4	1	1	0	1	1	4	7	8	4	
	21-23	7	11	8	5	1	1	0	1	2	5	7	9	5	
	ALL HRS	9	13	8	5	3	2	1	3	3	6	9	9	6	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	3	1	0	1	0	0	0	0	1	0	1	1	
	03-05	1	3	1	1	1	1	0	1	0	1	0	1	1	
	06-08	0	2	1	1	0	1	0	1	1	2	1	1	1	
	09-11	1	1	0	0	0	0	0	0	0	1	0	1	0	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	1	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	1	0	0	0	0	0	0	0	0	0	0	0	
	21-23	0	2	0	0	0	0	0	0	0	0	1	0	0	
	ALL HRS	0	2	0	0	0	0	0	0	0	1	0	1	0	10

CD DATED DEC 81 IS OBSOLETE

PREPARED BY: USAFETAC JUN 1987

STATION NAME : MCCONNELL AFB KS
LOCATION : N 37 37 W 097 16

PERIOD: DEC 53-DEC 86
ELEV : 1371 FT

STN LTRS: RIAB
WBAN NO: 724505

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 2MIN	MEAN SUNSHINE (tenths)	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01 (IN)	PRECIP ≥ 0.5 (IN)	SNOWFALL ≥ 0.1 (IN)	SNOWFALL ≥ 1.5 (IN)	THUNDERSTORMS	FOG VSBY < 7MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 90	MIN ≤ 32	MIN ≤ 15
JAN	39	21	30	74	-11	.9	3.1	0	1.5	6	19	7	74	80	.10	18	1900	N	8	49@	5	5	5	0	3	1	9	10	0	0		9
FEB	45	26	36	84	-9	1.1	2.8	0	1.6	5	19	9	78	82	.13	24	1950	N	8	56	6	5	1	1	1	1	1	11	0	0		4
MAR	55	35	45	88	0	2.7	10.6	0	2.8	3	18	15	75	84	.19	33	2100	S	9	49	6	7	2	1	1	3	10	0	0		1	3
APR	67	46	57	97	17	3.2	7.2	.4	3.3	0	4	4	74	53	.28	43	2000	S	10	58	6	8	2	0	0	C	0	0	0	2	0
MAY	76	56	66	100	32	4.4	9.0	.5	2.7	0	0	0	77	58	.42	54	1900	S	8	66	6	10	3	0	0	0	9	9	0	1	0	0
JUN	86	65	76	108	46	4.4	10.1	.6	5.1	0	0	0	76	53	.56	62	1800	S	7	56	6	9	3	0	0	10	6	1	10	0	0	
JUL	92	71	82	114	52	3.9	9.1	0	4.3	0	0	0	70	46	.60	64	1650	S	8	56	5	7	3	0	0	0	0	4	5	21	0	0
AUG	91	69	80	110	52	3.2	10.5	.4	6.9	0	0	0	73	48	.58	63	1650	S	7	84	5	7	2	0	0	7	6	4	18	0	0	
SEP	81	61	71	105	35	3.7	9.3	.2	3.4	0	0	0	76	49	.67	57	1800	S	8	72	5	8	2	0	0	6	9	1	7	0	0	
OCT	70	49	60	96	21	3.1	9.7	0	4.4	0	1	1	76	52	.31	46	1850	S	8	53	5	7	2	0	0	4	0	1	1	0		
NOV	54	36	45	82	6	1.7	7.8	.0	2.8	1	8	5	79	59	.20	34	2000	S	8	62	6	5	1	1	0	1	9	0	0	11	1	
DEC	44	26	35	81	-8	1.2	3.5	0	2.3	3	9	5	76	59	.13	24	2050	N	8	52	6	6	1	2	1	1	11	0	0	24	4	
ANN	67	47	57	114	-11	33.5	10.6	.0	6.9	16	19	15	75	56	.29	44	1950	S	8	84	6	84	22	10	4	54	101	11	58	100	19	
YRS	33	33	33	33	33	33	33	33	33	33	33	33	10	10	10	10	10	10	10	26	10	33	33	33	33	33	33	33	33	33	33	

REMARKS RUSSNO POR:
HOURL OBS: Jan 77-Dec 86
SUMMARY OF DAY DATA: Dec 53-Dec 86
HOURS SUMMARIZED: 0000-2300 LST

NUMBER OBSERVED WITHIN: A/B JUN AUG ANN
(1900-1986) 60NM 0/0 0/0 0/0
(A) Hurricanes 120NM 0/0 0/1 0/1
(B) Tropical Storms 240NM 0/1 0/1 0/2

NOTE * DATA NOT AVAILABLE # UNITS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM DATA % PVLG. DIRCTN ‡ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	22	28	23	16	13	7	2	5	8	18	23	27	16	
	03-05	24	30	24	21	16	9	5	9	12	22	28	28	19	
	06-08	25	35	28	23	20	15	8	11	15	25	33	30	22	
	09-11	26	32	30	25	24	15	7	10	13	26	31	29	22	
	12-14	29	29	26	22	17	9	4	7	10	21	26	26	18	
	15-17	22	25	24	17	12	5	2	3	8	18	23	22	15	
	18-20	23	27	21	15	7	4	1	2	6	15	20	19	13	
	21-23	23	26	23	15	9	5	1	3	6	17	21	22	14	
	ALL HRS	24	29	25	19	15	9	4	6	10	20	26	25	18	18
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	21	17	11	8	4	2	4	7	16	17	21	12	
	03-05	19	25	19	14	11	6	4	6	9	17	21	21	15	
	06-08	20	29	23	17	14	11	7	9	11	20	24	24	17	
	09-11	21	27	20	16	13	9	4	6	9	19	24	23	16	
	12-14	18	22	17	11	7	4	2	3	6	14	18	19	11	
	15-17	16	18	11	6	4	2	1	1	5	10	16	15	9	
	18-20	15	19	10	8	3	2	1	1	5	10	14	15	9	
	21-23	15	18	12	10	6	2	1	2	6	11	15	18	10	
	ALL HRS	18	22	16	12	8	5	3	5	7	14	19	20	12	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	13	16	11	6	5	2	1	3	5	12	13	16	9	
	03-05	14	18	14	10	6	5	2	4	6	13	16	17	10	
	06-08	17	21	17	12	10	8	3	6	8	17	19	20	13	
	09-11	16	20	14	11	7	4	2	3	7	14	19	19	12	
	12-14	12	16	9	5	3	1	0	1	3	8	13	15	7	
	15-17	11	13	7	4	1	1	0	0	2	7	12	10	6	
	18-20	10	13	7	5	1	1	1	1	3	7	12	10	6	
	21-23	10	14	8	6	3	1	1	2	3	8	12	14	7	
	ALL HRS	13	16	11	7	5	3	1	3	5	11	15	15	9	10
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	5	0	0	0	0	0	0	0	1	2	3	1	
	03-05	2	5	1	1	1	1	0	1	0	2	2	4	2	
	06-08	2	7	3	2	1	0	0	1	1	3	3	4	2	
	09-11	2	4	1	0	0	0	0	0	0	1	1	4	1	
	12-14	1	2	0	0	0	0	0	0	0	0	1	1	0	
	15-17	1	2	0	0	0	0	0	0	0	0	1	0	0	
	18-20	1	2	0	0	0	0	0	0	0	0	1	1	0	
	21-23	1	3	0	0	0	0	0	0	0	1	1	2	1	
	ALL HRS	1	4	1	0	0	0	0	0	0	1	2	2	1	10

PREPARED BY USAFETAC
SEPTEMBER 1982

STATION NAME : SALINA MAP KS
LOCATION : N38 48 W097 39

PERIOD : NOV 42-DEC 81 B
ELEV : 1282 FT

STN LTRS:
WBAN NO:

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 16	MEAN VAPOR PRESSURE (In Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.0%	SURFACE WINDS PVLG DIRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN SKY COVER (Sunrise)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01"	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	POOR VSBY 7mi	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 90	MAX ≤ 32
JAN	38	18	28	73	-20B	.8	2.9	0	1.5	6	33	10	78	62	.10	18	1900	S	9	32	5	5	0	3	1	0	0	0	21
FEB	44	23	34	83	-19	.9	3.2	0	1.6	5	26	10	79	59	.12	23	1950	S	10	51	5	5	1	2	1	1	0	0	2
MAR	54	31	43	90	-11	2.1	10.8	0	2.0	4	15	8	81	56	.19	33	2100	S	11	49	6	7	1	2	1	2	10	0	0	1
APR	67	44	55	92	13	2.9	8.0	.5	3.3	0	7	7	82	52	.29	44	1950	S	11	56B	5	8	2	0	0	5	7	0	0	
MAY	76	54	65	100	29	4.3	9.4	.3	5.8	0	0	0	85	53	.40	53	1900	S	9	70	6	9	3	0	0	0	7	0	2	
JUN	87	64	76	111	42	4.3	10.0	.8	5.7	0	0	0	83	46	.54	61	1800	S	10	65	4	9	3	0	0	0	9	0	2	12	
JUL	92	69	81	112	49	3.5	9.0	0	3.8	0	0	0	78	63	.62	55	1550	S	10	65	4	8	2	0	0	0	9	3	6	28	
AUG	91	68	80	112	46	2.9	13.8	.1	5.1	0	0	0	79	46	.60	54	1600	S	10	48B	4	7	2	0	0	0	7	5	5	19	
SEP	82	58	70	112	34	3.0	12.1	.1	4.8	0	0	0	81	48	.45	46	1700	S	10	50	4	6	2	0	0	0	5	6	1	0	
OCT	71	47	59	100	20	2.3	6.8	0	4.6	0	3	2	78	46	.29	44	1850	S	10	65	4	5	1	0	0	0	3	0	0	1	
NOV	54	33	44	86	-3	1.4	5.6	0	2.2	1	7	5	82	57	.20	34	1900	S	10	42B	5	5	1	1	0	1	0	0	0	1
DEC	43	23	33	72	-9	1.0	3.1	0	1.9	4	12	11	80	60	.13	24	1950	S	10	46	5	5	1	2	1	0	0	0	0	2
ANN	67	44	56	112	-20B	29.4	13.8	0	5.8	20	33	11	81	52	.28	43	1900	S	10	70	5	79	19	10	4	50	63	14	62	11
YR	37	37	37	37	37	37	37	37	37	34	34	34	9	9	9	9	9	9	9	10	9	37	37	34	34	34	34	37	37	3

REMARKS

RUSSMO FOR
HOURLY OBS: JAN 73-DEC 81
DAILY OBS: NOV 42-NOV 49, JAN 52-DEC 81

NUMBER OBSERVED WITHIN: A/B AUG ANN
(1900-1979) 60NM 0/0 0/0
(A) Hurricanes 120NM 0/1 0/1
(B) Tropical Storms 240NM 0/1 0/1

NOTE: * DATA NOT AVAILABLE # ARTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GRTR % PVLG. DIRCTN ∂ BASED ON < FULL REPTNG

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	22	25	15	13	6	6	5	10	12	19	17	14
	03-05	22	25	26	16	13	7	7	7	13	14	23	17	16
	06-08	22	28	29	23	17	12	11	10	17	16	25	23	19
	09-11	22	32	31	26	22	12	9	11	17	19	25	24	21
	12-14	21	29	28	25	17	7	8	10	17	19	23	21	19
	15-17	19	26	24	20	12	5	5	6	11	12	20	20	15
	18-20	19	20	23	15	9	2	3	3	9	8	19	18	12
	21-23	20	19	21	15	9	3	4	3	7	10	19	18	12
	ALL HRS	21	25	26	20	14	7	6	7	13	14	22	20	16
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	15	15	16	10	7	2	3	3	6	9	14	11	9
	03-05	18	19	18	11	9	5	5	4	10	10	15	13	11
	06-08	18	23	21	17	12	9	10	8	13	12	18	17	13
	09-11	18	25	21	17	13	6	5	7	12	14	19	17	15
	12-14	15	21	17	12	8	2	3	5	9	10	17	14	11
	15-17	12	17	15	10	5	2	2	3	6	7	12	12	9
	18-20	13	13	14	9	5	2	1	2	5	5	11	11	8
	21-23	13	12	15	9	6	2	2	2	5	7	12	12	8
	ALL HRS	15	18	17	12	8	4	4	4	8	9	15	13	11
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	10	11	12	6	5	1	1	2	5	7	10	9	7
	03-05	14	14	13	8	6	3	3	4	8	7	10	9	8
	06-08	13	18	16	11	10	6	5	5	9	9	13	13	11
	09-11	12	16	16	12	8	4	3	3	8	9	13	12	10
	12-14	10	15	12	6	4	1	2	3	5	6	10	11	7
	15-17	9	10	10	6	3	1	1	1	3	5	9	10	6
	18-20	10	9	9	5	3	1	1	2	3	6	8	9	5
	21-23	10	8	11	5	3	1	1	1	3	5	8	8	6
	ALL HRS	11	13	12	7	5	2	2	3	6	7	10	10	7
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	2	1	0	0	0	0	0	1	1	1	0	1
	03-05	2	2	1	1	1	0	0	1	1	1	1	1	1
	06-08	1	4	1	0	0	1	0	1	1	2	1	1	1
	09-11	1	3	1	0	0	0	0	0	1	0	1	1	1
	12-14	1	1	0	0	0	0	0	0	0	0	0	1	0
	15-17	0	1	0	0	0	0	0	0	0	0	0	0	0
	18-20	1	1	0	0	0	0	0	0	0	0	0	0	0
	21-23	1	1	0	0	0	0	0	0	0	0	1	0	0
	ALL HRS	1	2	1	0	0	0	0	0	1	1	1	1	1

CD DATED DEC 1982 IS OBSOLETE

PREPARED BY USAFETAC JUN 1987

STATION NAME : FT CAMPBELL AAF KY
LOCATION : N36 40 W 87 30

PERIOD : JUN 50-JAN 87
ELEV : 572 FT

STN LTRS: HNOP
WSC NO: 744710

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (in) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 2s HRS	SNOWFALL (in) MONTHLY MEAN	MONTHLY MAX	MAX 2s HRS	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN VAPOR PRESSURE (in Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (ET) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (in) ≥ 0.01	PRECIP (in) ≥ 0.5	SNOWFALL (in) ≥ 0.1	SNOWFALL (in) ≥ 1.0	THUNDERSTORMS	FOG VSBY < 7mi	TEMPERATURE (°F) MAX ≥ 95	MAX ≤ 32	MIN ≤ 32	MIN ≤ 20
JAN	42	25	34	75	-20	3.9	10.1	.6	6.2	5	16	5	76	65	.12	23	1100	N	6	50	7	10	2	3	1	1	15	0	0	29	9
FEB	48	29	39	82	-1	4.1	11.5	1.1	3.5	4	19	8	75	60	.15	27	1150	N	5	46	7	10	3	2	1	2	13	0	0	18	5
MAR	57	37	48	87	1	5.1	13.1	1.1	3.5	2	21	12	72	53	.20	35	1200	N	6	56	7	12	3	3	0	0	13	0	0	12	1
APR	69	48	58	88	25	4.5	10.3	.7	3.2	1	3	3	71	50	.29	44	1100	S	5	50	6	11	3	0	0	0	11	0	1	2	0
MAY	77	56	67	97	33	4.4	10.9	.6	5.6	T	3	3	77	56	.44	55	950	S	5	50	6	11	3	0	0	0	7	17	0	6	0	0
JUN	85	65	75	106	43	3.3	7.2	.3	3.5	0	0	0	75	52	.58	63	850	S	5	41	6	9	2	0	0	0	9	16	2	17	0	0
JUL	88	69	79	106	49	3.7	8.5	.9	3.7	0	0	0	79	56	.69	68	750	SSW	3	50	6	9	3	0	0	0	20	19	0	24	0	0
AUG	87	67	77	103	46	3.5	13.7	.2	3.0	0	0	0	82	56	.69	66	750	S	5	44	6	6	2	0	0	0	8	20	0	21	0	0
SEP	81	59	70	100	36	3.0	12.2	.0	4.2	0	0	0	83	56	.52	60	800	S	5	46	5	7	2	0	0	0	5	19	1	11	0	0
OCT	71	48	59	94	21	2.6	7.5	.0	3.2	0	1	1	81	56	.35	49	850	S	5	40	6	7	2	0	0	2	17	0	2	2	0
NOV	57	37	47	83	-4	4.3	13.2	.6	5.2	1	5	5	78	61	.24	39	1000	S	5	53	7	10	3	1	0	0	13	0	0	10	1
DEC	47	30	39	76	-13	4.1	12.9	.7	3.5	3	9	7	76	63	.17	30	1100	S	5	45	7	11	3	1	0	1	15	4	0	20	5
ANN	67	47	58	106	-20	46.5	13.2	0	6.2	14	25	12	77	57	.32	47	1050	S	5	49	6	115	31	8	2	17	105	11	82	21	21
YR	37	37	37	37	37	37	37	37	37	37	37	37	10	10	10	10	10	10	10	11	10	37	37	37	37	37	37	37	37	37	37

REMARKS RUSSNO POR:
HOURLY OBS: Feb 77-Jan 87
SUMMARY of DAY DATA: JUN 50-JAN 87
HOURS SUMMARIZED: 0000-2100 LST

NUMBER OBSERVED WITHIN: (1900-1985)

	A/B	JUN	AUG	SEP	OCT	ANN
	60NM	0/0	0/0	0/0	0/0	0/0
(A) Hurricanes	120NM	0/1	0/1	0/0	0/0	0/2
(B) Tropical Storms	240NM	0/1	0/1	0/1	0/1	0/10

NOTE * DATA NOT AVAILABLE = AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PLVG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	34	31	22	15	13	7	9	11	13	18	30	30	19	
	03-05	36	34	24	19	22	15	20	25	24	24	32	32	26	
	06-08	37	35	27	20	20	13	21	28	29	28	40	35	28	
	09-11	36	34	25	22	21	11	13	12	17	20	36	37	24	
	12-14	30	32	24	19	13	10	10	8	14	17	33	35	21	
	15-17	34	29	22	13	10	6	6	5	8	15	29	29	17	
	18-20	33	28	22	13	10	6	5	6	6	13	26	28	16	
	21-23	32	27	22	15	9	6	5	7	8	16	29	31	17	
	ALL HRS	35	32	24	17	15	9	11	13	15	19	32	32	23	16
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	21	20	14	9	10	6	7	10	11	13	19	18	13	
	03-05	23	22	15	11	17	11	16	24	20	20	23	19	19	
	06-08	23	24	17	13	15	11	18	25	25	24	28	21	20	
	09-11	23	23	15	10	11	6	6	7	11	14	22	22	14	
	12-14	20	21	13	7	7	4	4	4	6	10	19	19	11	
	15-17	17	14	9	5	5	3	3	2	4	10	17	16	9	
	18-20	17	13	10	6	6	3	3	3	4	9	16	16	9	
	21-23	16	16	11	6	5	3	3	5	6	10	18	16	10	
	ALL HRS	20	19	12	8	9	6	8	10	11	14	20	19	13	10
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 2 MI	00-02	15	15	8	5	7	3	4	6	6	10	15	12	9	
	03-05	16	15	10	7	11	7	10	15	12	13	16	13	12	
	06-08	17	14	11	8	10	6	9	14	15	15	20	15	13	
	09-11	17	15	9	6	6	2	4	3	5	10	15	16	9	
	12-14	12	12	6	4	4	1	1	1	3	7	11	11	6	
	15-17	12	9	6	3	3	2	2	1	2	6	10	11	6	
	18-20	11	9	6	3	2	1	1	1	3	6	11	12	6	
	21-23	11	11	8	4	3	1	2	2	3	8	12	12	6	
	ALL HRS	14	13	8	5	6	3	4	5	6	9	14	14	8	10
CEILING LESS THAN 200 FT AND OR VISIBILITY LESS THAN 1/2 MI	00-02	3	3	1	1	0	0	1	1	1	1	3	2	1	
	03-05	3	3	1	1	1	1	1	2	3	2	3	1	2	
	06-08	2	3	2	1	1	1	1	1	2	3	2	1	2	
	09-11	2	1	1	0	0	0	0	0	0	0	1	1	1	
	12-14	1	1	1	0	0	0	0	0	0	0	0	0	0	
	15-17	2	1	1	0	0	0	0	0	0	0	0	0	0	
	18-20	2	1	1	0	0	0	0	0	0	0	0	0	0	
	21-23	1	1	1	0	0	0	0	0	0	0	1	1	1	
	ALL HRS	2	1	1	0	0	0	0	0	1	1	1	1	1	10

PREPARED BY USAFETAC
MARCH 1985

STATION NAME FT KNOX/GODMAN AAF KY
LOCATION N37 54 W085 58

PERIOD MAR 45-NOV 84
ELEV 735 FT

STN LTRS: KFTK
WBAN NO: 72240

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (In Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DIRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN SUNRISE CLOUD COVER (Sunrise)	MEAN SUNSET CLOUD COVER (Sunset)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	≥ 0.5	SNOWFALL (IN) ≥ 0.1	≥ 1.5	THUNDER STORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 20
JAN	40	25	33	75	-18	3.7	14.7	.6	2.7	5	25	9a	73	65	.11	20	1350	W	6	59	7		12	3	5	2	1	14	0	0	23	10
FEB	44	27	36	78	-17	3.6	8.8	.7	3.7	4	13	9	72	60	.14	25	1350	W	6	58	7		10	2	3	1	1	12	0	0	19	6
MAR	54	36	45	85	-3	4.6	12.6	1.1	4.8	3	19	9a	72	56	.18	32	1400	W	7	61	7		13	3	2	1	3	12	0	0	13	2
APR	66	46	56	89	22	4.3	10.9	.9	4.2	0	1	1	70	51	.25	40	1350	W	7	61	6		12	3	0	0	5	9	0	1	2	0
MAY	75	55	65	93	30	4.2	11.7	.8	3.9	0	0	0	76	55	.38	51	1150	SSW	5	69	6		11	3	0	0	7	12	1	0	0	0
JUN	83	64	74	100	39	4.1	10.5	1.0	3.7	0	0	0	80	58	.54	61	1050	SSW	4	60	6		10	3	0	0	8	13	5	14	0	0
JUL	86	67	77	104	50	4.6	9.6	.7	3.6	0	0	0	82	58	.62	65	950	SW	4	53	6		10	3	0	0	9	16	9	20	0	0
AUG	85	66	76	101	46	3.6	9.5	.9	3.2	0	0	0	85	60	.62	64	900	SSW	4	61	6		8	2	0	0	7	18	8	18	0	0
SEP	79	59	69	102	36	3.3	12.4	.1	4.4	0	0	0a	84	57	.47	57	1000	SSW	3	43a	5		7	2	0	0	6	15	3	8	0	0
OCT	69	48	58	90	21a	2.8	7.2	.1	3.7	a	a	a	81	56	.31	46	1100	S	4	44	6		8	2	0	0	2	13	a	1	1	0
NOV	55	37	46	83	-2	3.7	8.9	.7	3.2	2	18	14	74	57	.20	35	1200	SSW	5	56	6		10	3	1	a	2	12	0	0	10	1
DEC	45	29	37	77	-5	3.8	10.6	.8	4.5a	2	11	5	76	63	.15	28	1350	SSW	6	60	7		11	3	2	a	1	12	0	0	20	5
ANN	65	47	56	104	-18	46.3	14.7	.1	4.8	16	25	14	77	58	.29	44	1200	SSW	5	69	6		122	32	13	4	50	58	24	88	88	24
YRS	40	40	40	40	40	40	40	40	40	39	39	39	10	10	10	10	10	10	10	39	10		40	40	39	39	39	40	40	40	40	40

REMARKS: RUSSMO POR:
HOURLY OBS: DEC 74 - NOV 84
SUMMARY OF DAY DATA: MAR 45 - NOV 84

NUMBER OBSERVED WITHIN: (1900-1982)

	A/B	JUN	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0
(A) Hurricanes 120NM	0/1	0/0	0/1	0/0	0/2	
(B) Tropical Storms 240NM	0/1	0/0	0/2	0/1	0/4	

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM OBTR % PVLG DRCTN a BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	36	23	23	16	12	6	5	5	13	17	23	34	16	7
	03-05	38	26	27	17	16	15	13	18	20	22	22	35	22	9
	06-08	42	31	34	19	21	18	23	29	29	25	27	35	28	10
	09-11	41	32	32	19	18	14	14	16	17	22	26	36	24	10
	12-14	37	31	30	17	16	12	10	9	14	20	25	34	21	10
	15-17	34	30	26	18	12	5	7	6	11	17	24	32	19	10
	18-20	35	28	23	13	9	5	4	4	8	13	25	28	16	10
	21-23	36	26	23	13	9	3	5	4	10	11	25	30	16	10
	ALL HRS	38	28	28	17	14	10	10	11	15	18	25	33	21	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	21	17	15	9	8	6	6	6	10	14	14	19	12	7
	03-05	23	12	19	8	13	12	12	16	19	19	15	22	16	9
	06-08	26	22	22	12	18	17	22	29	26	22	18	22	21	10
	09-11	28	21	20	10	14	9	11	13	13	18	18	22	16	10
	12-14	25	17	16	7	9	5	3	5	6	13	15	21	12	10
	15-17	21	17	14	7	5	2	3	3	7	10	13	18	10	10
	18-20	20	13	12	7	5	3	3	2	6	9	14	15	9	10
	21-23	17	14	13	7	4	1	4	2	7	8	15	16	9	10
	ALL HRS	23	18	16	8	10	7	8	9	12	14	15	19	13	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	15	10	11	5	5	1	2	2	6	9	10	15	8	7
	03-05	17	13	12	5	9	6	6	7	12	13	12	15	11	9
	06-08	20	16	14	8	11	6	11	16	17	15	12	15	14	10
	09-11	21	14	13	6	7	3	5	8	7	10	12	15	10	10
	12-14	17	11	9	5	4	2	1	2	4	8	10	12	7	10
	15-17	14	11	7	4	4	1	1	1	4	7	9	12	6	10
	18-20	13	11	6	4	4	2	1	1	4	7	9	12	6	10
	21-23	13	11	8	4	2	2	1	1	4	6	10	11	6	10
	ALL HRS	16	12	10	5	6	3	4	5	7	9	11	13	8	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	4	2	2	2	1	2	1	1	1	1	1	1	1	7
	03-05	4	2	2	1	2	1	1	1	2	2	1	2	2	9
	06-08	5	3	2	1	2	1	2	1	3	2	1	1	2	10
	09-11	5	2	1	2	0	0	0	0	2	1	2	1	1	10
	12-14	2	1	2	0	0	0	0	0	0	0	0	0	0	10
	15-17	1	1	2	0	2	0	0	0	0	0	0	0	0	10
	18-20	1	1	2	0	2	0	0	0	0	0	0	0	0	10
	21-23	1	1	1	2	0	0	0	0	0	0	0	1	0	10
	ALL HRS	3	2	2	2	1	2	2	1	1	1	1	1	1	

A W S	STATION NAME: BARKSDALE AFB LA	FIELD ELEV: 166 FT
	LATITUDE/LONGITUDE: 32 30 N 093 40 W	STATION MSC: 722485
CLIMATIC BRIEF	HOURLY OBS POR: JAN 82 - DEC 91	CALL SIGN: KBAD
	SUMMARY OF DAY POR: MAR 37-OCT 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: OCT 86
SEP 92	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	84	88	90	96	98	102	107	106	103	98	88	85	107	54
MEAN MAX TEMP (F)	55	60	67	76	83	89	92	92	87	78	67	58	76	54
MEAN TEMP (F)	46	50	57	65	73	80	83	82	77	67	56	49	66	54
MEAN MIN TEMP (F)	36	40	46	55	63	70	73	72	66	55	45	38	55	54
EXTRM MIN TEMP (F)	3	1	15	31	40	51	55	50	38	29	16	4	1	54
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	2	1	0	0	0	5	54
D/W TEMP GE 90 (F)	0	0	#	#	3	17	24	23	12	2	0	0	81	54
D/W TEMP LT 33 (F)	12	7	2	#	0	0	0	0	0	1	4	9	35	54
D/W TEMP LT 20 (F)	2	1	#	0	0	0	0	0	0	0	#	1	4	54
HEATING DEGREE DAYS	583	414	261	74	8	#	0	0	4	71	284	500	2199	54
COOLING DEGREE DAYS	6	7	33	103	266	456	569	556	363	134	29	6	2528	54
MEAN DEWPOINT TEMP (F)	34	39	45	52	62	68	71	70	64	55	46	38	54	10
MEAN WET BULB TEMP (F)	40	44	51	58	66	71	74	74	68	59	51	43	58	10
99.95% WCPA (FT)	750	800	750	650	550	450	350	350	450	500	600	700	650	10
MEAN REL HUM 07 LST(%)	79.3	79.9	79.0	80.9	82.7	83.3	84.7	85.9	86.3	86.3	81.8	81.0	82.6	10
MEAN REL HUM 13 LST(%)	59.3	58.6	55.1	55.8	59.3	58.0	56.9	54.5	53.0	54.1	56.9	60.8	56.9	10
MAX 24HR PRECIP (IN)	4.80	3.94	5.24	10.82	5.46	5.49	5.02	4.00	3.98	7.46	3.95	3.90	10.82	54
MAX PRECIP (IN)	16.99	11.02	11.31	23.19	13.76	17.15	10.11	9.43	9.43	14.75	13.06	11.22	73.06	54
MEAN PRECIP (IN)	4.58	4.29	4.02	4.60	5.17	3.96	3.67	2.69	3.13	3.77	4.35	4.43	48.40	54
MIN PRECIP (IN)	.23	.75	.58	.57	1.11	.09	.08	.24	.27	.00	.39	.54	29.63	54
D/W PRECIP GE .01 (IN)	10	8	9	8	8	7	7	7	6	6	8	8	92	54
D/W PRECIP GT .50 (IN)	3	3	3	3	3	3	2	2	2	2	3	3	32	54
MAX 24HR SNFL (IN)	7.2	2.8	3.0	#	0	0	0	0	0	0	1.0	5.1	7.2	45
MAX SNFL (IN)	11.6	2.8	3.0	#	0	0	0	0	0	0	1.0	5.1	12.1	45
MEAN SNFL (IN)	1.2	.3	.1	#	0	0	0	0	0	0	#	.2	1.8	45
D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	#	#	2	45
D/W SNFL GE 1.5 (IN)	1	#	#	0	0	0	0	0	0	0	0	#	1	45
MAX DLY SNO DEPTH (IN)	6	5	3	0	0	0	0	0	0	0	1	4	6	45
PRVLNG WND DIR (DEG)	$14-16	$14-16	14-16	$14-16	$14-16	$14-16	$14-16	$14-16	$14-16	$14-16	14-16	$14-16	$14-16	10
MEAN WND SPD (KTS)	5	6	6	5	5	4	3	3	4	4	5	5	5	10
MAX WND SPD (KTS)	55	45	60	62	58	60	64	58	49	48	45	45	64	45
SKY COVER GT 5/10 (%)	58.4	61.8	56.4	53.3	56.7	48.8	42.1	41.2	41.8	45.6	56.5	59.5	51.8	
D/W THUNDERSTORMS	2	3	5	6	8	8	9	7	5	3	3	2	61	
D/W FOG (VSBY LT 7 MI)	15	13	12	13	15	13	11	14	16	15	13	13	163	54

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	26.7	26.6	17.6	16.6	12.3	6.9	1.9	2.7	8.9	17.2	28.9	33.8	16.7	10
	03 - 05	30.5	35.9	27.4	25.7	23.7	15.1	7.2	5.6	13.2	25.1	34.1	37.6	23.4	10
CIG	06 - 08	36.1	42.0	33.1	35.7	33.8	21.4	14.8	14.4	24.7	32.9	37.9	40.1	30.6	10
LT 3000 FT	09 - 11	35.4	38.3	29.7	25.8	26.2	16.1	8.4	9.0	18.2	29.1	34.1	36.0	25.5	10
AND/OR	12 - 14	32.3	33.7	21.8	16.4	11.1	6.3	3.5	3.7	8.6	19.4	26.8	32.0	18.0	10
VSBY	15 - 17	26.0	24.8	16.6	10.6	5.9	3.6	1.2	1.9	5.9	13.3	21.1	26.8	13.1	10
LT 3 MI	18 - 20	23.4	25.4	12.4	9.9	4.4	3.1	.6	2.2	4.7	11.0	20.2	25.7	11.9	10
	21 - 23	23.8	25.9	12.4	10.3	5.5	2.7	.2	1.2	6.0	12.9	22.2	28.9	12.7	10
	ALL	29.3	31.6	21.4	18.9	15.3	9.4	4.7	5.1	11.3	20.1	28.2	32.6	18.9	10
	00 - 02	20.4	18.3	7.4	9.0	5.3	4.2	1.7	2.2	6.9	13.3	15.3	22.2	10.5	10
	03 - 05	23.5	25.5	10.0	15.8	10.9	10.7	4.8	4.4	10.1	19.7	21.1	24.2	15.1	10
CIG	06 - 08	27.1	29.7	17.5	24.8	21.5	15.8	10.2	11.9	20.1	26.5	26.0	30.3	21.8	10
LT 1500 FT	09 - 11	25.5	25.3	14.4	13.7	10.1	6.2	3.4	5.1	10.1	20.1	21.8	25.6	15.1	10
AND/OR	12 - 14	19.9	19.4	9.5	5.4	2.2	1.9	1.7	1.4	2.3	9.6	14.6	21.5	9.1	10
VSBY	15 - 17	16.9	15.2	7.0	4.7	2.0	1.6	.8	.8	2.0	7.0	10.4	18.0	7.2	10
LT 3 MI	18 - 20	14.6	15.8	6.2	5.6	2.2	1.7	.4	.6	1.6	6.5	11.6	16.3	6.9	10
	21 - 23	16.7	15.7	4.2	5.1	2.6	1.4	.1	.8	3.4	8.5	13.6	17.3	7.4	10
	ALL	20.6	20.6	9.5	10.5	7.1	5.4	2.9	3.4	7.1	13.9	16.8	21.9	11.6	10
	00 - 02	17.2	15.5	4.7	6.4	2.4	2.7	1.3	.9	5.3	10.9	11.0	14.7	7.7	10
	03 - 05	18.1	20.1	6.3	10.3	6.0	7.6	3.1	2.7	8.1	16.3	16.3	19.3	11.2	10
CIG	06 - 08	21.9	23.6	11.6	17.4	12.4	9.3	4.2	6.0	14.0	20.0	20.3	24.3	15.4	10
LT 1000 FT	09 - 11	19.7	19.1	8.4	6.7	3.2	2.2	1.1	2.4	3.9	12.6	15.0	19.0	9.4	10
AND/OR	12 - 14	13.2	12.9	3.8	2.1	1.0	.7	.3	.6	.8	5.0	9.4	15.5	5.4	10
VSBY	15 - 17	11.6	9.5	3.2	2.2	.8	.7	.3	.8	.8	5.1	6.9	13.5	4.6	10
LT 2 MI	18 - 20	10.5	10.5	2.7	3.3	1.2	1.1	.2	.4	.6	5.3	7.2	9.6	4.4	10
	21 - 23	13.2	12.4	2.7	3.6	1.6	.6	.0	.3	1.4	7.0	8.9	11.7	5.3	10
	ALL	15.7	15.5	5.4	6.5	3.6	3.1	1.3	1.8	4.4	10.3	11.9	16.0	7.9	10
	00 - 02	2.4	.2	.1	1.0	.1	.2	.1	.0	.7	.9	1.8	1.3	.7	10
	03 - 05	3.4	1.3	.5	1.9	.8	1.0	.4	.1	.9	2.8	1.6	2.1	1.4	10
CIG	06 - 08	5.5	3.8	.6	2.6	.5	.8	.3	.4	.9	2.4	2.8	2.0	1.9	10
LT 200 FT	09 - 11	2.9	.8	.1	.2	.0	.0	.0	.0	.0	.3	.3	.8	.4	10
AND/OR	12 - 14	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	10
VSBY	15 - 17	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.5	.1	10
LT 1/2 MI	18 - 20	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	10
	21 - 23	.8	.0	.0	.1	.3	.0	.0	.0	.0	.9	1.1	.7	.3	10
	ALL	2.0	.8	.2	.7	.2	.2	.1	.1	.3	1.0	1.0	1.0	.6	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/1	0/1	0/2	0/4	0/0	0/0	0/0	0/8
120NM	0/0	0/0	0/0	0/0	0/0	2/3	0/2	2/7	2/8	0/1	0/0	0/0	6/21
240NM	0/0	0/0	0/0	0/0	0/1	5/10	4/7	16/22	12/26	2/6	0/0	0/0	39/72

REMARKS : @

PREPARED BY: USAFETAC
JULY 1984

STATION NAME : ENGLAND AFB LA
LOCATION : N31 20 W092 33

PERIOD: SEP 43-MAR 84 9
ELEV : 89 FT

STN LTRS: HAEX
WSC NO: 747540

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	58	39	48	82	10	5.1	13.0	1.2	4.8	#	3	3
FEB	62	42	52	86	18	4.9	11.0	.8	3.8	#	4	5
MAR	69	49	60	86	24	5.1	15.6	.4	5.0	#	1	1
APR	77	57	67	92	31	4.9	13.2	.8	10.2	0	0	0#
MAY	84	64	74	98	44	5.7	17.2	.5	4.2	0	0	0
JUN	90	70	80	102	55	3.9	11.5	.7	5.6	0	0	0
JUL	92	73	83	104	57	4.7	11.7	.4	3.6	0	0	0
AUG	92	72	82	105	57	4.7	11.3	.4	7.2	0	0	0
SEP	87	67	76	100	36	4.0	11.4	.6	5.6	0	0	0
OCT	79	55	67	96	30	3.8	11.0	#	7.9	0	0	0
NOV	69	47	58	87	22	4.6	12.0	.1	4.0	#	#	#
DEC	61	41	51	84	12	5.9	13.7	.4	5.7	#	#	#
ANN	77	56	67	105	10	56.8	17.2	#	10.2	#	9	5
YR	34	34	34	34	34	34	34	34	34	32	32	32

MONTH	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN ALTIMETER SETTING (MB) 99.95%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDERSTORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 40	MIN ≤ 32
JAN	77	69	.21	36	550	N	5	52	7	10	3	#	#	2	16	0	0	18	9
FEB	77	55	.25	40	550	N	5	44	6	8	3	#	#	3	14	0	0	12	5
MAR	78	54	.30	46	600	S	5	56	7	10	3	#	0	5	15	0	0	5	1
APR	81	55	.44	52	560	S	4	58	6	8	3	0	0	5	16	0	#	1	0
MAY	84	56	.56	62	600	S	4	63	6	9	3	0	0	7	18	#	5	0	0
JUN	85	55	.69	69	300	S	3	72	5	8	3	0	0	8	18	5	18	0	0
JUL	86	56	.76	71	250	S	2	44	5	11	3	0	0	13	17	9	23	0	0
AUG	87	57	.76	71	200	SSE	2	42	5	9	3	0	0	11	20	8	27	0	0
SEP	85	56	.62	65	350	N	3	48	5	8	2	0	0	6	20	3	13	0	0
OCT	83	48	.42	54	350	N	3	40	4	5	2	0	0	3	19	#	2	0	0
NOV	80	55	.31	44	450	N	4	50	6	8	3	0	0	5	15	0	0	0	3
DEC	78	57	.25	40	550	N	4	44	6	9	4	0	0	3	16	0	0	15	7
ANN	82	56	.48	55	500	S	4	72	6	101	35	#	#	69	204	25	84	61	25
YR	34	34	34	34	34	34	34	34	34	34	34	32	32	32	32	34	34	34	34

REMARKS

RUSSIO PCP:
HOURLY OBS: APR 74 - MAR 84
DAILY OBS: SEP 43 - NOV 45, APR 52 - MAR 84

NUMBER OBSERVED WITHIN: A/B

		MAY	JUN	JUL	AUG	SEP	OCT	ANN
(1900-1983)	60NM	0/0	0/1	0/0	1/2	0/1	0/0	1/4
(A) Hurricanes	120NM	0/0	0/4	0/1	4/5	2/11	0/1	6/22
(D) Tropical storms	240NM	0/1	2/7	6/11	14/19	14/30	1/8	37/76

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM &RTR % PVLG. DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	44	41	39	22	25	7	4	6	11	13	27	27	19	
	03-05	36	37	36	33	31	21	12	17	23	27	35	32	29	
	06-08	44	43	42	40	43	29	20	31	42	40	44	37	38	
	09-11	39	34	35	26	25	13	6	12	19	21	35	33	25	
	12-14	35	23	24	16	13	6	4	6	11	11	24	26	17	
	15-17	24	22	20	13	9	3	3	3	7	7	18	20	13	
	18-20	29	21	16	13	6	3	3	2	7	7	17	22	13	
	21-23	32	26	21	14	11	3	3	2	6	8	20	27	14	
	ALL HRS	35	31	28	22	20	11	7	10	16	17	28	28	21	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	23	23	17	13	12	4	3	5	9	8	18	19	13	
	03-05	29	25	22	24	23	16	11	16	21	22	27	24	22	
	06-08	33	32	28	30	33	23	18	29	39	36	36	33	31	
	09-11	28	25	18	15	11	5	3	7	13	14	26	25	16	
	12-14	22	15	10	7	5	1	2	1	3	4	13	16	8	
	15-17	17	11	8	6	5	1	1	1	3	3	12	14	7	
	18-20	16	11	8	4	4	1	1	2	4	4	11	14	7	
	21-23	20	14	10	8	5	1	1	2	5	4	14	15	8	
	ALL HRS	24	19	15	13	12	7	5	8	12	12	20	20	14	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	18	14	9	10	7	2	2	3	5	5	15	15	9	
	03-05	23	19	13	17	14	9	7	10	12	13	20	18	15	
	06-08	26	23	16	20	19	12	9	15	24	23	28	24	20	
	09-11	21	16	11	9	4	1	1	4	7	8	18	18	10	
	12-14	13	9	6	3	2	1	#	1	2	3	9	12	5	
	15-17	12	7	6	3	1	#	#	#	2	2	9	9	4	
	18-20	15	7	5	3	2	#	#	1	2	3	8	10	5	
	21-23	16	9	5	4	2	#	0	1	4	3	11	12	6	
	ALL HRS	18	13	9	9	7	3	2	4	7	8	15	15	9	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	2	#	#	#	0	1	#	1	#	2	2	1	
	03-05	4	2	2	2	2	1	1	#	2	2	5	3	2	
	06-08	5	4	2	4	3	1	1	1	3	4	6	4	3	
	09-11	2	1	#	#	0	0	#	0	1	#	1	2	1	
	12-14	#	0	0	0	0	#	0	0	0	0	0	#	#	
	15-17	1	#	0	0	0	#	0	0	0	0	#	#	#	
	18-20	#	1	0	0	#	0	#	0	0	#	#	1	#	
	21-23	1	1	0	#	0	0	0	0	0	#	1	1	#	
	ALL HRS	2	1	1	1	1	#	#	#	1	1	2	2	1	10

A W S CLIMATIC BRIEF October 1987	Station Name: FORT POLK/POLK AAF LA Latitude/Longitude: N31 03 W093 11 Hourly Obs POR: Full-time: Apr 81 to Apr 87 Part-time: May 77 to Mar 81 Summary of Day POR: Full-time: Apr 81 to Apr 87 LST - GMT -6 Part-time: Sep 62 to Mar 81	Field Elev: 329 ft Station WSC: 722390 Call Sign: KPOE Supersedes: Aug 1986

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	79@	86	89@	97@	97@	101@	104@	103@	100	93@	87@	81@	104@	25
MEAN MAX TEMP °F	58	62	70	75	83	89	92	92	86	78	69	60	76	6
MEAN TEMP °F	49	53	61	66	74	80	84	83	77	70	61	52	67	6
MEAN MIN TEMP °F	39	44	51	57	64	71	75	74	68	61	52	43	58	6
XTRM MIN TEMP °F	13@	18@	24@	35@	45@	53	64@	60	47	31@	20@	13	13	25
D/W TEMP ≥ 95°F	0	0	0	#	0	1	5	6	#	0	0	0	12	6
D/W TEMP ≥ 90°F	0	0	0	0	2	15	25	24	9	#	0	0	75	6
D/W TEMP ≤ 40°F	17	10	3	1	0	0	0	0	0	0	3	12	46	6
D/W TEMP ≤ 32°F	6	2	#	0	0	0	0	0	0	0	1	4	13	6
VPR PRESS "Hg	.21	.26	.32	.42	.58	.71	.76	.76	.64	.49	.38	.27	.45	10
MEAN DEWPOINT °F	36	41	47	54	63	69	71	71	66	58	51	42	56	10
99.95% WCPA Ft	700	800	900	750	650	550	450	450	550	650	700	750	700	10
MEAN RH 07 LST %	77	79	79	78	84	83	82	85	84	82	83	79	81	10
MEAN RH 13 LST %	58	57	51	51	56	56	54	54	55	54	60	58	55	10
MAX 24HR PRECIP "	4.2	3.9	6.2@	5.7@	4.2@	4.8@	4.8@	3.2@	14.4@	4.3@	4.4	4.9	14.4@	25
MAX PRECIP "	14.2@	11.0	12.9	12.7	12.7@	10.0@	15.1@	7.6@	19.6@	16.9	14.2	18.6	19.6	25
MEAN PRECIP "	4.2	7.0	2.7	3.6	5.9	5.9	3.7	4.3	5.3	6.0	7.2	8.0	63.8	6
MIN PRECIP "	.7	.7@	.8	.6@	1.2@	.3@	.7@	# @	.4@	.2@	0 @	1.0@	0	25
D/W PRECIP ≥ .01"	10	10	10	11	9	11	9	9	9	11	10	10	119	6
D/W PRECIP ≥ .5"	2	4	2	3	4	3	2	3	3	4	4	4	38	6
MAX 24HR SNFL "	2@	#	#	0	0	0	0	0	0	0	0	#	2@	25
MAX SNFL "	4	#	#	0	0	0	0	0	0	0	0	#	4	25
MEAN SNFL "	#	#	0	0	0	0	0	0	0	0	0	#	#	6
D/W SNFL ≥ 0.1"	#	0	0	0	0	0	0	0	0	0	0	0	#	6
D/W SNFL ≥ 1.5"	#	0	0	0	0	0	0	0	0	0	0	0	#	6
MEAN WND DRCTN	$N	$N	$S	S	S	$S	$S	$S	$S	$N	$S	$N	$S	10
MEAN WND SPD Kts	4	5	5	5	4	3	3	3	3	4	4	4	4	10
MAX WND SPD** Kts	54@	52@	45@	64@	60@	47@	52@	39@	40@	45@	37@	46@	64@	25
MEAN CLD CVR 10th	6	7	6	6	6	5	5	5	5	6	6	6	6	10
D/W TSTORMS	2	3	6	7	8	11	14	11	8	6	4	3	83	6
D/W FOG VSBY <7mi	17	20	23	21	24	26	23	23	22	24	21	17	261	6

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Extremes include both full- and part-time POR.

Hurricanes/tropical storms observed (1900-1985):

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL
Within 60NM	0/0	0/1	0/1	1/2	0/2	0/0	1/0	2/6
Within 120NM	0/0	1/4	1/3	5/6	4/13	0/1	1/0	12/27
Within 240NM	0/1	3/8	5/13	18/23	17/35	3/7	1/0	47/87

A W S CLIMATIC BRIEF October 1987	Station Name: FORT POLK/POLK AAF LA Latitude/Longitude: N31 03 W093 11 Hourly Obs POR: Full-time: Apr 81 to Apr 87 Part-time: May 77 to Mar 81 Summary of Day POR: Full-time: Apr 81 to Apr 87 LST = GMT -6 Part-time: Sep 62 to Mar 81	Field Elev: 329 ft Station MSC: 722390 Call Sign: KPOE Supersedes: Aug 1986

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	29	33	27	27	22	15	3	6	13	26	41	38	23	6
	03-05	33	43	34	37	38	29	10	10	21	38	45	41	32	8
CIG/VSBY	06-08	40	48	38	39	41	30	12	17	27	38	46	39	35	10
	09-11	36	40	31	29	24	17	8	9	16	29	36	35	26	10
LESS THAN	12-14	31	29	22	18	13	8	3	5	10	17	27	27	18	10
	15-17	27	24	17	13	8	3	2	4	5	11	21	23	13	10
3000/3	18-20	28	23	15	13	7	3	3	3	6	13	24	24	14	10
	21-23	26	27	19	18	12	5	2	3	5	17	35	29	17	9
	00-24	31	33	25	24	21	14	5	7	13	24	34	32	22	
	00-02	22	25	19	21	14	13	2	5	12	23	35	30	18	6
	03-05	27	35	24	29	29	26	8	9	20	34	36	32	26	8
CIG/VSBY	06-08	32	38	30	33	33	26	11	17	25	33	38	32	29	10
	09-11	28	29	21	15	11	5	2	4	10	18	28	26	16	10
LESS THAN	12-14	22	17	10	7	4	2	1	2	4	8	16	18	9	10
	15-17	19	14	8	6	2	1	1	2	3	7	13	16	8	10
1500/3	18-20	20	16	10	6	4	1	2	1	4	8	14	16	9	10
	21-23	19	21	12	11	7	2	1	2	4	12	25	20	11	9
	00-24	24	24	17	16	13	10	4	5	10	18	26	24	16	
	00-02	19	21	13	16	10	9	1	4	10	19	26	24	14	6
	03-05	23	27	19	21	21	20	5	8	17	30	27	27	20	8
CIG/VSBY	06-08	27	30	23	24	21	19	7	12	20	27	30	25	22	10
	09-11	23	21	12	7	4	2	1	2	5	12	20	20	11	10
LESS THAN	12-14	17	12	6	3	2	#	1	1	2	5	11	14	6	10
	15-17	15	10	5	4	1	1	1	1	2	6	10	13	6	10
1000/2	18-20	16	11	5	5	3	1	1	1	2	6	11	12	6	10
	21-23	15	16	6	6	4	1	#	1	3	8	19	14	8	9
	00-24	19	19	11	11	8	7	2	4	8	14	19	19	12	
	00-02	2	1	1	1	#	1	#	1	1	1	5	2	1	6
	03-05	3	4	3	4	3	3	1	2	2	6	4	3	3	8
CIG/VSBY	06-08	6	8	4	4	4	3	1	2	4	7	5	5	4	10
	09-11	3	1	#	#	#	0	0	0	0	1	2	2	1	10
LESS THAN	12-14	1	#	0	0	0	0	0	0	0	0	#	#	#	10
	15-17	1	#	0	0	#	0	#	#	0	0	1	0	#	10
200/½	18-20	2	#	1	0	0	0	#	0	#	#	1	1	#	10
	21-23	2	1	#	0	0	#	0	0	#	0	2	1	1	9
	00-24	3	2	1	1	1	1	#	1	1	2	3	2	2	

PREPARED BY: USAFETAC
June 1982

STATION NAME: BRUNSWICK NAS ME
LOCATION: N43 54 W 69 56

PERIOD: JAN 52-JAN 81 B
ELEV: 75 FT

STN LTRS: NHZ
WBAN NO: 74020

AWS CLIMATIC BRIEF

TEMPERATURE (°F) — MEAN — DAILY: MAX, MIN; MONTHLY

MONTH	MAX	MIN	MONTHLY
JAN	30	11	21
FEB	32	13	23
MAR	40	24	32
APR	52	34	43
MAY	63	44	53
JUN	72	53	63
JUL	78	59	69
AUG	76	58	67
SEP	68	50	59
OCT	58	40	49
NOV	48	31	39
DEC	35	17	26
ANN	54	36	45
YR	29	29	29

TEMPERATURE (°F) — EXTREMES

MONTH	MAX	MIN
JAN	61	-26
FEB	59	-25
MAR	73	-10
APR	83	13
MAY	92	28
JUN	96	37
JUL	98	42
AUG	104	37
SEP	95	28
OCT	85	17
NOV	74	5
DEC	62	-21
ANN	104	-25
YR	29	29

PRECIPITATION (IN) — MONTHLY

MONTH	MEAN	MAX	MIN	MAX 24 HRS
JAN	3.9	10.8	T	2.8
FEB	3.9	7.3	.0	3.0
MAR	4.2	10.9	.8	2.5
APR	3.8	6.4	1.1	3.2
MAY	3.3	6.5	.5	2.3
JUN	3.2	6.7	.7	2.9
JUL	2.7	5.9	.6	3.2
AUG	3.2	8.1	1.1	5.9
SEP	3.3	11.6	.6	8.1
OCT	3.8	8.6	1.0	2.9
NOV	4.8	10.3	1.2	2.6
DEC	4.8	11.0	1.4	3.1
ANN	44.9	11.6	.0	8.1
YR	29	29	29	29

SNOWFALL (IN) — MONTHLY

MONTH	MEAN	MAX	MAX 24 HRS
JAN	20	48	17
FEB	19	49	16
MAR	16	44	13
APR	3	14	11
MAY	T	3	3
JUN	0	0	0
JUL	0	0	0
AUG	0	0	0
SEP	0	0	0
OCT	T	T	T
NOV	4	14	14
DEC	15	62	21
ANN	81	62	21
YR	29	29	29

MEAN — RELATIVE HUMIDITY (%) LST 04 13; VAPOR PRESSURE (MB); DEW PT (°F)

MONTH	RH LST 04	RH LST 13	VAPOR PRESSURE (MB)	DEW PT (°F)
JAN	69	59	.07	10
FEB	66	55	.07	10
MAR	70	57	.11	21
APR	76	53	.17	31
MAY	81	56	.27	42
JUN	84	60	.40	53
JUL	85	60	.50	59
AUG	87	61	.50	59
SEP	85	62	.36	50
OCT	80	58	.24	39
NOV	78	63	.17	30
DEC	73	63	.09	16
ANN	78	59	.20	35
YR	10	10	10	10

PRESSURE ALTITUDE (FT) 99.95% — SURFACE WINDS — PVLG DIRCTN (IN PTS)

MONTH	PVLG DIRCTN (IN PTS)	SPEED MEAN (KT)	SPEED MAX (1) (KT)
JAN	1150	N	6	52
FEB	1050	N	7	59
MAR	1050	S	7	53
APR	900	S	7	50
MAY	700	S	7	50
JUN	650	S	6	48
JUL	550	S	6	50
AUG	450	S	5	73
SEP	600	S	5	72
OCT	800	S	6	49
NOV	950	N	6	55
DEC	1150	N	6	52
ANN	850	S	6	73
YR	10	10	10	28

CLOUD COVER (OKTAS)

MONTH	7
JAN	6
FEB	6
MAR	7
APR	7
MAY	7
JUN	7
JUL	6
AUG	6
SEP	6
OCT	6
NOV	6
DEC	6
ANN	7
YR	10

MEAN NUMBER OF DAYS OCCURRENCE OF — PRECIP (IN)

MONTH	≥ 0.01	≥ 0.5	≥ 1.0	≥ 1.5
JAN	11	3	1	1
FEB	10	3	1	1
MAR	11	3	1	1
APR	11	2	1	1
MAY	12	2	1	1
JUN	11	2	1	1
JUL	9	2	1	1
AUG	9	2	1	1
SEP	10	2	1	1
OCT	10	2	1	1
NOV	12	3	1	1
DEC	12	3	1	1
ANN	126	29	12	6
YR	29	29	29	29

SNOWFALL (IN)

MONTH	≥ 1.0	≥ 3.0
JAN	3	1
FEB	2	1
MAR	2	1
APR	1	0
MAY	0	0
JUN	0	0
JUL	0	0
AUG	0	0
SEP	0	0
OCT	1	0
NOV	1	0
DEC	2	1
ANN	11	3
YR	29	29

THUNDER HEARD

MONTH	
JAN	0
FEB	0
MAR	0
APR	1
MAY	2
JUN	3
JUL	5
AUG	4
SEP	1
OCT	0
NOV	0
DEC	0
ANN	17
YR	29

VSBY ≤ 7 MI

MONTH	
JAN	30
FEB	27
MAR	26
APR	12
MAY	17
JUN	19
JUL	20
AUG	20
SEP	19
OCT	18
NOV	16
DEC	13
ANN	192
YR	29

TEMPERATURE (°F) — MAX ≥ 90, ≥ 75; MIN ≤ 32, ≤ 00

MONTH	MAX ≥ 90	MAX ≥ 75	MIN ≤ 32	MIN ≤ 00
JAN	0	0	30	7
FEB	0	0	27	5
MAR	0	0	26	#
APR	0	0	12	0
MAY	#	3	1	0
JUN	1	11	0	0
JUL	1	21	0	0
AUG	1	19	0	0
SEP	#	6	#	0
OCT	0	1	7	0
NOV	0	0	18	0
DEC	0	0	29	2
ANN	3	61	150	14
YR	29	29	29	29

REMARKS

RUSSMO FOR:
HOURLY OBS: JAN 69-DEC 70, JAN 73-DEC 80
DAILY OBS: JAN 52-JAN 81

NUMBER OBSERVED WITHIN: (1900-1979)

	A/B	JUN	JUL	AUG	SEP	OCT	ANN
	60NM	0/0	0/0	0/0	0/1	0/0	0/1
(A) Hurricanes	120NM	0/0	0/1	1/0	1/1	0/1	2/3
(B) Tropical Storms	240NM	0/3	2/4	5/6	7/4	1/1	15/18

NOTE: * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM DATA % PVLG DIRCTN 3 BASED ON < FULL MONTHS

CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYS
00-02	27	21	25	24	29	32	32	34	30	28	31	27	28	
03-05	26	22	27	28	32	39	39	42	35	33	32	28	32	
06-08	26	23	30	28	31	33	32	36	34	31	33	28	30	
09-11	25	22	28	26	30	29	27	26	26	25	26	29	27	
12-14	24	20	27	24	25	26	24	22	25	25	29	26	25	
15-17	23	21	25	24	23	23	21	20	23	22	28	25	23	
18-20	23	19	24	23	26	25	24	26	24	23	27	25	24	
21-23	25	21	25	22	28	28	28	29	26	25	28	26	26	
ALL HRS	25	21	26	25	28	29	28	29	28	26	29	27	27	18

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYS
00-02	20	16	20	18	26	29	31	33	27	24	24	21	24	
03-05	19	17	23	22	29	36	36	40	31	30	26	20	27	
06-08	21	16	25	24	27	30	30	34	32	28	26	22	26	
09-11	21	17	23	20	23	24	22	23	21	20	21	22	21	
12-14	19	15	20	18	19	19	16	17	17	16	20	20	18	
15-17	19	15	20	17	19	19	16	15	16	15	21	18	18	
18-20	18	15	20	16	23	20	21	23	20	15	20	19	19	
21-23	17	15	20	16	25	26	26	27	21	18	22	19	21	
ALL HRS	19	16	21	19	24	25	25	27	23	21	23	20	22	18

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYS
00-02	17	13	17	15	24	26	27	28	22	21	21	16	21	
03-05	16	13	19	19	27	32	33	34	28	25	22	16	24	
06-08	18	14	21	20	23	27	26	31	26	23	21	18	22	
09-11	18	14	19	16	19	19	18	17	17	17	17	18	17	
12-14	16	13	17	13	15	15	13	12	13	13	16	16	14	
15-17	16	13	17	13	14	15	12	10	14	12	16	16	14	
18-20	14	13	16	12	20	16	18	16	15	13	16	17	16	
21-23	14	13	17	15	24	22	21	[illegible]	16	14	18	16	18	
ALL HRS	16	13	18	15	21	22	21	21	19	18	18	17	18	18

CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYS
00-02	4	4	7	5	10	11	11	10	8	6	5	3	7	
03-05	3	4	7	5	11	14	14	15	10	9	6	3	8	
06-08	4	3	6	5	7	8	9	9	6	7	6	4	6	
09-11	4	3	4	2	1	2	2	1	2	2	3	3	2	
12-14	3	2	2	1	0	1	1	0	1	0	1	0	1	
15-17	4	3	3	1	1	1	1	0	1	2	2	3	2	
18-20	3	3	4	2	4	4	3	2	3	2	3	4	3	
21-23	3	3	5	3	9	8	7	5	5	3	4	3	5	
ALL HRS	4	3	5	3	5	6	6	5	5	4	4	3	4	18

CR DATED NOV 1981 OBSOLETE

PREPARED BY: USAFETAC MAY 1987

STATION NAME: DOW AFB/BANGOR ME
LOCATION: N44 48 W068 50

PERIOD: MAR 48-DEC 86 B
ELEV: 192 FT

STN LTRS: BGR
WBAN NO: 726071

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	27	9	18	57	-28	3.4	7.6	.5	2.3	20	45	14
FEB	30	11	21	59	-30	3.3	7.4	.7	1.9	20	59	22
MAR	39	22	31	71	-11	3.3	7.1	.3	3.4	14	42	17
APR	51	33	42	86	7	3.3	11.0	.8	4.4	4	17	10
MAY	64	43	53	91	27	3.3	7.4	.5	2.8	#	5	4
JUN	73	52	63	96	36	3.1	7.0	1.0	2.7	0	0	0
JUL	78	58	69	97	41	3.6	7.6	#	3.0	0	0	0
AUG	77	57	67	102	39	3.1	5.7	.7	3.6	*	0	0
SEP	68	48	59	92	25	3.4	9.6	.8	6.0	#	#	#
OCT	57	39	48	86	19	3.5	6.2	1.0	2.1	1	8	8
NOV	44	30	37	72	5	4.5	11.6	1.0	5.1	9	25	19
DEC	32	16	24	65	-23	4.0	10.0	.9	4.1	17	48	26
ANN	53	35	44	102	-30	41.8	11.6	8	6.0	81	58	26
RYR	37	37	37	37	37	37	37	37	37	37	37	37

MONTH	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DIRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDERSTORMS	FOG VSBY ≤ 7MI	TEMPERATURE (°F) MAX ≥ 85	MAX ≥ 75	MIN ≤ 32	MIN ≤ 00
JAN	71	60	.06	8	1400	SWNW	7	58	6	12	2	9	5	#	12	0	0	29	8
FEB	72	57	.08	12	1100	SWNW	7	69	6	10	2	6	4	#	11	0	0	.	6
MAR	72	56	.11	21	1150	SWNW	8	55	6	12	2	7	3	#	13	0	0	27	1
APR	72	53	.17	30	1050	S	8	53	6	11	2	3	1	#	13	#	#	14	0
MAY	74	53	.27	42	800	S	7	46	7	12	2	#	#	2	15	1	4	1	0
JUN	77	60	.39	52	800	S	6	5	7	11	2	0	0	3	16	3	13	0	0
JUL	79	56	.49	58	700	S	6	45	6	11	2	0	0	4	17	5	23	0	0
AUG	82	59	.47	57	600	S	5	50	6	10	2	0	0	4	18	4	19	0	0
SEP	82	57	.35	49	700	S	6	46	6	10	2	0	0	2	17	1	6	1	0
OCT	81	57	.24	39	950	S	6	47	6	10	2	#	#	1	15	#	1	#	0
NOV	80	65	.17	30	1050	SWNW	7	59	7	12	3	2	1	#	15	0	0	20	0
DEC	76	63	.10	17	1200	SWNW	7	50	6	13	2	#	#	1	18	0	0	29	4
ANN	77	58	.28	35	1000	S	7	69	6	134	25	37	17	16	175	14	66	157	19
RYR	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37

REMARKS RUSSWO POR:
HOURLY OBS: JAN 77-DEC 86
SUMMARY OF DAY DATA: MAR 48-OCT 49, MAR 51-DEC 86

NUMBER OBSERVED WITHIN: (1900-1982)

	A/B	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
(A) Hurricanes 120NM	0/0	0/2	2/1	0/0	0/0	0/0	2/5	
(B) Tropical Storms 240NM	0/1	2/5	4/9	7/3	0/1	0/1	13/20	

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GRTR % PLVG DIRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	RYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	26	29	30	29	30	30	26	30	25	27	33	31	29	
	03-05	25	29	33	31	32	34	30	37	30	29	35	29	31	
	06-08	26	25	33	33	35	33	27	37	30	28	37	31	31	
	09-11	26	24	33	33	29	32	23	29	23	26	35	30	29	
	12-14	26	23	30	28	25	26	19	23	19	23	30	27	25	
	15-17	25	22	26	23	21	21	15	18	15	20	29	28	22	
	18-20	26	25	25	25	23	20	17	18	17	21	29	28	23	
	21-23	28	27	27	26	27	24	19	23	21	22	30	30	25	
	ALL HRS	26	26	30	29	28	28	22	27	23	25	32	29	27	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	21	23	23	26	26	23	27	21	22	25	23	23	
	03-05	19	22	26	27	27	32	26	33	28	25	27	22	26	
	06-08	19	20	27	29	30	31	25	35	28	23	30	22	**	
	09-11	21	17	25	24	23	26	17	24	18	21	28	22		
	12-14	20	15	20	18	18	19	12	16	12	16	23	19		
	15-17	21	16	19	17	16	15	11	12	11	14	22	20		
	18-20	21	18	18	18	19	15	13	15	15	16	23	19		
	21-23	20	19	20	21	22	20	16	19	18	17	21	22	*	
	ALL HRS	20	19	22	22	23	23	18	23	19	19	25	21	21	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	17	16	19	24	21	19	23	18	19	20	17	19	
	03-05	15	18	21	23	25	27	24	30	23	21	22	17	22	
	06-08	16	15	22	24	25	26	21	31	22	20	24	17	22	
	09-11	17	12	19	19	17	20	12	18	12	15	23	16	17	
	12-14	15	11	16	13	13	13	8	10	9	11	18	14	13	
	15-17	16	13	14	13	13	11	9	9	9	11	19	16	13	
	18-20	15	13	15	13	16	14	10	12	12	13	20	16	14	
	21-23	16	14	17	14	19	15	14	16	14	15	17	17	16	
	ALL HRS	16	14	18	17	19	18	15	19	15	16	20	16	17	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	3	4	3	5	0	*	7	5	2	5	3	4	
	03-05	1	4	5	4	7			9	8	4	6	3	6	
	06-08	2	3	5	3	2			6	5	3	7	2	4	
	09-11	2	2	2	1	#			#	#	#	2	2	1	
	12-14	2	2	1	1	0	#		#	0	#	1	2	1	
	15-17	2	1	1	1	#	#		#	#	#	1	2	1	
	18-20	2	3	2	2	1	1	#	1	1	1	2	3	2	
	21-23	1	3	3	2	3	4	2	3	3	2	4	3	3	
	ALL HRS	2	3	3	2	2	3	2	3	3	2	3	3	3	10

A W S CLIMATIC BRIEF October 1987	Station Name: LORING AFB ME Latitude/Longitude: N46 57 W067 53 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Aug 50 to Jul 87 LST = GMT -5	Field Elev: 746 FT Station MSC: 727125 Call Sign: KLIZ *Supersedes:* Aug 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	53	57	72	80	89	94	95	94	86	80	67	59	95	37
MEAN MAX TEMP °F	19	23	32	45	60	70	75	72	63	51	37	24	48	37
MEAN TEMP °F	11	15	25	38	50	60	66	63	54	43	31	17	39	37
MEAN MIN TEMP °F	3	6	17	29	40	50	56	53	44	35	25	10	31	37
XTRM MIN TEMP °F	-30	-29	-16	2	19	32	37	35	23	17	-4	-24	-30	37
D/W TEMP ≥ 80°F	0	0	0	#	1	4	8	5	1	#	0	0	19	37
D/W TEMP ≥ 75°F	0	0	0	#	3	9	16	12	3	#	0	0	43	37
D/W TEMP ≤ 32°F	31	27	29	20	5	#	0	0	2	13	24	30	181	37
D/W TEMP ≤-05°F	9	5	1	0	0	0	0	0	0	0	0	4	19	37
VPR PRESS ("Hg)	.05	.06	.09	.15	.22	.34	.44	.40	.30	.20	.14	.07	.17	10
MEAN DEWPOINT °F	2	7	15	27	37	48	55	53	45	34	25	11	30	10
99.95% WCPA Ft	2050	1750	1750	1650	1450	1450	1300	1250	1350	1600	1700	1850	1650	10
MEAN RH 07 LST %	69	69	71	72	69	74	78	80	82	80	80	75	75	10
MEAN RH 13 LST %	65	62	61	58	51	55	58	59	62	62	71	70	61	10
MAX 24HR PRECIP "	2.1	1.9	1.8	1.9	2.4	2.0	2.8	5.4	4.8	4.1	2.9	2.0	5.4	37
MAX PRECIP "	5.4	5.5	5.8	5.2	6.5	7.4	6.5	11.1	7.7	7.4	9.0	6.7	11.1	37
MEAN PRECIP "	2.7	2.4	2.7	2.6	3.1	3.4	4.1	4.3	3.6	3.1	3.7	3.3	39.0	37
MIN PRECIP "	.4	.3	.5	.4	.5	.9	1.8	1.1	.7	1.1	1.4	1.0	.3	37
D/W PRECIP ≥0.01"	15	13	13	12	13	13	14	13	12	13	15	16	162	37
D/W PRECIP ≥0.5"	1	1	1	1	2	2	3	3	2	2	2	2	22	37
MAX 24HR SNFL "	16	19	26	19	6	#	0	0	1	11	15	17	26	37
MAX SNFL "	47	47	52	36	11	#	0	0	1	13	33	58	58	37
MEAN SNFL "	26	23	22	9	1	#	0	0	#	2	12	26	21	37
D/W SNFL ≥ 0.1"	14	12	11	6	1	#	0	0	#	2	8	14	68	37
D/W SNFL ≥ 1.5"	5	5	4	2	#	0	0	0	0	1	3	6	26	37
MEAN WND DRCTN	W	NNW	NW	S	S	S	S	$S	$S	S	S	$NW	S	10
MEAN WND SPD (Kt)	7	7	7	7	6	6	5	5	5	6	7	7	6	10
MAX WND SPD**(Kt)	51	50	48	52	51@	44	50	48	45	45	48@	57	57	32
MEAN CLD CVR 10th	7	7	7	7	7	7	7	7	7	7	8	7	7	10
D/W TSTORMS	#	0	#	#	2	4	6	4	1	#	0	0	17	37
D/W FOG VSBY <7mi	8	7	8	10	10	11	13	13	13	12	12	10	127	37

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	JUL	AUG	SEP	ANNUAL
Within 60NM	0/1	0/0	0/0	0/1
Within 120NM	0/1	0/1	2/0	2/2
Within 240NM	1/4	1/2	6/2	8/8

A W S CLIMATIC BRIEF October 1987	Station Name: LORING AFB ME Latitude/Longitude: N46 57 W067 53 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Aug 50 to Jul 87 LST = GMT -5	Field Elev: 746 FT Station MSC: 727125 Call Sign: KLIZ Supersedes: Aug 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	29	25	30	30	25	19	19	21	18	26	36	37	26	
	03-05	30	27	33	34	27	22	25	27	24	27	37	39	29	
CIG/VSBY	06-08	29	27	34	34	31	27	25	30	26	31	43	39	31	
	09-11	30	26	35	35	32	27	22	30	28	33	43	38	32	
LESS THAN	12-14	33	27	36	33	26	18	17	23	25	30	45	38	29	
	15-17	28	26	32	30	21	16	11	16	18	26	39	36	25	
3000/3	18-20	27	20	30	27	20	13	12	15	17	24	37	36	23	
	21-23	29	23	29	26	21	15	15	19	17	25	35	35	24	
	00-24	29	25	32	31	25	20	18	23	22	28	39	37	27	10
	00-02	19	17	21	21	18	13	13	17	13	17	23	24	18	
	03-05	19	16	23	26	21	16	20	22	18	18	24	25	21	
CIG/VSBY	06-08	20	18	24	27	24	19	20	24	18	21	27	25	22	
	09-11	22	18	24	23	18	14	13	19	18	19	28	24	20	
LESS THAN	12-14	21	18	21	19	13	10	6	12	12	16	26	25	17	
	15-17	20	16	18	17	12	9	4	9	10	14	25	23	15	
1500/3	18-20	19	14	18	15	12	7	7	10	10	13	24	23	14	
	21-23	20	13	20	16	14	9	9	14	10	15	23	24	16	
	00-24	20	16	21	21	17	12	12	16	14	17	25	24	18	10
	00-02	14	12	17	14	15	9	8	13	11	14	19	18	14	
	03-05	14	12	18	21	16	13	16	17	15	15	20	19	16	
CIG/VSBY	06-08	14	12	19	21	17	13	16	18	13	16	22	20	17	
	09-11	17	13	19	18	13	8	8	11	11	14	21	18	14	
LESS THAN	12-14	15	13	16	14	8	5	2	7	7	11	19	17	11	
	15-17	16	12	14	12	7	5	2	7	7	10	20	18	11	
1000/2	18-20	15	10	14	11	8	5	3	7	8	10	20	20	11	
	21-23	14	10	15	12	10	6	5	12	8	12	19	20	12	
	00-24	15	12	17	15	12	8	8	12	10	13	20	19	13	10
	00-02	2	1	1	1	1	2	1	2	1	1	2	2	1	
	03-05	2	2	2	2	2	2	4	4	3	1	4	3	3	
CIG/VSBY	06-08	1	1	2	1	1	1	2	2	3	1	4	3	2	
	09-11	2	1	2	1	0	#	0	0	#	#	3	1	1	
LESS THAN	12-14	2	1	2	1	0	0	0	0	0	#	2	2	1	
	15-17	2	1	1	1	0	#	0	#	0	#	2	2	1	
200/½	18-20	1	#	1	1	0	#	#	#	0	1	2	1	1	
	21-23	2	1	1	1	#	1	#	2	1	1	2	2	1	
	00-24	2	1	2	1	1	1	1	1	1	1	3	2	1	10

PREPARED BY: USAFETAC
OCTOBER 1979

STATION NAME: PRESQUE ISLE MUNICIPAL AIRPORT, MAINE
LOCATION N46 41 W068 02

PERIOD (YRS)
ELEV 534 FT

STN LTRS ROI
WBAN NO 14604
WMO NO 727130

AWS CLIMATIC BRIEF

MONTH	1 TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	1 PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY 1 MEAN	MONTHLY T MAX	6a MAX 24 HRS
JAN	22	3	13	48	-35	2.4	5.3	0.3	1.5	20	38	8
FEB	25	4	15	51	-37	2.3	5.3	0.8	2.1	18	42	15
MAR	34	15	25	74	-22	2.4	5.8	0.4	1.3	17	39	10
APR	47	28	38	76	-3	2.3	4.4	0.5	1.4	6	18	7
MAY	62	39	51	89	20	2.9	6.4	0.8	1.8	1	10	*
JUN	73	50	61	92	30	3.2	6.4	1.2	3.0	0	0	0
JUL	77	55	66	95	37	4.2	7.1	2.0	4.0	0	0	0
AUG	74	52	63	94	29	3.7	7.3	1.3	2.9	0	0	0
SEP	66	45	55	88	24	3.6	9.0	0.9	4.5	0	0	0
OCT	54	36	45	79	15	3.2	5.2	0.6	2.6	2	11	3
NOV	39	25	32	60	-3	3.3	7.7	1.3	2.0	9	24	8
DEC	25	9	17	57	-28	3.0	6.4	0.7	2.7	20	50	8
ANN	50	30	40	95	-37	36.5	9.0	0.3	4.5	93	50	15
YR	23	23	23	23	23	23	23	23	23	23	23	7

MONTH	4 MEAN RELATIVE HUMIDITY (%) LST MEAN	VAPOR PRESSURE (IN Hg)	DEW PT (°F)	2 PRESSURE ALTITUDE (FT) 99 95%	SURFACE WINDS 5 PVLG DRCTN (16 PTS)	3 SPEED MEAN (KT)	SPEED MAX (KT)	3 CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF 1 PRECIP (IN) ≥ 0.1	≥ 0.5	SNOWFALL (IN) 3 ≥ 0.1	4 ≥ 1.5	2 THUNDERSTORMS	2 FOG	TEMPERATURE (°F) 1 MAX 90 ≥	30 ≥	6 1 MIN 32 ≤	0 ≤
JAN	77	.06	7	1550	SW	8	40	7	6	1	13	4	0	8	0	5	31	14
FEB	75	.06	8	1750	SNW	9	40	7	6	1	12	4	0	8	0	0	28	11
MAR	74	.10	18	1500	SNNW	8	40	7	6	2	8	1	0	8	0	0	29	4
APR	72	.16	29	1350	SW	9	40	7	6	2	4	1	0	11	0	0	22	*
MAY	67	.23	38	1200	SNW	8	27	7	8	2	0	0	1	9	0	2	7	0
JUN	71	.35	49	1200	SS	7	27	7	7	2	0	0	4	11	*	6	*	0
JUL	74	.45	56	1100	SS	7	27	6	8	3	0	0	5	11	1	11	0	0
AUG	75	.42	54	1100	SS	6	27	6	8	2	0	0	4	11	*	7	*	0
SEP	76	.32	47	1150	SS	7	27	6	7	2	*	0	1	11	0	2	3	0
OCT	76	.22	37	1250	SS	8	40	6	7	2	1	*	1	11	0	0	13	0
NOV	80	.14	26	1400	SNW	7	40	7	7	2	5	3	0	11	0	0	24	*
DEC	78	.07	11	1550	SW	8	27	7	7	2		5	0	9	0	0	30	9
ANN	75	.19	32	1400	SNW	8	40	7	83	2	*	20	16	119	1	28	187	38
YR	12	12	12	11	11	15	15	15	23	23	5	12	11	11	23	23	23	23

REMARKS: Source:
1. Climatography of the U.S. No. 20, Climate of Presque Isle, Maine: POR: 1951-1973
2. Revised Uniform Summary of Surface Weather Observations: POR: Jan 46-Jul 48, Mar 51-Sep 59
3. Uniform Summary of Surface Weather Summary: POR: 1941-1955
4. World-wide Airfield Summaries, Vol IV: POR: Unknown
5. A General Analysis of the Climate of the 1st U.S. Army Area: POR: Unknown
6. Climatological Data Set for New England: POR: 1951-1973

* POR: Nov 1949-Dec 1956

NOTE: *DATA NOT AVAILABLE # AMTS<1/2UTTS SHOWN IN HEADING **MAX HRLY WND SP CLASS INT S% CALM GRTR % PVLG DRCTN @ BASED ON ≤ FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	01-03	31	30	25	28	26	21	16	[illegible]	20	22	31	31	25	
	04-06	33	32	27	30	32	27	22	[illegible]	27	23	33	31	28	
	07-09	31	33	29	29	31	27	25	21	28	28	36	34	29	
	10-12	32	33	30	31	32	26	23	21	27	32	38	32	30	
	13-15	31	32	29	29	27	21	17	17	20	28	41	30	27	
	16-18	33	32	26	27	23	16	13	13	15	23	35	30	24	
	19-21	30	29	24	25	21	18	11	10	15	22	33	28	22	
	22-24	32	28	24	25	21	18	13	10	17	22	30	29	22	
	ALL HRS	32	31	27	28	27	22	18	16	21	25	35	31	26	11
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	01-03	18	20	15	18	16	14	11	10	14	13	17	19	15	
	04-06	18	21	17	20	22	19	16	15	20	15	19	18	18	
	07-09	19	24	20	18	22	18	17	16	20	20	22	19	20	
	10-12	19	22	17	18	17	13	12	12	14	19	21	19	17	
	13-15	18	18	16	14	13	9	9	8	9	16	21	16	14	
	16-18	16	18	14	13	10	8	7	7	9	15	21	16	13	
	19-21	16	17	12	13	10	10	6	6	8	14	18	16	12	
	22-24	18	18	13	14	13	11	8	6	11	13	17	19	13	
	ALL HRS	18	20	16	16	10	13	11	10	13	16	20	18	15	11
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	01-03	13	13	9	13	11	10	8	6	7	9	13	13	10	
	04-06	13	15	11	15	16	14	13	10	13	12	14	12	13	
	07-09	13	17	14	13	16	12	12	12	14	15	15	14	14	
	10-12	13	16	12	12	10	7	7	9	7	14	16	13	11	
	13-15	14	13	9	10	6	4	5	5	5	12	15	12	9	
	16-18	12	13	10	8	6	5	4	4	6	11	15	11	9	
	19-21	12	11	8	9	6	6	4	5	5	9	12	12	9	
	22-24	12	12	8	10	8	7	6	4	7	8	13	13	9	
	ALL HRS	13	14	10	11	10	8	7	7	8	11	14	13	11	11
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN ½ MI	01-03	2	2	1	1	1	1	2	1	1	1	3	2	1	
	04-06	2	2	2	3	1	3	3	2	4	2	2	1	2	
	07-09	2	2	1	2	*	1	1	1	2	2	2	4	2	
	10-12	2	3	1	*	*	0	0	0	0	1	2	2	1	
	13-15	2	2	1	*	0	*	0	0	0	0	2	3	1	
	16-18	2	3	1	*	0	0	*	0	0	0	2	2	1	
	19-21	1	2	1	*	0	*	*	0	0	*	2	2	1	
	22-24	1	2	1	*	0	*	0	*	0	*	1	2	1	
	ALL HRS	2	2	1	1	*	1	1	1	1	1	2	2	1	11

CB DATED DEC 81 IS OBSOLETE

PREPARED BY: USAFETAC
NOVEMBER 1986

STATION NAME: ANDREWS AFB MD
LOCATION: N38 49 2076 52

PERIOD: JUN 43-AUG 86
ELEV: 281 FT

STN LTRS: KADW
WSC NO: 745940

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (ET) 00	CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	≥ 0.5	SNOWFALL (IN) ≥ 0.1	≥ 1.0	THUNDERSTORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 85	MIN ≤ 32	MIN ≤ 20
JAN	42	27	34	77	-5	3.1	8.0	.3	2.3	6	27	10	66	55	.10	18	1050	NW	7	60	6	10	2	3	1	8	12	0	0	23	7
FEB	44	28	36	80	-4	2.8	6.7	.4	2.0	6	31	20	70	55	.12	23	950	NW	7	62	6	9	2	2	1	8	11	0	0	19	4
MAR	53	36	45	87	10	3.6	6.6	1.0	2.0	4	28	13	67	50	.17	30	1000	NW	8	69	6	11	3	3	1	1	12	0	0	12	1
APR	65	45	55	96	23	3.0	8.8	.2	2.7	1	3	3	66	47	.23	38	950	NW	7	62	6	10	2	0	0	3	11	0	1	2	0
MAY	74	54	64	96	33	4.0	11.3	1.0	4.6	0	0	0	74	53	.38	51	750	S	6	698	7	11	3	0	0	5	14	1	4	0	0
JUN	82	63	72	100	42	3.7	10.5	.6	3.9	0	0	0	77	54	.52	60	700	S	5	64	6	10	2	0	0	6	15	5	12	0	0
JUL	86	66	77	102	48	4.3	14.3	.6	4.38	0	0	0	78	55	.62	65	600	S	5	74	6	10	3	0	0	8	15	8	18	0	0
AUG	84	66	75	101	45	4.4	14.2	.4	7.1	0	0	0	80	56	.60	64	550	S	5	60	6	9	3	0	0	6	17	6	15	0	0
SEP	78	60	69	100	38	3.6	12.6	.4	7.2	0	0	0	80	54	.47	57	650	N	5	59	6	8	2	0	0	2	16	2	7	0	0
OCT	67	49	58	92	28	3.3	7.5	.8	3.0	#	4	4	78	55	.31	46	750	N	5	47	6	7	2	#	#	1	15	#	1	1	0
NOV	56	39	48	84	13	3.3	7.1	.2	3.1	1	11	11	75	55	.22	37	850	NW	6	548	6	9	2	1	#	#	13	0	0	7	#
DEC	45	30	38	76	6	3.4	6.9	.4	3.0	3	18	10	71	56	.15	27	950	NW	7	57	6	9	2	2	1	#	12	0	0	19	4
ANN	65	47	56	102	-5	42.5	14.3	#	7.2	20	31	20	76	58	.28	43	850	NW	6	76	6	113	28	9	4	52	163	22	58	83	16
YR	43	43	43	43	43	43	43	43	43	41	41	41	10	10	10	10	10	10	10	38	10	43	43	41	41	41	41	43	43	43	43

REMARKS RUSSMO POR:
HOURLY OBS: JUL 76-AUG 86
SUMMARY OF DAY DATA: JUN 43-AUG 86
HOURS SUMMARIZED: 0000-2300 LST

NUMBER OBSERVED WITHIN: A/B (1900-1985)

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/0	0/1	0/4	2/3	1/0	0/0	3/8
(A) Hurricanes 120NM	0/0	0/0	0/2	0/5	0/4	0/0	0/0	0/11
(B) Tropical Storms 240NM	1/0	0/6	3/5	12/20	9/12	1/1	0/1	26/45

NOTE: * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S % CALM GSTS % PVLG DRCTN 3 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	18	23	16	15	15	11	9	10	13	15	19	17	15	
	03-05	19	23	19	18	21	14	16	16	20	20	22	17	19	
	06-08	19	25	21	18	23	18	21	24	25	25	25	18	22	
	09-11	20	23	18	16	19	11	12	13	18	18	22	19	17	
	12-14	19	20	17	13	17	8	7	9	12	17	18	15	14	
	15-17	18	21	15	13	15	7	6	6	9	14	18	15	13	
	18-20	19	21	14	13	13	9	7	8	10	13	17	17	13	
	21-23	18	22	15	13	12	9	6	7	11	14	18	17	14	
	ALL HRS	19	22	17	15	17	11	11	12	15	17	20	17	16	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	16	19	12	11	11	8	7	8	9	11	15	13	12	
	03-05	15	19	13	13	18	12	13	15	14	16	17	14	15	
	06-08	15	21	15	14	21	14	19	21	19	20	20	15	18	
	09-11	18	21	14	12	14	7	8	9	11	14	18	15	13	
	12-14	16	17	11	10	8	4	4	4	6	11	12	12	10	
	15-17	15	16	10	9	8	5	4	4	5	9	12	13	9	
	18-20	15	17	9	8	9	7	5	6	7	9	13	12	10	
	21-23	14	17	11	10	8	6	5	6	7	9	14	12	11	
	ALL HRS	16	18	12	11	12	8	8	9	10	12	15	13	12	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	17	10	8	9	5	4	4	7	10	13	12	9	
	03-05	12	17	11	11	14	9	7	9	10	13	14	12	12	
	06-08	13	18	13	12	16	9	9	10	12	16	18	12	13	
	09-11	15	16	11	11	10	5	4	3	6	13	14	12	10	
	12-14	13	13	9	9	4	2	1	1	4	8	11	10	7	
	15-17	13	12	8	8	5	2	2	2	3	7	11	11	7	
	18-20	12	15	7	7	6	3	1	2	3	7	10	10	7	
	21-23	12	15	8	8	6	3	2	3	5	9	13	10	8	
	ALL HRS	13	15	10	9	9	5	4	4	6	10	13	11	9	10
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	4	1	2	1	#	#	0	1	1	2	3	1	
	03-05	3	5	1	2	2	1	1	1	2	3	3	3	2	
	06-08	3	4	3	2	2	1	1	1	1	3	3	4	2	
	09-11	2	3	1	1	#	0	0	0	0	#	1	2	1	
	12-14	1	2	#	1	#	0	0	0	0	0	1	1	1	
	15-17	1	3	#	#	0	#	#	0	0	0	1	1	1	
	18-20	2	3	1	1	#	0	0	0	0	1	2	2	1	
	21-23	2	3	1	1	#	0	#	0	#	1	2	2	1	
	ALL HRS	2	3	1	1	1	#	#	0	1	1	2	2	1	10

AWS CLIMATIC BRIEF

FORT MEADE/TIPTON AAF/ODENTON, MARYLAND — PERIOD: 1959-70 — WBAN # 93733 — WMO #

Prepared by ETAC (FEB 1972) — N 39 05 W 76 46 — FIELD ELEVATION: 150 ft — STN LTRS: KFME

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (PEAK) (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (mb) 99.95% (feet)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (TENTHS)
JAN	64	40	21	-11	3.3	1.9	7	6	WNW	5	50	74	55	20	.11	750	9	2	4	1	#	12	0	0	27	2	6
FEB	71	42	25	-3	3.6	1.6	8	8	WNW	6	50	72	53	21	.11	900	10	3	5	2	#	12	0	0	22	1	6
MAR	82	52	31	1	4.2	1.9	9	14	NW	6	47	74	51	28	.15	850	11	3	2	2	#	12	0	#	19	0	6
APR	92	62	40	18	3.4	1.8	#	#	WNW	6	52	77	48	38	.23	850	11	2	0	0	2	12	1	4	7	0	6
MAY	93	74	51	32	3.0	2.7	0	0	WNW	5	45	81	49	48	.34	650	9	2	0	0	5	13	1	8	#	0	6
JUN	97	82	59	41	3.4	2.6	0	0	S	4	45	87	52	59	.50	550	10	2	0	0	7	16	5	19	0	0	6
JUL	98	85	63	49	2.3	1.7	0	0	S	3	43	87	53	63	.58	500	8	2	0	0	5	16	7	26	0	0	6
AUG	96	84	62	44	3.8	3.1	0	0	S	3	42	88	54	63	.58	450	8	3	0	0	5	17	5	24	0	0	5
SEP	95	77	56	34	3.6	4.4	0	0	N	3	43	88	55	56	.45	550	7	2	0	0	2	18	3	12	0	0	5
OCT	87	67	42	20	2.0	2.4	0	0	WNW	3	41	87	51	44	.29	650	6	1	0	0	#	16	0	2	5	0	4
NOV	83	56	34	14	3.7	3.0	#	2	WNW	5	45	80	53	34	.20	850	9	2	1	#	0	13	0	#	16	0	5
DEC	70	43	24	-3	3.0	1.6	7	7	WNW	4	55	77	58	24	.13	850	9	2	3	2	#	13	0	0	25	#	6
ANN	98	64	42	-11	39.3	4.4	31	14	WNW	4	55	81	53	42	.27	750	107	26	15	7	26	170	22	95	121	3	5
EYR	7	7	7	7	8	8	8	8	11	11	10	11	11	11	11	11	8	8	8	8	7	7	7	7	7	7	11

REMARKS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NUMBER OBSERVED WITHIN:	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1970) 60 NM	0/0	0/0	0/0	0/0	0/0	0/0	1/0	3/0	6/0	0/0	0/0	0/0	10/0
(A) HURRICANE/TROPICAL STORMS 120 NM	0/0	0/0	0/0	0/0	0/0	0/0	2/0	3/0	10/4	1/0	0/0	0/0	16/4
(B) HURRICANES ONLY 240 NM	0/0	0/0	0/0	0/0	1/1	4/0	6/2	17/11	26/14	7/3	0/0	1/0	62/31

RUSSWO POR: HRLY OBS: 5911-7008; DAILY OBS: 5911-6901, 6903-7012.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	18	22	19	14	15	9	7	10	17	9	14	16	14	7
	03-05	20	24	19	15	18	19	18	17	20	15	15	18	18	9
	06-08	20	22	20	21	21	19	26	26	28	23	18	21	22	11
	09-11	19	23	20	17	15	13	14	14	19	14	16	21	17	11
	12-14	16	19	18	15	13	9	10	9	14	9	13	19	14	11
	15-17	16	18	16	13	11	6	7	5	12	7	11	16	12	11
	18-20	15	17	17	12	11	6	7	5	11	7	11	17	11	11
	21-23	13	18	18	12	12	8	8	6	12	7	12	17	12	11
	ALL HOURS	17	20	18	15	14	11	12	12	17	12	14	18	15	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	15	19	17	13	11	8	6	6	16	8	9	14	12	7
	03-05	18	21	16	13	16	16	16	14	17	12	11	15	15	9
	06-08	18	19	18	19	18	18	24	25	25	21	14	19	20	11
	09-11	17	20	17	13	11	8	10	11	13	12	14	19	14	11
	12-14	15	17	13	11	9	5	6	4	8	6	10	16	10	11
	15-17	13	15	13	10	7	4	6	2	8	5	9	14	9	11
	18-20	12	15	15	10	7	4	5	3	8	6	7	14	9	11
	21-23	10	15	15	11	9	6	5	4	10	6	7	14	9	11
	ALL HOURS	15	17	15	13	11	8	10	9	13	10	10	16	12	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	11	15	14	10	10	7	3	4	11	6	7	11	9	7
	03-05	12	17	15	12	13	11	10	9	11	9	8	14	12	9
	06-08	14	16	16	14	13	10	13	15	16	16	11	15	14	11
	09-11	15	16	13	10	7	4	3	6	8	9	9	15	10	11
	12-14	13	15	10	7	7	3	2	2	5	4	7	13	7	11
	15-17	12	13	10	6	4	3	2	1	5	3	6	12	6	11
	18-20	11	13	13	8	4	2	2	2	6	4	5	11	7	11
	21-23	9	13	13	9	7	3	2	2	7	4	5	11	7	11
	ALL HOURS	12	15	13	9	8	5	5	5	9	7	7	13	9	
CIG less than 200 feet and/or VSBY less than ¼ mile	00-02	4	4	3	1	1	1	1	1	1	1	2	3	2	7
	03-05	4	4	4	3	4	2	3	1	2	3	2	4	3	9
	06-08	5	6	4	4	3	2	2	3	4	7	4	4	4	11
	09-11	4	4	2	1	1	0	0	#	1	1	2	5	2	11
	12-14	2	3	1	0	0	0	0	0	#	0	#	4	1	11
	15-17	3	2	1	0	0	#	#	0	#	#	#	4	1	11
	18-20	3	4	1	0	0	0	0	#	1	1	1	3	1	11
	21-23	3	3	1	1	#	0	0	#	1	1	1	2	1	11
	ALL HOURS	3	4	2	1	1	1	1	1	1	2	1	4	2	

PREPARED BY USAFETAC MAY 1982

STATION NAME : FRIENDSHIP IAP MD
LOCATION : 439 11 - 76 40

PERIOD : AUG 50-DEC 81
ELEV : 146 FT

STN LTRS: BWI
WBAN NO: 724060

AWS CLIMATIC BRIEF

TEMPERATURE (°F)

MONTH	MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN
JAN	41	24	33	75	-7
FEB	44	26	35	76	-3
MAR	53	33	43	87	6
APR	65	43	54	94	20
MAY	74	53	64	96	32
JUN	83	63	73	100	40
JUL	87	67	77	102	51
AUG	86	66	76	102	48
SEP	79	59	69	99	35
OCT	68	46	57	92	25
NOV	56	37	46	86	13
DEC	45	28	37	74	0
ANN	65	45	55	102	-7
YR	31	31	31	31	31

PRECIPITATION (IN)

MONTH	MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS
JAN	3.0	7.8	.3	2.5
FEB	2.9	7.2	.6	2.2
MAR	3.5	6.8	.9	2.3
APR	3.3	8.2	1.3	2.3
MAY	3.5	7.1	.4	3.3
JUN	3.8	10.0	.2	3.8
JUL	3.8	9.2	.3	5.9
AUG	4.5	14.4	.8	4.9
SEP	3.5	8.6	.2	4.4
OCT	3.1	8.1	#	2.7
NOV	3.0	7.7	.3	3.4
DEC	3.4	7.4	.2	3.4
ANN	41.3	18.4	8	5.9
YR	31	31	31	31

SNOWFALL (IN)

MONTH	MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	5	21	9
FEB	7	33	16
MAR	5	22	10
APR	#	#	##
MAY	#	#	#
JUN	0	0	0
JUL	0	0	0
AUG	0	0	0
SEP	0	0	0
OCT	#	#	#
NOV	1	8	8
DEC	4	20	9
ANN	22	33	16
YR	31	31	31

MEAN

MONTH	RELATIVE HUMIDITY (%) 04 LST	RELATIVE HUMIDITY (%) 13 LST	VAPOR PRESSURE (mb)	DEW PT (°F)
JAN	68	59	.11	20
FEB	65	51	.11	21
MAR	66	50	.17	30
APR	68	46	.23	38
MAY	81	55	.39	52
JUN	84	53	.52	60
JUL	83	54	.62	65
AUG	87	58	.64	66
SEP	84	58	.50	59
OCT	80	54	.35	45
NOV	74	55	.21	36
DEC	70	55	.19	35
ANN	74	54	.29	43
YR	8	8	8	8

PRESSURE ALTITUDE

MONTH	(FT) 99.99%
JAN	900
FEB	850
MAR	850
APR	750
MAY	600
JUN	600
JUL	500
AUG	400
SEP	500
OCT	650
NOV	760
DEC	850
ANN	700
YR	8

SURFACE WINDS

MONTH	PVLG DIRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (KT) 00	RESULTANT SPEED (knots)
JAN	VRB	8	51	6
FEB	VRB	9	49	6
MAR	VRB	9	48	6
APR	WNW	9	54	6
MAY	W	7	48	6
JUN	W	7	50	6
JUL	W	6	52	6
AUG	W	6	45	6
SEP	W	6	45	6
OCT	W	7	43	5
NOV	W	8	48	6
DEC	VRB	8	47	6
ANN	W	8	54	6
YR	8	8	8	8

SUNSHINE

MONTH	PCT OF POSS SUN
JAN	52
FEB	49
MAR	49
APR	54
MAY	54
JUN	52
JUL	52
AUG	45
SEP	45
OCT	43
NOV	48
DEC	47
ANN	49
YR	8

MEAN NUMBER OF DAYS OCCURRENCE OF:

MONTH	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.0 in	THUNDER STORMS	FOG VSBY < 7 MI	TEMP MAX ≥ 90	TEMP MAX ≤ 32	TEMP MIN ≤ 32	TEMP MIN ≤ 0
JAN	10	2	4	1	0	10	0	0	19	4
FEB	9	2	3	1	0	10	0	0	12	4
MAR	11	2	2	1	1	11	0	0	3	0
APR	11	2	0	0	2	10	0	0	2	0
MAY	11	2	0	0	4	14	1	0	0	0
JUN	9	2	0	0	6	14	6	14	0	0
JUL	10	3	0	0	6	15	6	18	0	0
AUG	8	2	0	0	2	10	3	8	0	0
SEP	7	2	0	0	1	11	0	1	0	0
OCT	9	2	1	0	4	11	0	0	0	0
NOV	9	2	1	0	0	11	0	0	3	0
DEC	9	2	2	1	0	11	0	0	13	2
ANN	113	25	12	4	26	146	29	40	49	11
YR	31	31	31	31	31	31	31	31	31	31

REMARKS

RUSSMO:
HOURLY OBS: JAN 73 - DEC 81
DAILY OBS: AUG 50 - DEC 81

NUMBER OBSERVED WITHIN: (1900 - 1979)

	A/B	JUN	JUL	AUG	SEP	NOV	ANN
(A) Hurricanes	60NM	0/0	0/0	0/3	0/2	0/0	0/5
(B) Tropical Storms	120NM	0/0	0/1	0/5	0/5	0/0	0/11
	240NM	0/4	2/4	10/15	8/10	0/1	20/34

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 0 % CALM DATA 9 PVLG. DIRCTN 0 BASED ON < FULL MONTHS

CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	22	15	16	9	19	14	10	15	20	15	20	19	16	
03-05	23	16	17	12	24	20	20	20	26	18	19	19	20	
06-08	23	19	20	15	30	27	31	33	31	21	21	19	24	
09-11	23	20	21	13	26	22	20	23	26	19	20	19	21	
12-14	25	17	18	11	21	17	15	18	19	15	18	17	18	
15-17	22	16	13	9	16	11	11	11	14	11	16	18	14	
18-20	18	16	13	8	14	10	11	11	13	12	15	18	13	
21-23	18	17	15	8	13	10	8	10	15	13	18	19	14	
ALL HRS	22	17	17	11	20	16	16	18	21	16	18	19	18	8

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 mi

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	17	11	11	6	15	9	7	10	13	11	14	12	11	
03-05	19	14	14	8	21	15	17	17	17	15	14	13	15	
06-08	19	17	16	11	27	24	30	31	26	18	17	15	21	
09-11	19	18	16	9	18	12	13	14	14	14	17	16	15	
12-14	18	14	14	8	12	8	8	9	8	10	13	13	11	
15-17	16	13	10	7	11	7	6	7	8	8	12	14	10	
18-20	13	14	9	6	10	7	8	8	8	8	11	13	10	
21-23	12	13	9	5	9	7	6	5	10	9	12	13	9	
ALL HRS	17	14	12	8	15	11	12	13	13	12	14	14	13	8

CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1 mi

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	14	8	7	5	11	6	3	5	8	9	12	9	8	
03-05	14	11	10	7	15	9	8	9	11	12	12	10	11	
06-08	17	14	13	8	19	13	14	16	14	14	13	10	14	
09-11	16	14	12	7	9	7	6	5	7	10	13	11	10	
12-14	14	9	10	5	6	2	3	3	5	7	9	9	7	
15-17	12	10	7	5	5	3	2	4	4	6	7	10	6	
18-20	11	10	8	4	5	3	2	2	6	6	7	10	6	
21-23	9	10	7	4	5	3	1	2	7	6	10	11	6	
ALL HRS	13	11	9	6	9	6	5	6	8	9	10	10	9	8

CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 mi

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	3	2	1	0	1	0	0	0	1	1	2	2	1	
03-05	2	3	1	0	1	1	0	1	2	2	2	2	1	
06-08	2	3	2	1	1	1	0	1	1	3	3	2	2	
09-11	2	2	1	0	0	0	0	0	0	1	2	2	1	
12-14	1	1	1	0	0	0	0	0	0	0	1	1	0	
15-17	0	1	0	0	0	0	0	0	0	0	1	1	0	
18-20	1	1	1	0	0	0	0	0	0	0	1	1	0	
21-23	2	2	1	0	0	0	0	0	0	1	2	1	1	
ALL HRS	2	2	1	0	0	0	0	0	1	1	2	2	1	0

PREPARED BY USAFETAC
MAY 1982

STATION NAME : PATUXENT RIVER NAS MD
LOCATION : N38 17 • 76 24

PERIOD : MAR 45-JAN 81
ELEV : 45 FT

STN LTRS : NHK
MSC NO : 724060

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (MB)	MEAN PRESSURE ALTITUDE	MEAN DEW PT (°F)	PREVAIL DIR	SURFACE WINDS SPEED MEAN	SPEED MAX (FTI 00)	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER	FOG VIS ≤ ¼ mi	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 85	MIN ≤ 32	MIN ≤ 25
JAN	44	27	37	70	-36	3.1	6.2	.5	2.1	5	29	11	74	60	.14	25					62	6	11	2	2	1	0	13	0	0	26	9
FEB	45	36	36	80	6	2.8	7.0	.8	3.1	5	32	12	70	53	.13	24					61	6	9	2	2	1	1	11	0	0	17	7
MAR	54	37	46	85	13	3.5	7.0	.6	2.7	3	22	9	73	55	.23	34	36				62	7	11	3	1	1	1	12	0	0	9	1
APR	64	47	56	91	26	2.8	6.7	.9	1.9	0	0	0	71	50	.26	41	700			7	53	6	10	2	0	0	3	10	0	1	1	0
MAY	73	56	65	97	36	3.8	9.6	.5	2.7	0	0	0	80	61	.42	54	550	SSE	6	77	7	11	2	0	0	5	12	1	3	0	0
JUN	81	65	73	101	45	3.4	7.3	.2	3.1	0	0	0	83	60	.56	62	500	S	6	76	7	9	2	0	0	6	11	4	9	0	0
JUL	85	70	78	103	55	4.3	15.5	1.1	4.6	0	0	0	85	62	.67	67	400	S	5	71	7	10	3	0	0	8	11	7	17	0	0
AUG	84	70	77	98	54	4.4	11.1	.6	5.9	0	0	0	87	63	.71	69	300	S	5	69	7	9	2	0	0	7	12	5	15	0	0
SEP	78	64	71	98	46	3.2	8.0	.1	3.9	0	0	0	85	63	.56	62	400	S	5	56	6	8	2	0	0	3	11	1	6	0	0
OCT	66	53	60	93	30	2.9	6.6	.8	3.6	0	0	0	81	59	.33	49	550	BNNW	6	110	6	7	2	0	0	1	14	0	1	0	0
NOV	57	42	50	85	16	3.1	8.0	.3	4.2	0	7	7	77	58	.25	40	550	NNW	6	55	6	9	2	0	0	1	11	0	0	0	1
DEC	47	33	40	75	10	3.2	6.5	.5	1.9	2	13	8	71	58	.17	30	750	NNW	7	58	6	9	2	1	1	8	12	0	0	16	5
ANN	65	50	58	103	-36	40.5	15.5	8	5.9	15	12	12	78	59	.42	47	600	S	6	110	6	113	24	6	6	56	60	16	62	47	23
EYR	36	36	36	36	36	36	36	36	36	36	36	36	8	8	8	8	9	8	8	36	8	36	36	36	36	36	36	36	36	36	36

REMARKS

RUSSMO POR:
HOURLY OBS: FEB 73-JAN 81
DAILY OBS: MAR 45-JAN 81

NUMBER OBSERVED WITHIN: (1900-1979)
(A) Hurricanes
(B) Tropical Storms

	A/B	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/0	0/0	0/0	0/2	0/3	0/0	0/0	0/5
120NM	0/0	0/0	0/0	0/2	2/6	4/5	0/0	0/0	6/13
240NM	1/1	1/5	3/9	14/15	12/11	1/1	0/1	32/43	

NOTE * DATA NOT AVAILABLE • AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PLVG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	23	16	17	10	16	13	12	11	15	14	15	18	15	
	03-05	24	20	22	12	22	17	14	14	18	19	19	19	18	
	06-08	25	20	24	16	27	22	20	23	20	19	21	19	21	
	09-11	24	17	18	13	24	20	17	18	17	18	17	19	19	
	12-14	22	17	17	12	19	14	14	16	13	14	14	19	16	
	15-17	21	20	15	11	14	10	11	13	11	12	13	17	14	
	18-20	21	20	16	10	13	11	14	11	13	10	14	17	14	
	21-23	21	16	17	12	14	12	10	11	14	11	17	14	15	
	ALL HRS	23	19	18	12	19	15	14	15	15	15	16	18	17	8
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	18	16	13	8	13	8	7	8	10	10	13	13	11	
	03-05	20	15	17	10	19	12	13	10	12	14	16	14	14	
	06-08	20	17	20	12	25	17	19	20	15	15	17	14	18	
	09-11	20	15	15	10	18	13	12	12	11	12	14	14	14	
	12-14	17	16	14	8	12	7	8	9	6	9	11	13	11	
	15-17	16	16	12	6	9	6	8	7	7	7	10	13	10	
	18-20	17	16	11	7	9	7	9	8	8	5	11	12	10	
	21-23	18	15	12	6	9	8	6	8	10	7	15	11	10	
	ALL HRS	18	16	14	8	14	10	10	10	10	10	13	13	12	8
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	15	13	10	5	10	3	3	4	4	8	10	10	8	
	03-05	16	12	15	6	14	7	5	4	7	10	11	12	10	
	06-08	17	14	14	7	18	10	8	6	8	11	13	11	11	
	09-11	15	14	12	7	11	5	3	3	6	8	11	11	9	
	12-14	13	11	11	6	6	3	2	1	4	5	9	7	7	
	15-17	13	12	9	3	5	3	2	2	5	4	7	8	6	
	18-20	13	13	9	4	6	4	3	3	4	3	6	9	7	
	21-23	12	12	8	4	7	2	2	3	6	4	11	10	7	
	ALL HRS	14	13	11	5	10	5	4	3	6	7	10	10	8	8
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	3	5	2	1	1	0	0	0	0	1	2	2	1	
	03-05	4	4	3	1	1	0	0	0	0	2	2	2	2	
	06-08	4	4	2	2	2	0	0	0	0	4	3	1	2	
	09-11	2	4	2	0	0	0	0	0	0	1	1	1	1	
	12-14	2	2	0	0	0	0	0	0	0	0	1	2	1	
	15-17	1	2	1	0	0	0	0	0	0	0	1	1	1	
	18-20	2	5	1	1	0	0	0	0	0	0	1	1	1	
	21-23	3	4	1	0	0	0	0	0	0	0	1	1	1	
	ALL HRS	3	4	2	1	1	0	0	0	0	1	2	1	1	0

PREPARED BY: USAFETAC
DECEMBER 1983

STATION NAME: PHILLIPS/ARERDEEN MD
LOCATION: N39 28 W076 10

PERIOD: OCT 36-NOV 57
ELEV: 59 FT

STN LTRS: APG
WSC NO: 724057

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT)	CLOUD COVER MEAN (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 20
JAN	41	26	34	75	-5	2.8	5.7	.6	2.0	5	11	4	80	66	.15	27	700	NW	7	58	7	10	2	3	1	#	13	0	0	24	7
FEB	43	27	35	74	0	2.3	3.9	.3	1.1	3	14	9	80	64	.15	28	750	NW	7	54	6	8	2	2	1	#	11	0	0	22	5
MAR	51	33	42	87	9	3.8	6.2	.8	1.6	2	8	4	78	62	.18	32	750	NW	9	60	6	11	3	1	#	1	11	0	#	15	1
APR	63	42	52	92	22	3.2	7.2	.8	2.1	#	#	#	81	60	.28	43	750	NW	8	42	6	10	2	#	0	2	13	#	2	3	0
MAY	73	53	63	95	31	3.9	7.2	1.8	2.8	0	0	0	86	59	.39	52	550	SSW	7	59	7	12	3	0	0	6	16	1	8	#	0
JUN	82	62	72	100	44	3.5	6.4	.9	2.2	0	0	0	88	58	.56	62	500	SSW	6	54	6	9	3	0	0	5	15	#	19	0	0
JUL	86	66	76	101	49	3.2	6.2	.7	3.1	0	0	0	88	56	.64	66	400	SSW	5	48	6	8	2	0	0	6	19	#	27	0	0
AUG	84	65	74	102	47	3.8	13.0	.7	4.6	0	0	0	90	60	.62	65	400	MNW	6	57	6	9	2	0	0	5	16	6	24	0	0
SEP	77	57	67	98	34	3.1	6.7	.1	3.9	0	0	0	90	59	.49	58	450	N	6	54	6	7	2	0	0	3	15	1	12	0	0
OCT	67	47	57	95	24	2.8	5.5	.9	2.1	#	#	#	87	58	.34	48	550	N	7	67	5	7	2	0	0	1	16	#	2	2	0
NOV	55	36	45	85	15	3.3	9.1	.3	5.8	1	9	5	84	61	.22	37	650	NW	7	56	6	8	2	1	#	1	14	0	#	12	1
DEC	44	26	36	66	0	3.0	5.6	.2	2.1	1	7	7	80	65	.15	28	700	NW	7	46	6	9	2	1	#	0	14	0	0	22	5
ANN	64	45	55	102	-5	38.7	13.0	.1	5.8	12	14	9	84	61	.31	46	650	NW	7	67	6	108	27	8	2	30	168	20	94	100	19
#YR	21	21	21	21	21	19	19	19	19	12	12	12	10	10	10	10	11	10	10	11	10	19	19	12	12	12	12	21	21	21	21

REMARKS

RUSSWO POR:
HOURLY OBS: DEC 47 - NOV 57
DAILY OBS: OCT 36 - NOV 57

NUMBER OBSERVED WITHIN: (1871-1982)

	A/B	JUN	JUL	AUG	SEP	OCT	NOV	ANN
	60NM	1/0	0/0	0/4	0/1	0/0	0/0	1/5
(A) Hurricanes	120NM	1/0	0/1	2/6	1/7	1/1	0/0	5/15
(B) Tropical Storms	240NM	2/5	2/6	14/14	12/13	2/2	0/2	32/42

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PLVG. DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	#YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	17	19	18	21	17	12	18	18	19	21	20	19	
	03-05	26	19	21	22	30	29	20	25	24	25	23	21	24	
	06-08	28	24	26	23	28	27	18	27	28	30	27	28	26	
	09-11	25	23	25	20	22	20	12	22	21	19	23	24	21	
	12-14	22	21	22	18	15	13	8	14	15	14	20	22	17	
	15-17	18	18	19	14	13	11	5	8	10	12	16	19	14	
	18-20	19	16	18	14	13	11	5	8	12	12	16	19	14	
	21-23	22	16	17	15	14	11	6	11	12	16	18	19	15	
	ALL HRS	23	20	21	18	20	17	11	17	18	18	21	22	19	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	15	16	11	15	12	8	13	14	15	16	15	14	
	03-05	22	14	17	16	24	22	15	20	20	20	19	17	19	
	06-08	23	21	22	19	22	21	15	21	22	26	23	24	22	
	09-11	20	19	19	14	16	12	8	12	13	14	18	21	16	
	12-14	15	15	16	12	9	6	4	6	7	8	14	16	11	
	15-17	14	15	13	10	6	5	3	3	6	6	11	14	9	
	18-20	14	16	14	9	9	5	4	4	6	7	11	13	9	
	21-23	17	15	14	10	10	7	5	6	9	10	13	14	11	
	ALL HRS	18	16	16	13	14	11	8	11	12	13	16	17	14	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	15	12	12	8	10	7	4	7	7	11	11	11	10	
	03-05	18	12	13	12	16	14	10	12	13	16	14	13	14	
	06-08	16	15	17	14	14	12	7	13	16	19	15	17	15	
	09-11	14	14	13	11	10	5	3	6	6	10	11	15	10	
	12-14	10	11	11	8	4	3	2	2	3	4	8	11	6	
	15-17	10	12	9	7	3	2	2	1	3	3	7	9	6	
	18-20	10	13	10	6	5	2	2	1	3	3	8	9	6	
	21-23	12	12	11	7	6	5	2	2	5	6	9	10	7	
	ALL HRS	13	13	12	9	9	6	4	6	7	9	10	12	9	10
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	5	3	3	2	2	1	#	#	1	4	2	5	2	
	03-05	6	3	4	2	4	3	1	3	3	7	5	4	4	
	06-08	7	5	4	2	2	1	1	2	3	7	5	5	4	
	09-11	4	2	#	1	#	0	0	0	0	1	2	3	1	
	12-14	1	1	1	#	0	0	0	#	#	0	1	1	#	
	15-17	2	2	1	#	0	0	0	#	0	0	1	2	1	
	18-20	3	3	1	1	#	#	0	0	#	1	2	3	1	
	21-23	4	4	3	2	1	#	0	0	#	2	3	4	2	
	ALL HRS	4	3	2	1	1	1	#	1	1	3	3	3	2	10

PREPARED BY: USAFETAC
NOVEMBER 1979

STATION NAME : LOGAN INTL., BOSTON, MA
LOCATION : N 42 22 W 071 02

PERIOD JUL 1945-JUL 1965
ELEV 34 FT

STN LTRS BOS
WBAN NO 14739
WMO NO 725090

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOW FALL(IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.95%	PVLG DRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SPEED MAX (KT)	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDERSTORMS	FOG	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 0
JAN	37	22	30	72	-12	3.9	9.5	0.9	2.0	12	33	12	69	59	.11	19	900	NW	12	54	6	12	3	7	2	8	10	0	0	25	1
FEB	38	23	31	68	-4	3.7	5.9	1.3	2.6	12	29	19	69	58	.11	19	1050	WNW	13	60	6	11	2	7	2	8	9	0	0	22	8
MAR	45	31	38	85	1	3.9	11.0	1.4	2.5	9	31	13	70	55	.14	25	900	NW	13	51	6	11	3	5	2	8	10	0	8	16	0
APR	56	40	48	91	17	3.9	7.8	1.5	2.5	1	3	3	73	54	.20	34	850	WNW	12	66	6	12	2	1	8	1	11	8	1	2	0
MAY	67	49	59	93	34	3.6	13.4	0.5	4.5	8	8	8	76	55	.29	44	600	SW	11	47	6	12	2	0	0	2	14	8	4	8	0
JUN	77	59	68	100	45	2.8	8.6	0.5	2.5	8	8	8	79	55	.42	54	550	SW	10	73	6	10	2	0	0	4	16	4	12	0	0
JUL	82	65	74	100	53	2.8	8.1	0.5	2.4	8	8	8	81	55	.52	60	500	SW	10	49	6	10	2	0	0	4	18	6	19	0	0
AUG	80	63	72	101	52	4.0	17.1	1.2	7.1	8	8	8	82	57	.52	60	450	SW	10	87	6	10	2	0	0	4	19	5	15	0	0
SEP	73	57	65	100	37	3.4	8.3	0.4	5.6	0	0	0	82	57	.40	53	500	SW	10	76	5	8	2	0	0	2	11	1	7	0	0
OCT	64	48	56	90	31	3.4	8.7	0.3	3.0	8	8	8	79	55	.29	44	650	SW	11	47	5	9	2	0	0	1	11	8	2	8	0
NOV	52	38	46	76	15	4.6	7.7	1.0	3.1	1	5	3	74	58	.20	34	800	WNW	12	75	6	11	3	1	8	8	11	0	0	6	0
DEC	40	26	33	64	-4	4.1	7.6	1.0	2.5	9	27	13	70	58	.12	22	850	WNW	12	57	6	11	3	5	2	8	8	0	0	21	8
ANN	60	44	52	101	-12	44.1	17.1	0.3	7.1	44	33	13	75	56	.24	39	750	WNW	11	87	6	127	28	26	8	18	148	16	60	92	1
YR	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

REMARKS SOURCE: RUSSMO

NOTE: "DATA NOT AVAILABLE ≤UNITS SHOWN IN HEADING **MAX HRLY WND SP CLASS INT. $ % CLIM GRTR % PLVG DRCTN # BASED ON ≤FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	24	24	21	25	22	20	17	18	20	19	24	24	22	
	03-05	25	24	24	27	23	21	21	23	24	23	23	23	23	
	06-08	29	29	28	27	23	23	24	27	25	30	26	24	26	
	09-11	31	29	28	24	20	18	18	21	22	25	27	26	24	
	12-14	26	25	25	20	17	14	13	15	16	20	23	23	20	
	15-17	23	22	22	20	17	13	10	12	15	17	20	21	18	
	18-20	21	21	21	21	17	13	12	14	15	17	19	20	18	
	21-23	22	22	21	21	19	17	13	16	17	18	21	23	19	
	ALL HRS	25	24	24	23	20	18	16	18	19	21	23	23	21	20
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	18	16	16	20	19	17	14	14	15	14	16	16	16	
	03-05	19	17	18	22	20	19	19	19	20	18	16	16	19	
	06-08	21	23	22	22	20	20	21	23	21	25	19	19	21	
	09-11	25	23	20	18	16	13	12	13	15	20	19	20	18	
	12-14	19	18	18	14	13	8	8	10	11	13	15	17	14	
	15-17	18	16	17	13	13	9	7	9	10	12	13	16	13	
	18-20	16	16	16	16	14	11	9	11	12	13	14	14	13	
	21-23	17	17	16	16	17	14	11	13	13	14	14	15	15	
	ALL HRS	19	18	18	18	16	14	13	14	15	16	16	16	16	20
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	13	11	11	15	15	14	11	10	11	10	10	11	12	
	03-05	13	13	14	18	16	15	15	14	15	13	11	11	14	
	06-08	14	16	16	17	15	13	13	13	14	14	12	11	14	
	09-11	15	15	14	12	10	7	7	8	10	12	12	12	11	
	12-14	14	13	14	9	8	4	4	6	7	9	9	12	9	
	15-17	12	13	12	9	8	5	4	7	7	8	8	11	9	
	18-20	12	13	12	11	11	6	6	8	8	8	8	10	9	
	21-23	13	13	12	12	13	11	7	9	9	9	9	10	11	
	ALL HRS	13	13	13	13	12	10	8	9	10	10	10	11	11	20
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN ½ MI	00-02	1	1	1	1	2	1	1	2	2	1	1	1	1	
	03-05	1	1	1	1	3	2	2	3	3	2	1	1	2	
	06-08	1	2	1	2	1	1	1	2	2	3	1	1	2	
	09-11	1	2	1	1	1	0	0	0	1	1	1	1	1	
	12-14	1	2	1	0	1	0	0	0	0	0	0	1	1	
	15-17	1	2	1	1	1	0	0	1	0	1	1	0	1	
	18-20	1	1	1	1	1	0	1	1	1	1	1	1	1	
	21-23	1	1	1	1	1	1	1	1	1	1	1	1	1	
	ALL HRS	1	2	1	1	1	1	1	1	1	1	1	1	1	%

PREPARED: AUGUST 1985
OL-A/USAFETAC/AWS/MAC

STATION NAME: FORT DEVENS AAF MA
LOCATION: N42 34 W071 36

ELEVATION: 368 FEET STATION ID: KAYE
GMT TO LST: -5 WSC # 744905

AWS CLIMATIC BRIEF FOR LIMITED DUTY STATIONS

CAUTION: MEANS AND EXTREMES BELOW ARE ONLY FOR THE HOURS 0500 - 1900 LST
PERIOD OF RECORD: AUG 74 - JUL 84

THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY MEANINGFUL SUMMARIZATION: THEY WERE THEREFORE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.

MONTH	TEMPERATURES DAILY MEAN HIGH (F)	AVG (F)	LOW (F)	RELATIVE HUMIDITY % LST 05	13	VAPOR PRESS (INS) HG	DEW PT (F)	PRESS ALT FEET 99.99%	SURFACE WINDS PVLG DCTN 16PT	AVG KTS	HIGH KTS	NO CEIL-ING (%)
JAN	31	24	17	68	55	.08	12	1350	W	5	49	51
FEB	36	27	19	69	51	.09	16	1150	N	5	42	50
MAR	45	37	29	70	61	.13	24	1150	N	6	43	52
APR	57	49	39	69	47	.18	32	1350	NW	6	52	45
MAY	70	60	49	73	49	.30	45	850	N	5	40	49
JUN	78	68	58	74	50	.44	55	850	SSW	5	37	52
JUL	83	73	63	75	51	.52	60	750	W	4	43	53
AUG	80	70	60	82	56	.52	60	650	W	4	40	57
SEP	72	61	51	84	55	.39	52	750	SSW	4	39	54
OCT	61	51	42	82	56	.26	41	1000	W	4	38	51
NOV	50	43	35	77	57	.18	32	1100	W	4	41	50
DEC	37	31	23	71	57	.11	20	1150	W	4	44	53
ANN	58	50	40	75	53	.25	38	1300	W	5	52	52
YRS	10	10	10	10	10	10	10	10	10	10	10	10

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
TEMPERATURES														
EXT MAX (F)	62	68	86	95	96	100	101	102	94	79	69	132		30
MEAN (F)	17	18	27	36	47	56	62	63	51	33	21	39		30
EXT MIN (F)	-22	-21	-5	10	28	38	43	38	25	19	6	-12	-22	30
PRECIPITATION														
MAX 24-HOUR	3.1	2.4	3.2	2.5	3.0	3.4	2.5	3.5	4.5	4.3	3.0	2.8	4.5	30
MAX MON (INS)	11.	7.2	11.	8.0	9.8	12.	6.2	7.2	9.9	9.0	9.8	8.3	12.	30
MEAN (INS)	3.0	2.8	3.2	3.2	3.0	2.9	2.1	3.9	4.4	3.7	3.9	43.		30
MIN MON (INS)	0	.8	.5	1.5	1.2	.7	1.0	1.3	.6	1.0	.8	.9	0	30
SNOWFALL														
MAX 24-HOUR	19	25	14	5	7	0	0	0	0	1	12	15	25	30
MAX MON (INS)	34	34	33	11	8	0	0	0	0	5	12	27	34	30
MEAN (INS)	14	14	12	2	0	0	0	0	0	2	12	60		30
MIN MON (INS)	0	2	0	0	0	0	0	0	0	0	0	0	0	30
PEAK WIND KTS	52	52	53	52	42	37	43	40	39	38	45	44	52	30
DAYS WITH														
THUNDERSTORMS	0	0	1	1	3	3	4	3	1	1	0	0	16	30
FOG	9	9	10	10	12	13	12	16	14	14	11	10	140	30
YEAS. PRECIP.	10	10	11	11	12	10	10	13	13	9	10	12	127	30

REMARKS: HURRICANE/TROPICAL STORM INFORMATION FOR YEARS 1900 - 1983

A = HURRICANES
B = TROPICAL STORMS
(8 OBSERVED WITHIN)

A/B	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	00/00	00/00	00/00	00/00	00/00	00/00	00/00	00/00	01/01	00/00	00/00	00/00	01/02
120NM	00/00	00/00	00/00	00/00	00/00	00/00	01/02	01/03	00/01	00/01	00/00	00/00	02/07
240NM	00/00	00/00	00/00	00/00	00/00	00/02	02/07	09/09	07/05	01/05	00/00	00/00	19/28

NOTE: ALL VALUES IN THE SUPPLEMENTAL SECTION ENDING IN A DECIMAL HAVE BEEN ROUNDED.

SYMBOLS: - DATA NOT AVAILABLE % PERCENT CALM / PREVAILING DIRECTION # AMounts & UNITS SHOWN IN HEADING * SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS	
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	06 - 08	25	24	27	23	27	22	23	30	28	26	26	27	25	10	
	09 - 11	23	21	26	23	22	17	15	20	19	20	22	24	21	10	
	12 - 14	22	20	25	19	19	12	9	17	18	19	19	23	19	10	
	15 - 17	20	19	23	18	17	12	7	15	14	17	17	22	17	10	
	18 - 19	15	16	20	16	16	9	-	15	13	16	16	22	15	10	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	06 - 08	19	19	22	18	23	19		27	25	23	20	20	21	10	
	09 - 11	18	16	18	14	16	12	10	16	15	15	16	19	15	10	
	12 - 14	14	15	16	12	13	8	5	11	12	11	13	17	12	10	
	15 - 17	13	14	14	12	12	7	5	11	8	11	10	15	11	10	
	18 - 19	8	14	13	12	11	7	4	12	9	12	11	15	11	10	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	06 - 08	15	16	19	14	18	13	12	19	19	16	15	14	16	10	
	09 - 11	13	14	14	11	11	7	5	11	12	12	12	14	11	10	
	12 - 14	10	12	11	8	9	4	3	7	9	9	9	13	9	10	
	15 - 17	9	11	12	8	7	4	3	6	6	10	8	12	8	10	
	18 - 19	6	12	12	8	7	4	3	8	6	10	8	11	8	10	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	06 - 08	3	4	2	2	1	1	2	2	4	4	5	3	3	10	
	09 - 11	2	4	2	0	0	0	0	0	0	1	2	2	1	10	
	12 - 14	2	2	1	0	0	0	0	0	0	1	1	2	1	10	
	15 - 17	2	2	1	0	0	0	0	0	0	1	1	2	1	10	
	18 - 19	1	3	2	1	0	0	0	0	0	1	1	1	1	10	

AWS CLIMATIC BRIEF

LAURENCE G. HANSCOM FIELD/BEDFORD, MASS. PERIOD 1943-67 WBAN # 14702
Prepared by ETAC (NOV 1970) N 42 28 W 71 17 ELEVATION: 143 ft STN LTRS KBED

MONTH	TEMPERATURE (°F) Extreme Maximum	Mean Daily Maximum	Mean Daily Minimum	Extreme Minimum	PRECIPITATION (in) Mean Total	Maximum in 24 Hours	Mean Snowfall	Max Snowfall in 24 Hours	WIND (KT) Prevailing Direction	Mean Speed	Extreme (Peak) Speed	MEAN 0,200 Relative Humidity	1300	Dew Point (°F)	Vapor Pressure (in Hg)	Pressure Altitude 99,955 (Feet)	MEAN NUMBER OF DAYS Precip ≥ 0.01 in	Precip ≥ 0.5 in	Snowfall ≥ 0.1 in	Snowfall ≥ 1.5 in	Thunderstorms	Fog (< 7 Miles)	TEMPERATURE (°F) Maximum ≥ 90	Maximum ≤ 32	Minimum ≤ 32	Minimum ≤ 0	Mean Clds (Tenths)
JAN	70	35	17	-20	3.3	2.6	15	12	NW	9	62	76	64	18	.10	1050	11	3	7	3	0	13	0	0	23	3	6
FEB	68	37	18	-22	3.3	2.2	15	19	NW	9	56	75	60	18	.10	1150	10	3	6	3	#	11	0	0	26	3	6
MAR	85	45	27	-3	4.0	2.7	12	14	NW	8	56	76	56	24	.13	1000	11	3	5	2	#	12	0	#	24	#	6
APR	89	57	36	6	3.9	2.3	2	13	NW	8	59	80	51	33	.19	950	11	3	1	#	1	14	0	1	10	0	6
MAY	94	69	45	27	3.9	1.9	#	#	NW	7	56	84	51	44	.29	700	11	2	0	0	3	15	1	5	2	0	6
JUN	99	73	55	34	3.7	2.2	0	0	NW	6	53	87	53	55	.44	650	9	2	0	0	4	15	3	14	0	0	6
JUL	100	83	60	39	3.0	2.9	0	0	NW	6	56	89	52	60	.52	600	9	2	0	0	5	16	5	22	0	0	6
AUG	102	80	58	39	3.8	6.9	0	0	SW	5	49	91	54	59	.50	550	9	2	0	0	4	18	3	17	0	0	6
SEP	101	73	50	28	3.5	5.5	0	0	SW	6	52	91	56	53	.40	650	8	2	0	0	2	14	1	8	1	0	5
OCT	89	64	41	19	3.5	5.8	2	3	SW	6	76	87	54	42	.27	750	9	2	#	#	1	16	0	2	7	0	5
NOV	84	51	32	10	4.8	5.1	1	3	W	7	57	92	60	33	.19	900	10	3	1	#	#	14	0	#	17	0	6
DEC	70	38	20	-15	3.8	2.4	12	20	W	7	53	77	62	20	.11	950	10	3	5	2	#	12	0	0	27	2	6
ANN	102	59	38	-22	43.7	6.5	57	20	SW	7	76	83	60	39	.24	850	118	30	25	10	20	174	13	69	143	8	6
EYR	22	22	22	22	22	22	19	19	24	24	19	24	24	24	24	20	22	22	19	19	19	19	22	22	22	22	21

REMARKS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Number Observations Within (POR: 1960-1970)	A/B 0/0	A/B 0/0	A/B 0/0	A/B 0/0	A/B 0/0	A/B 0/0	A/B 2/1	A/B 1/1	A/B 4/3	A/B 1/0	A/B 0/0	A/B 0/0	A/B 8/5
(A) Hurricanes/Tropical Storms	0/0	0/0	0/0	0/0	0/0	0/0	3/1	8/4	10/9	1/0	0/0	0/0	22/14
(B) Hurricanes Only	0/0	0/0	0/0	0/0	0/0	0/0	2/1	3/1	17/9	2/1	7/3	1/1	0/0	56/34

RUNWAY USE: Hrly Obs: Jan 03 - Dec 17. Hrly Obs: Jan 43 - May 65

NOTE: # DATA NOT AVAILABLE. BLESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	25	24	24	26	25	24	21	23	27	24	29	26	25	
	03 - 05	27	27	26	29	30	28	25	30	32	27	27	25	28	
	06 - 08	29	26	29	29	28	24	25	30	32	32	30	24	28	
	09 - 11	27	26	28	26	24	22	19	24	25	25	29	23	25	
	12 - 14	25	24	26	23	21	17	15	19	19	20	26	22	21	
	15 - 17	24	23	24	20	19	15	13	16	16	18	26	22	20	
	18 - 20	24	23	23	21	19	16	13	16	17	20	24	22	20	
	21 - 23	24	23	22	22	22	18	15	19	21	21	25	23	21	
	ALL HOURS	26	25	25	25	23	20	19	22	24	23	27	25	24	24
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	20	21	19	21	22	22	19	20	23	21	20	19	21	
	03 - 05	20	21	20	24	27	25	26	27	28	23	21	18	23	
	06 - 08	22	21	23	24	25	20	23	26	28	27	24	18	23	
	09 - 11	21	20	20	19	18	14	13	15	18	19	21	17	18	
	12 - 14	19	18	18	15	14	10	8	11	12	13	17	16	14	
	15 - 17	19	17	17	13	13	11	8	10	10	14	18	17	14	
	18 - 20	18	18	18	15	16	12	11	12	13	15	17	16	15	
	21 - 23	18	19	17	17	19	15	13	15	17	17	18	17	17	
	ALL HOURS	20	19	19	19	19	16	15	17	18	19	20	17	18	24
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	17	16	15	16	18	17	14	14	18	17	15	14	16	
	03 - 05	16	16	16	20	21	20	20	20	22	19	16	14	18	
	06 - 08	17	17	18	19	19	15	16	18	21	22	19	14	18	
	09 - 11	16	15	15	14	13	9	7	9	12	13	16	12	13	
	12 - 14	16	14	12	10	10	7	5	7	7	9	12	12	10	
	15 - 17	15	13	12	9	9	7	4	7	8	10	12	13	10	
	18 - 20	15	14	13	10	12	8	6	8	10	11	12	12	11	
	21 - 23	15	15	14	13	16	11	9	11	12	13	13	12	13	
	ALL HOURS	16	15	15	14	15	12	10	12	14	14	14	13	14	24
CIG less than 200 feet and / or VSBY less than ¼ mile	00 - 02	4	3	3	2	4	4	3	3	5	5	5	2	4	
	03 - 05	3	3	3	3	5	6	4	6	8	6	4	2	4	
	06 - 08	3	4	3	3	2	2	2	3	5	6	4	3	4	
	09 - 11	2	3	2	1	#	#	#	#	#	2	1	2	1	
	12 - 14	4	2	2	#	#	0	#	#	#	#	1	2	1	
	15 - 17	3	2	2	#	#	#	#	#	#	#	1	1	1	
	18 - 20	2	2	1	1	1	#	#	1	1	1	2	2	1	
	21 - 23	3	4	2	1	2	1	1	2	2	3	3	2	2	
	ALL HOURS	3	3	2	1	2	2	1	2	3	3	3	2	2	24

PREPARED BY: USAFETAC
MAY 1987

STATION NAME: OTIS ANGD MA
LOCATION: N41 29 W070 31

PERIOD: OCT 42-DEC 86
ELEV: 131 FT

STN LTRS: FMH
WSC NO: 725060

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	37	23	33	63	-12	3.9	8.1	1.0	2.7	9	35	17
FEB	38	24	31	62	-9	4.1	6.6	1.3	2.3	11	30	14
MAR	44	30	37	78	1	4.7	11.6	1.9	4.7	7	38	21
APR	53	38	46	83	19	4.4	9.3	.8	3.58	1	11	11
MAY	64	47	56	88	28	3.9	10.5	.9	3.4	#	#	#
JUNE	73	57	65	97	40	3.1	12.7	.8	4.5	0	0	00
JUL	78	63	71	96	47	3.2	8.5	.8	3.9	0	0	0
AUG	77	62	70	99	44	4.3	12.2	.6	4.0	0	0	0
SEP	70	55	63	91	36	3.5	13.7	.2	8.6	0	0	0
OCT	61	46	54	82	22	3.6	10.1	1.1	3.2	#	2	2
NOV	52	37	45	74	14	5.0	8.8	1.5	2.9	#	4	2
DEC	42	27	35	65	-10	4.6	9.0	1.0	2.9	7	29	18
ANN	57	42	50	99	-12	48.3	13.7	#	8.6	35	38	21
YR	40	40	40	40	40	32	32	32	32	32	32	32

MONTH	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.0 in	THUNDER	VSBY < 7 MI	FOG	TEMPERATURE (°F) MAX ≥ 80	MAX ≥ 75	MIN ≤ 32	MIN ≤ 15
JAN	66	59	.10	18	1200	W	9	60	6	12	3	5	2	8	14	0	0	0	26	7
FEB	66	57	.11	20	1000	NW	9	59	6	11	3	5	2	8	13	0	0	0	23	5
MAR	71	57	.15	27	1050	WNW	10	63	6	12	3	3	1	1	15	0	0	0	19	1
APR	73	57	.21	36	950	WSW	9	59	6	11	3	1	0	1	15	0	0	0	6	0
MAY	78	62	.32	47	700	WSW	8	54	7	11	2	0	0	2	17	0	0	0	3	0
JUNE	78	63	.44	55	700	WSW	7	41	6	9	2	0	0	0	20	5	12	0	0	0
JUL	81	63	.56	62	600	WSW	7	46	6	8	2	0	0	0	22	13	23	0	0	0
AUG	84	67	.58	62	500	WSW	7	45	7	10	3	0	0	0	20	10	21	0	0	0
SEP	83	65	.44	55	550	WSW	7	73	6	8	2	0	0	1	17	3	9	0	0	0
OCT	80	65	.30	45	800	WSW	7	51	6	9	2	0	0	1	15	0	1	0	2	0
NOV	77	64	.22	37	900	W	8	55	7	12	3	0	0	0	15	0	0	0	9	0
DEC	71	61	.14	26	1000	W	9	54	6	13	3	1	2	0	14	0	0	0	22	3
ANN	76	62	.26	41	850	WSW	8	73	6	126	31	10	7	15	97	32	69	107	16	
YR	80	80	10	10	10	10	10	10	10	32	32	32	32	32	32	40	40	40	40	

REMARKS RUSSNO POR:

HOURLY OBS: JAN 77-DEC 86
SUMMARY OF DAY DATA: OCT 42-APR 44, NOV 48-DEC 86

NUMBER OBSERVED WITHIN: (1900-1982)

	A/B	JUN	JUL	AUG	SEP	OCT	NOV	ANN
(A) Hurricanes	60NM	0/0	1/1	1/1	1/0	0/1	0/0	3/3
(B) Tropical Storms	120NM	0/1	2/1	6/5	2/2	0/1	0/1	10/11
	240NM	0/3	3/7	14/9	16/5	2/3	0/2	35/29

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GRTR % PVLG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	23	26	28	27	34	30	33	34	24	26	29	28	29	
	03-05	24	27	29	30	37	36	38	40	28	26	30	28	31	
	06-08	26	25	30	28	35	33	33	38	30	27	32	29	31	
	09-11	27	25	28	26	32	29	23	29	27	25	30	27	27	
	12-14	29	26	25	24	26	25	20	26	25	23	29	28	26	
	15-17	26	27	24	24	24	24	19	25	21	23	28	27	24	
	18-20	25	26	24	27	28	27	23	29	22	24	29	25	26	
	21-23	23	24	26	26	32	27	29	32	20	26	30	28	27	
	ALL HRS	25	26	27	27	31	29	27	32	25	25	30	28	28	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	17	21	23	23	31	28	32	33	21	20	21	21	24	
	03-05	17	21	24	25	34	32	36	38	23	20	22	21	26	
	06-08	18	19	23	23	32	30	31	35	25	20	24	21	25	
	09-11	20	19	22	21	27	25	19	23	20	17	22	20	21	
	12-14	20	21	16	17	20	20	14	19	17	15	19	19	18	
	15-17	18	20	17	17	19	20	15	19	15	18	18	20	18	
	18-20	17	20	20	21	25	24	21	25	16	19	18	17	20	
	21-23	16	20	21	22	28	25	27	31	16	19	19	20	22	
	ALL HRS	18	20	21	21	27	26	24	28	19	19	20	20	22	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 mi	00-02	14	19	21	21	29	25	27	28	18	17	19	17	21	
	03-05	15	18	22	24	31	29	30	33	18	18	20	19	23	
	06-08	15	17	19	21	29	26	25	27	20	15	21	18	21	
	09-11	17	17	18	17	23	19	14	17	15	14	19	16	17	
	12-14	16	17	14	13	16	13	9	12	11	13	16	14	14	
	15-17	16	17	15	13	16	14	9	13	12	14	15	16	14	
	18-20	14	18	18	17	22	20	16	18	21	16	16	15	17	
	21-23	13	18	19	19	25	22	22	25	13	16	16	17	19	
	ALL HRS	15	18	18	18	24	21	19	22	15	15	18	17	18	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	1	4	5	7	12	10	9	8	4	4	4	4	6	
	03-05	3	4	4	6	13	11	9	9	4	5	5	3	6	
	06-08	4	4	5	5	9	5	4	5	4	3	5	3	5	
	09-11	4	4	3	1	2	1	#	1	1	1	2	1	2	
	12-14	2	2	2	1	1	#	#	0	#	1	1	1	1	
	15-17	2	3	2	1	1	#	#	0	#	2	1	1	1	
	18-20	2	4	3	3	5	3	2	1	2	4	1	2	3	
	21-23	2	5	4	5	9	7	6	5	3	4	4	4	5	
	ALL HRS	3	4	4	4	7	5	4	4	2	3	3	2	4	10

AWS CLIMATIC BRIEF

SOUTH WEYMOUTH NAS/SHEA FIELD, MASS — PERIOD 1954-69 — WBAN # 14790

Prepared by ETAC (APR 1971) — # 42 09 W 70 56 — ELEVATION: 171 ft — WMO # — STN LTRS: KNZW

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (In Hg)	99.95% PRESSURE ALTITUDE (Feet)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	61	35	19	-12	4.0	2.7	12	15	WNW	9	51	72	60	7	.10	1100	10	3	5	2	#	12	0	0	28	2	6
FEB	68	36	19	-10	3.9	2.1	14	12	WNW	9	60	74	59	18	.10	1150	11	3	6	3	#	11	0	0	26	1	6
MAR	77	44	28	2	3.9	3.9	12	13	WNW	9	62	76	56	24	.13	1050	11	2	4	2	#	13	0	0	22	0	6
APR	89	57	37	15	4.3	2.8	1	8	SSW	9	50	77	51	33	.19	950	11	3	1	#	1	14	0	1	8	0	6
MAY	95	68	46	28	3.2	2.9	#	#	SSW	8	46	80	50	43	.28	750	11	2	0	0	1	6	1	4	1	0	6
JUN	96	77	56	40	2.5	1.6	0	0	SSW	7	52	84	54	54	.42	700	11	2	0	0	4	17	2	13	0	0	6
JUL	98	82	62	45	2.5	2.1	0	0	SSW	7	38	85	54	60	.52	550	9	2	0	0	4	18	3	20	0	0	6
AUG	100	79	60	38	3.8	6.2	0	0	SSW	7	43	85	55	59	.50	600	10	2	0	0	4	19	2	16	0	0	6
SEP	92	72	53	33	3.6	3.9	0	0	SSW	7	61	85	57	53	.40	700	8	2	0	0	1	17	1	7	0	0	5
OCT	88	63	43	18	3.6	2.8	#	#	SSW	7	43	84	55	43	.28	850	10	2	#	0	1	17	0	2	4	0	5
NOV	75	51	34	13	4.3	2.8	#	1	W	8	51	82	60	33	.19	1000	12	3	#	0	1	16	0	0	14	0	6
DEC	66	38	22	-8	4.3	1.7	8	14	WNW	8	54	74	60	21	.11	1050	11	3	4	1	0	12	0	0	26	1	6
ANN	100	58	40	-12	43.9	6.2	47	15	SSW	8	62	80	56	38	.23	900	125	29	20	8	17	182	9	63	129	4	6
EYR	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	12	12	15	15	15	15	15

REMARKS

	Jun A/B	Jul A/B	Aug A/B	Sep A/B	Oct A/B	Nov A/B	Ann A/B
Number Observed Within: (POR: 1900-1970) 60 NM	0/0	3/1	2/1	6/4	1/0	0/0	12/6
(A) Hurricanes/Tropical Storms 120 NM	1/0	3/1	11/6	11/9	1/0	0/0	27/16
(B) Hurricanes Only 240 NM	2/0	3/1	17/9	28/21	9/5	1/1	60/37

SMOS (NAVY) POR: Hrly and Daily Obs: Apr 54 - Mar 69

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	30	24	27	28	27	32	25	31	28	29	31	31	29	12
	03 - 05	31	26	29	31	30	39	33	37	36	30	29	28	32	12
	06 - 08	30	30	32	32	26	32	35	36	36	34	32	28	32	15
	09 - 11	26	30	32	27	22	28	25	25	27	27	30	26	27	15
	12 - 14	24	29	31	24	20	23	19	21	22	22	28	25	24	15
	15 - 17	24	25	27	22	18	19	15	17	17	20	25	25	21	15
	18 - 20	24	23	25	25	20	21	19	21	21	20	24	24	22	15
	21 - 23	26	25	24	25	24	27	21	25	22	25	25	26	25	15
	ALL HOURS	27	27	28	26	23	27	24	26	26	25	28	26	26	
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	21	19	20	23	24	29	23	28	22	26	23	22	23	12
	03 - 05	23	20	24	26	28	36	33	34	31	26	20	21	27	12
	06 - 08	21	24	27	27	23	29	33	34	32	30	26	22	27	15
	09 - 11	21	24	24	20	17	21	20	18	20	20	23	22	2	15
	12 - 14	19	21	21	17	15	16	12	13	14	15	19	21	17	15
	15 - 17	19	18	20	17	15	15	11	13	12	14	18	20	16	15
	18 - 20	18	18	20	20	17	18	16	16	17	15	20	19	18	15
	21 - 23	19	19	20	19	21	24	20	21	18	21	20	19	20	15
	ALL HOURS	20	20	22	21	19	22	20	21	20	20	21	21	21	
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	17	16	17	19	20	22	19	22	18	20	16	16	19	12
	03 - 05	17	15	19	20	22	29	28	27	25	21	15	17	21	12
	06 - 08	17	21	22	23	20	24	27	26	26	23	18	19	22	15
	09 - 11	17	19	20	17	14	16	14	13	16	14	18	18	16	15
	12 - 14	15	16	18	14	11	12	8	9	11	11	15	17	13	15
	15 - 17	15	15	17	13	11	11	7	9	10	11	14	17	13	15
	18 - 20	15	15	18	16	14	14	10	12	13	11	15	15	14	15
	21 - 23	16	16	16	17	18	19	14	15	15	15	16	15	16	15
	ALL HOURS	16	17	18	17	16	17	15	16	16	15	16	17	16	
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	5	3	4	3	4	8	4	4	4	6	6	3	5	12
	03 - 05	3	3	5	4	6	9	8	7	6	6	5	3	5	12
	06 - 08	3	5	6	4	2	3	4	5	6	6	4	4	4	15
	09 - 11	4	5	4	1	#	#	1	1	1	2	2	3	2	15
	12 - 14	3	3	3	#	#	#	0	#	1	#	#	2	1	15
	15 - 17	3	4	3	1	#	#	#	1	1	1	1	2	1	15
	18 - 20	3	4	4	1	1	1	1	2	2	1	2	2	2	15
	21 - 23	4	3	4	2	2	4	2	3	2	3	4	2	3	15
	ALL HOURS	4	4	4	2	2	3	2	2	3	3	3	3	3	

A W S	STATION NAME: WESTOVER AFB MA	FIELD ELEV: 245 FT
	LATITUDE/LONGITUDE: 42 12 N 072 32 W	STATION MSC: 744910
CLIMATIC BRIEF	HOURLY OBS POR: SEP 69 - AUG 89	CALL SIGN: KCEF
(LIMITED)	SUMMARY OF DAY POR: 4106-7601, 8811-8908 (FULL TIME), 4104-4105, 7602-8810 (PART TIME)	
	HOURS SUMMARIZED: 00-23 LST (EXCEPT 07-16 LST 4104-4105 AND 07-23 LST 7602-8810)	
SEP 90	LST TO UTC: +05	SUPERSEDES: MAR 86

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	65	71	86	94	101	102	101	100	101	89	81	70	102	48
MEAN MAX TEMP (F)	33	35	45	58	70	78	83	81	73	63	50	37	59	48
MEAN TEMP (F)	24	27	36	48	58	67	72	70	62	52	41	29	49	48
MEAN MIN TEMP (F)	16	18	28	37	47	56	61	59	51	40	32	21	39	48
EXTRM MIN TEMP (F)	-22	-20	-13	8	25	32	42	30	25	16	8	-16	-22	48
D/W TEMP GE 90 (F)	0	0	0	#	1	3	4	3	1	0	0	0	12	48
D/W TEMP GE 80 (F)	0	0	#	1	5	14	22	18	7	1	#	0	68	48
D/W TEMP LT 33 (F)	29	25	22	9	1	#	0	#	1	7	17	27	138	48
D/W TEMP LT 0 (F)	3	2	1	0	0	0	0	0	0	0	0	2	8	48
HEATING DEGREE DAYS	1229	1072	888	529	242	55	6	20	142	398	698	1121	6400	34
COOLING DEGREE DAYS	0	0	#	2	25	125	229	179	66	7	#	0	633	34
MEAN DEWPOINT TEMP (F)	13	15	23	32	46	55	61	60	53	40	31	20	38	20
MEAN WET BULB TEMP (F)	21	25	32	41	53	61	65	64	57	46	38	27	44	20
99.95% WCPA (FT)	1150	1100	1100	1000	800	750	650	600	700	850	1000	1050	950	20
MEAN REL HUM 07 LST(%)	66.3	67.2	67.5	66.7	75.3	79.0	80.1	83.0	83.9	80.3	76.5	71.5	75.4	20
MEAN REL HUM 13 LST(%)	53.3	51.0	49.4	46.5	51.5	55.1	53.9	55.7	56.7	54.4	57.7	57.5	53.6	20
MAX 24HR PRECIP (IN)	2.81	3.25	2.78	3.56	3.64	3.74	4.35	7.55	3.88	3.37	2.43	3.00	7.55	48
MAX PRECIP (IN)	8.92	7.67	7.74	8.74	11.56	10.41	9.73	18.68	8.65	9.05	7.56	7.25	58.88	48
MEAN PRECIP (IN)	3.19	3.02	3.39	3.73	3.79	3.73	3.82	3.64	3.41	3.06	3.93	3.52	42.25	48
MIN PRECIP (IN)	.42	.18	.38	.62	1.00	.33	.36	.40	.82	.24	.62	.67	24.74	48
D/W PRECIP GE .01 (IN)	11	9	11	11	12	11	10	9	9	8	11	11	123	48
D/W PRECIP GT .50 (IN)	2	2	2	2	2	2	3	2	2	2	3	3	27	48
MAX 24HR SNFL (IN)	12.1	17.0	12.2	13.4	4.5	0	0	0	0	2.0	12.2	13.6	17.0	44
MAX SNFL (IN)	37.1	31.7	36.0	15.4	5.4	0	0	0	0	2.0	15.2	35.8	92.1	44
MEAN SNFL (IN)	13.6	11.8	8.7	1.6	.1	0	0	0	0	.1	2.5	11.0	49.7	44
D/W SNFL GE .1 (IN)	7	6	4	1	#	0	0	0	0	#	1	6	25	44
D/W SNFL GE 1.5 (IN)	3	2	2	1	#	0	0	0	0	#	1	3	12	44
MAX DLY SNO DEPTH (IN)	25	31	24	15	0	0	0	0	0	#	11	20	31	44
PRVLNG WND DIR (DEG)	$29-31	$29-31	29-31	$29-31	$17-19	$17-19	$17-19	$17-19	$17-19	$35-01	$29-31	$35-01	$17-19	20
MEAN WND SPD (KTS)	6	6	7	7	6	5	5	4	4	5	5	6	5	20
MAX WND SPD (KTS)	61	56	63	61	60	59	48	62	60	49	69	54	69	42
SKY COVER GT 5/10 (%)	58.7	59.6	62.2	62.1	66.8	62.8	58.8	56.4	57.7	55.7	65.4	66.4	61.0	20
D/W THUNDERSTORMS	#	1	1	1	3	5	6	5	2	1	1	#	26	40
D/W FOG (VSBY LT 7 MI)	12	9	11	11	14	16	16	18	17	15	13	13	165	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PER /YEARS OF RECORD
WCPA = WOR CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	23.0	23.5	24.7	19.9	25.7	34.9	27.3	25.1	32.7	22.7	27.6	32.0	26.6	07
	03 - 05	23.4	25.8	26.4	20.1	28.7	42.3	32.6	33.2	40.6	30.3	30.2	30.8	30.4	07
CIG	06 - 08	24.1	23.6	26.6	25.5	29.2	32.3	28.8	34.4	39.9	30.9	31.7	30.3	29.8	20
LT 3000 FT	09 - 11	22.4	20.4	24.2	22.4	23.5	22.4	17.6	21.3	25.0	23.3	29.0	26.2	23.1	20
AND/OR	12 - 14	19.2	20.2	22.2	19.5	18.1	15.8	11.5	14.2	18.4	16.1	22.7	25.6	18.6	20
VSBY	15 - 17	18.4	18.2	20.2	17.1	14.8	13.2	8.4	10.7	14.5	14.2	21.1	24.2	16.2	20
LT 3 MI	18 - 20	18.7	18.4	19.7	17.5	15.9	14.1	9.7	13.1	15.6	15.6	22.9	25.2	17.2	20
	21 - 23	21.0	19.6	22.0	18.4	18.9	20.3	13.1	17.0	21.5	18.9	25.4	27.0	20.3	20
	ALL	20.8	20.5	22.7	20.0	20.9	21.7	16.6	19.8	24.2	20.6	25.7	26.9	21.7	20
	00 - 02	16.7	15.5	18.5	13.0	19.4	27.6	22.4	19.6	27.9	16.9	18.7	25.6	20.1	07
	03 - 05	17.6	17.9	19.2	13.2	22.0	34.4	27.5	28.1	34.3	23.2	21.6	22.0	23.4	07
CIG	06 - 08	16.6	17.0	18.5	16.8	21.8	25.9	24.1	28.8	32.9	24.0	21.4	19.7	22.3	20
LT 1500 FT	09 - 11	15.4	14.9	15.8	12.4	13.8	14.1	10.1	12.4	15.6	14.6	17.4	18.1	14.5	20
AND/OR	12 - 14	13.3	12.7	12.5	9.4	9.4	8.6	5.2	6.7	8.3	9.8	11.7	17.7	10.4	20
VSBY	15 - 17	12.0	12.4	12.6	8.8	8.2	6.3	4.4	5.8	6.8	8.7	11.2	17.2	9.5	20
LT 3 MI	18 - 20	12.3	12.6	12.7	9.7	9.3	8.9	5.6	7.8	8.6	8.4	11.8	17.3	10.4	20
	21 - 23	13.6	12.7	15.3	10.9	12.4	14.1	7.9	11.4	15.0	11.8	12.9	18.4	13.0	20
	ALL	14.2	14.0	14.9	11.4	13.4	14.9	11.3	13.5	16.5	13.7	14.9	18.7	14.3	20
	00 - 02	12.7	12.4	14.1	10.1	12.1	17.6	14.5	13.7	17.7	12.3	13.5	18.9	14.1	07
	03 - 05	14.5	13.9	14.6	10.5	14.7	27.3	19.5	19.3	24.2	16.0	14.9	15.1	17.0	07
CIG	06 - 08	11.9	13.3	12.6	10.9	14.1	18.2	15.1	19.2	23.3	17.9	14.9	13.9	15.4	20
LT 1000 FT	09 - 11	10.0	9.7	10.9	6.8	7.5	6.6	4.8	6.8	8.8	10.4	10.6	12.0	8.7	20
AND/OR	12 - 14	9.9	8.9	8.5	4.7	4.8	3.1	2.5	3.3	3.6	5.8	6.1	12.4	6.1	20
VSBY	15 - 17	9.5	7.9	8.1	4.7	3.5	2.6	1.5	2.5	3.2	5.5	5.9	13.0	5.7	20
LT 2 MI	18 - 20	9.0	8.2	8.7	5.1	3.9	4.3	2.0	3.3	4.0	5.1	6.1	12.4	6.0	20
	21 - 23	9.6	8.4	10.0	6.2	6.7	7.8	3.8	6.4	7.5	7.4	7.3	13.4	7.9	20
	ALL	10.4	9.7	10.2	6.7	7.5	8.8	6.3	8.0	9.9	9.3	9.0	13.3	9.1	20
	00 - 02	1.9	2.8	3.1	2.4	1.8	1.9	2.0	1.9	2.2	2.9	1.9	5.3	2.5	07
	03 - 05	3.5	2.8	3.2	2.4	3.1	3.5	2.6	4.7	6.0	6.9	2.9	5.5	3.9	07
CIG	06 - 08	3.0	2.6	2.5	1.9	1.3	2.2	1.9	3.7	8.7	7.5	3.4	3.8	3.5	20
LT 200 FT	09 - 11	1.9	1.9	1.4	.4	.0	.0	.0	.0	.6	1.2	1.9	2.3	1.0	20
AND/OR	12 - 14	1.3	1.2	1.0	.1	.0	.0	.0	.0	.0	.2	.3	2.0	.5	20
VSBY	15 - 17	1.5	1.1	.6	.4	.1	.1	.0	.1	.1	.2	.3	1.6	.5	20
LT 1/2 MI	18 - 20	1.1	1.1	1.0	.7	.2	.2	.1	.1	.1	.4	.3	1.7	.6	20
	21 - 23	1.4	1.3	1.7	.9	.3	.8	.4	.3	1.1	.6	.7	2.5	1.0	20
	ALL	1.8	1.7	1.5	.9	.6	.8	.6	1.0	2.1	2.1	1.3	2.7	1.4	20

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/1	3/2	1/2	0/0	0/0	0/0	4/5
120NM	0/0	0/0	0/0	0/0	0/0	0/1	1/2	3/6	3/5	0/1	0/0	0/0	7/15
240NM	0/0	0/0	0/0	0/0	0/0	0/5	2/7	11/14	12/11	0/1	0/1	0/0	25/39

REMARKS : @ SUMMARY OF THE DAY (SOD) DATA DERIVED EXCLUSIVELY FROM WESTOVER AFB MA.

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WESTOVER AFB, MA | STATION #: 744910 | ICAO: CEF
LOCATION: 4212N 7232W | ELEVATION (FEET): 246 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	62	71	83	94	94	101	99	99	97	86	78	70	101
MEAN DAILY MAX	1	33	36	46	59	70	78	83	81	73	61	51	37	59
MEAN	1	26	29	39	50	61	69	74	72	64	53	43	31	51
MEAN DAILY MIN	1	18	20	29	40	49	58	63	61	52	41	34	23	41
EXTREME MIN	1	-17	-12	3	19	26	36	44	36	29	18	-2	-13	-17
# DAYS GE 90	1	0	0	0	#	#	2	5	3	1	0	0	0	12
# DAYS LE 32	1	27	24	19	5	#	0	0	0	1	7	14	24	121
# DAYS LE 0	1	3	2	0	0	0	0	0	0	0	0	#	1	6
2. PRECIPITATION (INCHES)														
MAXIMUM	2	8.9	7.7	7.7	8.7	12.0	10.0	9.7	19.0	8.7	9.1	7.3	7.3	*
MEAN	2	3.1	3.1	3.4	3.8	3.8	3.7	3.8	3.6	3.4	3.1	3.8	3.7	42.3
MINIMUM	2	0.4	0.7	0.4	0.6	1.0	0.3	0.4	0.4	0.8	0.2	0.6	0.7	*
MAX 24 HR	2	2.8	3.3	2.7	3.6	2.7	3.5	4.4	7.6	3.9	3.4	2.4	3.0	7.6
# DAYS W/PRECIP	1	13	12	13	13	14	13	11	11	10	10	12	13	145
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	14	12	10	2	#	0	0	0	0	#	2	11	51
MAXIMUM	2	37	32	36	15	5	0	0	0	0	2	15	36	*
MAX 24 HR	2	12	17	12	13	5	0	0	0	0	2	12	14	17
# DAYS W/SNOW	1	9	7	6	2	#	0	0	0	0	#	3	8	35
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	74	72	74	77	86	91	90	92	88	86	79	78	82
RH (15 LST)	1	54	51	48	45	48	51	50	53	52	51	55	57	51
VAPOR PRESS	1	.10	.11	.15	.21	.34	.48	.56	.56	.43	.28	.20	.13	.30
DEWPOINT	1	15	16	24	33	46	56	61	61	53	41	32	20	38
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	$N	$N	$N	$N	$S	$S	$S	$S	$S	$S	$N	$N	$S
MEAN SPEED (PVLG DRCTN)	1	7	7	8	8	8	7	6	6	6	7	6	6	7
MEAN SPEED (ALL OBS)	1	6	6	7	7	6	5	5	4	4	5	5	5	5
MAX PEAK GUST	2	61	56	63	61	58	59	48	62	60	49	69	54	69
PRESSURE ALT	2	1250	1100	1100	1000	800	800	700	600	700	900	1000	1100	1250
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	5	5	5	5	4	4	4	4	5	5	5
DAYS TSTMS	1	#	#	#	1	3	5	6	5	2	1	1	#	25
[illegible]	1	10	8	11	10	13	14	14	17	16	14	11	11	148

(WESTOVER AFB, MA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAR 86, PERIOD OF RECORD RANGING FROM 10-45 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	23	26	23	28	37	25	27	30	25	21	29	27
03-05 LST	28	24	28	27	33	50	36	40	39	32	26	28	33
06-08 LST	28	25	29	28	32	36	33	40	42	33	32	30	32
09-11 LST	25	22	26	26	26	26	21	27	27	25	28	26	25
12-14 LST	24	21	24	22	20	18	15	19	19	18	22	24	21
15-17 LST	21	20	20	19	17	14	11	14	14	16	20	23	18
18-20 LST	21	20	20	20	17	16	12	16	15	18	21	24	18
21-23 LST	24	21	21	21	21	21	14	20	21	19	24	26	21
ALL HOURS	25	22	24	23	24	27	21	25	26	23	24	26	24

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	15	20	17	20	31	21	21	25	18	17	22	21
03-05 LST	21	17	20	18	26	45	31	35	34	25	20	21	26
06-08 LST	20	19	20	19	26	31	30	36	36	26	23	20	25
09-11 LST	18	17	17	15	16	17	13	17	17	16	18	18	17
12-14 LST	16	14	13	12	10	10	7	9	9	11	12	17	12
15-17 LST	13	13	13	11	9	8	6	8	7	11	11	16	11
18-20 LST	15	13	13	12	11	10	8	11	9	11	12	15	12
21-23 LST	17	14	15	14	13	15	10	14	15	14	14	17	14
ALL HOURS	17	15	16	15	16	21	16	19	19	17	16	18	17

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	12	16	13	10	20	12	14	16	7	14	15	14
03-05 LST	16	12	17	13	16	34	23	25	26	15	15	14	19
06-08 LST	14	14	14	13	17	22	18	23	26	20	16	16	18
09-11 LST	12	10	12	8	9	9	6	9	10	10	12	12	10
12-14 LST	11	10	9	6	5	3	3	4	4	7	7	13	7
15-17 LST	11	9	9	5	4	3	2	3	3	7	6	12	6
18-20 LST	11	10	9	6	5	4	3	5	4	7	7	11	7
21-23 LST	12	9	11	8	7	8	3	7	7	9	8	12	8
ALL HOURS	13	11	12	9	9	13	9	11	12	10	11	13	11

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	3	2	3	2	2	2	3	3	6	3
03-05 LST	7	2	5	4	4	7	4	7	7	6	4	6	5
06-08 LST	4	4	4	2	2	4	3	5	10	8	5	5	5
09-11 LST	3	3	2	#	0	#	#	#	1	2	3	3	1
12-14 LST	3	2	1	#	#	0	0	0	#	1	1	3	1
15-17 LST	3	2	1	#	#	0	#	#	#	1	1	3	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WESTOVER AFB, MA | STATION #: 744910 | ICAO: CEF
LOCATION: 4212N 7232W | ELEVATION (FEET): 246 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	0	1	3	1	2	1	#	0	1
03-05 LST	0	0	#	1	1	#	2	#	#	1	0	#	#
06-08 LST	0	0	0	0	#	1	1	1	#	#	0	0	#
09-11 LST	#	#	0	#	#	#	1	#	#	#	0	0	#
12-14 LST	0	0	#	#	2	1	2	2	#	#	0	0	1
15-17 LST	0	#	#	#	2	2	3	3	1	#	#	0	1
18-20 LST	0	#	#	#	2	2	5	2	2	#	#	#	1
21-23 LST	#	0	#	1	1	3	3	2	2	1	#	#	1
ALL HOURS	#	#	#	1	1	1	2	1	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	12	14	17	10	6	6	10	8	11	12	10
03-05 LST	9	9	14	12	15	14	8	7	10	11	12	11	11
06-08 LST	7	8	10	12	11	11	7	8	9	9	12	9	10
09-11 LST	6	8	9	12	11	8	7	7	8	10	11	8	9
12-14 LST	6	8	9	14	11	8	6	7	8	11	10	9	9
15-17 LST	7	8	11	14	11	8	6	8	8	10	10	8	9
18-20 LST	7	7	10	13	11	9	7	7	10	10	10	8	9
21-23 LST	7	7	11	14	13	7	5	8	10	8	11	9	9
ALL HOURS	7	8	11	13	13	10	7	7	9	10	11	9	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	11	3	2	0	0	0	0	0	0	2	6	3
03-05 LST	6	10	3	2	0	0	0	0	0	0	1	7	2
06-08 LST	9	9	5	2	#	0	0	0	0	#	1	7	3
09-11 LST	10	7	4	1	#	0	0	0	0	#	2	7	3
12-14 LST	9	7	4	1	#	0	0	0	#	#	2	7	3
15-17 LST	8	6	3	1	#	0	0	0	0	#	2	6	2
18-20 LST	8	6	3	1	#	0	0	0	0	#	2	6	2
21-23 LST	8	7	4	1	0	0	0	0	0	0	2	6	2
ALL HOURS	8	8	4	1	#	0	0	0	#	#	2	7	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	#	0	0	#	0	1	#	1	1	1
03-05 LST	1	4	1	#	#	0	0	0	#	0	3	2	1
06-08 LST	2	3	3	2	#	0	0	#	#	#	1	2	1
09-11 LST	2	3	5	3	1	#	#	#	#	1	2	3	2
12-14 LST	4	5	8	5	2	1	#	#	1	2	4	5	3
15-17 LST	4	4	7	6	2	1	#	1	1	2	2	3	3
18-20 LST	2	2	4	1	1	#	#	#	#	#	2	3	1
21-23 LST	3	2	4	1	0	#	0	0	#	#	1	2	1

(WESTOVER AFB, MA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAR 86, PERIOD OF RECORD RANGING FROM 10-45 YRS.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	15	11	8	17	11	12	15	7	13	13	12
03-05 LST	15	12	16	12	13	30	21	23	24	13	14	13	17
06-08 LST	14	12	12	11	14	18	16	21	24	18	15	14	16
09-11 LST	11	9	10	7	6	6	4	7	8	9	10	11	8
12-14 LST	10	9	7	4	4	3	2	3	3	6	6	11	6
15-17 LST	10	8	7	4	3	2	1	3	2	6	6	11	5
18-20 LST	9	8	8	4	3	3	2	4	3	6	6	10	6
21-23 LST	11	8	9	5	5	6	2	6	6	7	7	10	7
ALL HOURS	12	10	10	7	7	11	8	10	10	9	9	12	10

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	10	11	7	4	9	6	7	10	5	8	10	8
03-05 LST	11	6	11	8	9	19	12	16	17	11	10	11	12
06-08 LST	11	10	9	7	8	11	9	14	18	13	10	11	11
09-11 LST	8	8	7	3	2	3	1	3	4	5	6	9	5
12-14 LST	8	7	4	2	1	1	#	1	1	3	3	8	3
15-17 LST	7	6	4	2	1	1	1	1	1	3	3	8	3
18-20 LST	7	5	5	2	1	1	1	2	2	3	4	7	3
21-23 LST	9	5	7	3	3	3	1	3	3	5	4	8	4
ALL HOURS	9	7	7	4	4	6	4	6	7	6	6	9	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	7	4	3	5	3	4	6	3	5	8	5
03-05 LST	8	3	8	5	6	14	7	10	10	8	5	8	8
06-08 LST	7	6	6	4	3	6	5	8	14	10	7	7	7
09-11 LST	5	5	4	1	#	#	#	1	2	3	4	5	3
12-14 LST	6	5	3	1	#	#	#	#	1	1	2	5	2
15-17 LST	5	3	2	1	#	#	#	#	#	1	2	5	2
18-20 LST	4	3	3	1	1	#	#	#	#	1	2	5	2
21-23 LST	5	3	4	2	1	1	#	1	2	2	2	5	2
ALL HOURS	6	4	5	2	2	3	2	3	4	4	4	6	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	4	3	1	2	1	2	1	2	2	4	2
03-05 LST	5	2	4	3	3	4	3	6	4	4	3	4	4
06-08 LST	3	2	3	1	1	2	1	4	8	6	4	3	3
09-11 LST	2	1	1	0	0	0	0	0	#	1	2	2	1
12-14 LST	1	1	#	0	0	0	0	0	0	#	#	1	#
15-17 LST	1	1	#	#	#	0	0	#	#	#	#	1	#
18-20 LST	1	1	1	#	#	0	#	0	0	#	#	1	#
21-23 LST	2	1	2	1	#	#	#	#	#	1	1	2	1
ALL HOURS	2	1	2	1	1	1	1	1	2	2	1	2	1

A W S CLIMATIC BRIEF October 1987	Station Name: PHELPS-COLLINS/ALPENA MI Latitude/Longitude: N45 05 W083 34 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: Sep 59 to Apr 87 LST = GMT -5	Field Elev: 689 ft Station MSC: 726390 Call Sign: KAPN Supersedes: Jun 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	52	65	73	89	94	98	102	95	94	88	76	65	102	28
MEAN MAX TEMP °F	26	28	38	51	64	74	80	77	68	57	43	31	53	28
MEAN TEMP °F	17	19	28	41	52	61	67	65	57	47	35	24	43	28
MEAN MIN TEMP °F	8	9	18	30	39	48	54	52	46	37	28	17	32	28
XTRM MIN TEMP °F	-28	-37	-27	0	20	28	34	30	26	16	-2	-18	-37	28
D/W TEMP ≥ 85°F	0	0	0	#	2	4	8	5	2	#	0	0	21	28
D/W TEMP ≥ 80°F	0	0	0	1	4	9	15	12	4	1	0	0	46	28
D/W TEMP ≤ 32°F	31	27	28	19	8	1	0	#	2	11	22	29	178	28
D/W TEMP ≤ 0°F	8	8	3	#	0	0	0	0	0	0	#	3	22	28
VPR PRESS ("Hg)	.08	.09	.12	.17	.27	.36	.47	.47	.38	.24	.16	.11	.21	10
MEAN DEWPOINT °F	13	15	22	31	42	50	57	57	51	39	29	20	36	10
99.95% WCPA Ft	1600	1400	1500	1450	1250	1200	1100	1050	1200	1400	1450	1500	1350	10
MEAN RH 07 LST %	82	85	85	81	78	82	84	91	91	89	85	85	85	10
MEAN RH 13 LST %	72	69	64	57	54	54	54	61	65	65	70	76	63	10
MAX 24HR PRECIP "	1.8	1.0	1.2	1.1	2.2	2.5	2.8	2.6	3.0	1.7	1.8	1.6	3.0	28
MAX PRECIP "	3.3	3.2	4.4	4.2	8.3	8.4	7.2	5.9	7.1	4.8	7.5	4.4	8.4	28
MEAN PRECIP "	1.6	1.3	2.0	2.3	2.9	3.1	3.1	3.3	3.2	2.1	2.1	2.1	29.1	28
MIN PRECIP "	.2	.1	.6	1.2	1.1	1.0	.9	.9	.3	.6	.6	.6	.1	28
D/W PRECIP ≥ .01"	14	11	12	12	12	11	10	11	13	12	13	16	147	28
D/W PRECIP ≥ .5"	#	1	1	1	2	2	2	2	2	1	1	1	16	28
MAX 24HR SNFL "	16	11	17	6	4	0	0	0	#	2	15	12	17	28
MAX SNFL "	44	33	36	12	4	0	0	0	#	4	31	46	46	28
MEAN SNFL "	22	15	14	4	#	0	0	0	#	1	8	21	85	28
D/W SNFL ≥ .1"	17	12	9	3	#	0	0	0	0	1	6	16	64	28
D/W SNFL ≥ 1.5"	5	3	3	1	#	0	0	0	0	#	2	5	19	28
MEAN WND DRCTN	WNW	W	WNW	N	ESE	W	$W	$S	S	S	S		W	10
MEAN WND SPD Kts	8	8	8	9	8	7	7	6	7	7	8		8	10
MAX WND SPD** Kts	46	47	47	52	39	40	46	37	36	38	49	45	52	13
MEAN CLD CVR 10th	8	8	7	7	6	6	6	6	7	7	8	8	7	10
D/W TSTORMS	#	#	1	2	4	5	7	6	4	1	#	#	30	10
D/W FOG VSBY <7mi	9	9	12	11	12	14	14	16	16	14	13	12	152	28

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS:

A W S CLIMATIC BRIEF October 1987	Station Name: PHELPS-COLLINS/ALPENA MI Latitude/Longitude: N45 05 W083 34 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: Sep 59 to Apr 87 LST = GMT -5	Field Elev: 689 ft Station MSC: 726390 Call Sign: KAPN Supersedes: Jun 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	54	42	37	30	21	15	13	24	28	34	45	57	33	
	03-05	59	46	39	32	23	21	19	30	35	38	46	60	37	
CIG/VSBY	06-08	60	50	39	33	27	25	23	35	40	40	52	63	41	
	09-11	56	48	40	35	25	22	19	29	40	42	52	59	39	
LESS THAN	12-14	55	48	40	33	23	20	15	23	35	41	49	64	37	
	15-17	50	45	33	32	19	16	13	18	30	35	46	60	33	
3000/3	18-20	53	39	33	31	18	11	10	17	29	32	45	56	31	
	21-23	56	42	37	29	18	12	13	20	27	28	47	58	32	
	00-24	55	45	37	32	22	18	16	25	33	36	48	60	36	10
	00-02	22	20	20	18	12	11	10	15	17	16	17	25	17	
	03-05	25	24	22	20	17	16	15	22	24	20	18	25	21	
CIG/VSBY	06-08	31	27	25	22	19	18	19	29	29	24	22	30	25	
	09-11	34	32	26	21	14	13	13	18	25	19	24	34	23	
LESS THAN	12-14	28	25	21	17	10	7	7	10	18	14	21	30	17	
	15-17	20	20	19	16	10	4	7	10	16	11	21	28	15	
1500/3	18-20	21	20	17	17	10	5	5	10	17	12	19	24	15	
	21-23	21	19	18	17	10	8	8	13	16	13	19	26	16	
	00-24	25	23	21	19	13	10	11	16	20	16	20	28	19	10
	00-02	14	13	13	15	9	8	7	11	13	10	13	17	12	
	03-05	16	16	14	18	15	13	12	17	16	13	13	14	15	
CIG/VSBY	06-08	17	17	17	18	14	12	13	22	20	17	15	19	17	
	09-11	21	21	18	16	11	8	7	10	17	13	17	23	15	
LESS THAN	12-14	16	17	14	11	7	4	4	6	11	9	16	20	11	
	15-17	13	13	13	12	6	3	3	6	10	6	15	20	10	
1000/2	18-20	13	13	12	13	8	3	4	6	12	8	16	19	11	
	21-23	13	13	13	14	9	6	5	8	13	9	15	16	11	
	00-24	15	15	14	15	10	7	7	11	14	11	15	19	13	10
	00-02	2	3	2	3	3	2	2	2	3	4	3	2	3	
	03-05	1	4	2	4	4	3	2	4	4	3	3	3	3	
CIG/VSBY	06-08	3	4	4	3	4	2	2	6	5	5	3	2	4	
	09-11	2	3	2	1	1	1	#	#	1	1	1	3	1	
LESS THAN	12-14	2	1	1	1	#	#	0	0	1	#	1	2	1	
	15-17	2	1	2	1	1	#	0	0	1	#	2	2	1	
200/½	18-20	1	2	2	2	1	#	#	#	1	2	1	2	1	
	21-23	2	3	2	1	1	#	1	1	3	2	2	2	2	
	00-24	2	3	2	2	2	1	1	2	2	2	2	2	2	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BATTLE CREEK, MICHIGAN — STATION #: 725396 — ICAO ID: KBTL
LOCATION: 42°19'N, 85°15'W — ELEVATION (FEET): 941 — LST = GMT -5
PREPARED BY USAFETAC/ECR MAY 1985 — PERIOD: VARIED

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	61	60	80	85	93	101	100	100	99	91	77	66	101
MEAN DLY MAX	2	31	33	43	58	69	79	83	81	74	63	47	35	58
MEAN	2	23	25	34	47	58	68	72	70	63	52	39	28	48
MEAN DLY MIN	2	16	17	25	37	46	57	60	59	52	42	31	21	39
EXTREME MIN	2	-16	-14	-4	13	25	33	43	38	29	17	1	-15	-16
# DAYS ≥ 90	2	0	0	0	0	#	3	4	3	1	#	0	0	11
# DAYS ≤ 32	2	17	12	5	2	#	0	0	0	1	4	8	13	62
# DAYS ≤ 0	2	3	2	1	0	0	0	0	0	0	0	0	1	7
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.8	4.2	3.8	6.7	5.2	7.1	6.6	11.0	5.7	8.3	5.3	5.6	*
MEAN	2	1.9	1.7	2.4	3.5	3.2	3.6	3.5	3.3	2.8	2.9	2.7	2.5	34.0
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	2.2	1.7	1.8	2.3	2.0	3.5	2.9	3.2	2.6	2.7	1.9	2.3	3.5
# DAYS >0.01	*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS ≥0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	11.3	9.4	7.9	2.6	#	0	0	0	0	0.2	6.3	10.8	48.5
MAXIMUM	2	31.0	21.0	18.9	13.3	0.5	0	0	0	0	2.3	17.2	31.7	31.7
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >0.1	2	5	5	6	7	#	0	0	0	0	6	7	6	42
# DAYS ≥1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	83	82	81	76	77	82	83	87	87	84	83	84	82
RH (16 LST)	1	72	66	61	53	49	50	49	52	54	56	66	75	58
VAPOR PRESS	1	.10	.11	.17	.23	.33	.48	.56	.56	.43	.29	.21	.14	.30
DEWPOINT	1	16	17	27	34	45	56	61	60	53	42	33	22	39
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SW	S	S	S	$S	S	$S	$S	S	S	S	S	S
MEAN SPEED	1	12	10	11	11	10	9	8	8	8	10	10	10	10
MAX (PK GST)	1	50	43	50	50	45	50	45	35	43	40	45	48	50
PRESSURE ALT	1	1850	1700	1550	1550	1500	1350	1250	1150	1300	1350	1400	1600	1850
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	6	6	5	5	5	4	5	4	5	6	7	5
# DAYS TSTMS	1	#	1	2	3	4	5	5	5	3	1	1	1	31
# DAYS FOG	1	10	11	11	8	11	9	11	16	14	12	10	12	135
# DAYS BNBD	1	0	0	0	0	0	0	0	0	0	0	0	0	0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE $ = % CALM > PVLG DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73-83
2. CLIMATE OF BATTLE CREEK, MICHIGAN, NATIONAL CLIMATIC CENTER, POR 24 YRS
3.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	40	36	26	14	10	9	14	16	23	36	52	28
03-05 LST	57	41	42	30	19	18	17	24	22	27	39	57	32
06-08 LST	59	46	45	33	28	23	26	40	35	35	46	61	40
09-11 LST	59	47	48	34	27	22	21	31	34	34	49	62	39
12-14 LST	56	45	43	29	25	20	18	23	30	30	46	62	36
15-17 LST	51	43	38	28	21	14	13	12	20	24	42	55	30
18-20 LST	53	40	34	26	17	9	8	10	15	20	37	50	27
21-23 LST	52	37	31	23	13	10	8	9	14	19	35	50	26
ALL HOURS	55	42	40	29	21	16	16	21	24	27	42	56	33

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	25	21	18	10	7	7	11	13	16	22	33	18
03-05 LST	36	27	28	21	14	14	15	20	17	20	26	35	23
06-08 LST	39	33	33	26	23	20	23	38	32	27	31	40	30
09-11 LST	43	34	32	24	19	14	14	23	26	24	31	46	28
12-14 LST	37	29	24	16	13	9	7	10	16	17	25	42	20
15-17 LST	32	26	20	16	10	7	6	7	9	13	23	36	17
18-20 LST	30	24	19	15	11	5	5	6	9	13	20	31	16
21-23 LST	33	21	20	16	9	6	6	6	10	14	20	30	17
ALL HOURS	36	28	25	19	14	10	10	16	17	18	25	37	21

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	13	17	13	6	4	4	7	10	11	13	24	12
03-05 LST	22	18	21	15	11	8	8	13	14	15	17	24	15
06-08 LST	24	21	23	18	16	14	14	25	23	20	21	31	21
09-11 LST	27	22	21	15	12	8	7	11	17	17	21	30	17
12-14 LST	21	18	15	10	7	4	2	4	10	9	14	27	12
15-17 LST	19	17	15	9	5	3	2	2	6	8	14	23	10
18-20 LST	16	17	14	10	7	2	2	3	6	10	13	21	10
21-23 LST	19	15	15	10	5	3	3	3	8	10	14	22	11
ALL HOURS	21	18	17	12	9	6	5	9	12	13	16	25	14

10. % FREQ OF CIG/VIS <200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	1	0	#	#	1	1	1	1	3	2
03-05 LST	3	4	3	2	1	1	2	3	1	3	2	3	2
06-08 LST	3	4	3	2	2	1	2	3	3	4	2	3	3
09-11 LST	3	4	2	#	#	#	#	#	#	1	1	5	1
12-14 LST	2	2	1	0	#	#	0	0	0	0	#	3	1
15-17 LST	2	1	1	#	0	0	0	0	0	0	1	2	1
18-20 LST	2	2	1	#	0	0	0	0	#	#	#	2	1
21-23 LST	2	2	2	#	0	#	0	0	#	#	2	3	1
ALL HOURS	2	3	2	1	#	#	1	1	1	1	1	3	1

ECR-MNF-42

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: BATTLE CREEK, MICHIGAN
LOCATION: 42°19'N, 85°15'W
PREPARED BY USAFETAC/ECR MAY 1985

STATION #: 725396
ELEVATION (FEET): 941
PERIOD: VARIED

ICAO ID: KBTL
LST = GMT -5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	1	2	2	2	1	0	0	0	1
03-05 LST	#	#	1	1	1	1	2	1	2	#	#	#	1
06-08 LST	0	#	#	#	#	1	1	1	1	0	#	#	#
09-11 LST	0	0	1	#	1	1	1	1	#	#	#	#	#
12-14 LST	0	0	0	#	1	2	1	1	#	0	0	0	#
15-17 LST	0	0	#	1	1	1	1	1	1	#	#	#	1
18-20 LST	0	0	1	1	2	2	#	1	2	#	#	#	1
21-23 LST	0	#	#	1	2	3	2	2	1	#	#	0	1
ALL HOURS	#	#	#	1	1	2	1	1	1	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	12	12	9	6	5	4	8	8	9	7	7
03-05 LST	4	4	10	10	7	5	4	5	8	9	11	6	7
06-08 LST	3	4	9	12	9	7	4	7	8	10	11	8	8
09-11 LST	2	3	8	10	8	6	4	4	6	7	11	7	7
12-14 LST	2	4	6	9	6	6	3	4	7	7	9	5	6
15-17 LST	3	4	6	8	8	5		4	7	9	12	6	6
18-20 LST	3	5	7	11	8	5	2	4	7	10	10	8	7
21-23 LST	4	5	10	12	9	7	4	5	6	10	7	8	7
ALL HOURS	3	4	8	10	8	6	4	5	7	9	10	7	7

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	21	10	3	#	0	0	0	0	1	9	18	8
03-05 LST	31	22	12	3	#	0	0	0	0	#	9	19	8
06-08 LST	27	18	11	3	#	0	0	0	0	1	9	20	7
09-11 LST	29	18	11	3	#	0	0	0	0	1	9	22	8
12-14 LST	27	16	7	3	0	0	0	0	0	#	9	20	7
15-17 LST	24	17	8		0	0	0	0	0	1	7	19	7
18-20 LST	24	16	7	3	0	0	0	0	0	1	7	17	6
21-23 LST	27	19	8	3	0	0	0	0	0	1	8	16	7
ALL HOURS	27	18	9	3	#	0	0	0	0	1	8	19	7

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	0	1	1	0	#	0	#	0	0	1	2	1
03-05 LST	3	#	2	2	0	#	#	0	#	#	1	2	1
06-08 LST	2	1	1	2	0	#	#	0	0	#	1	1	1
09-11 LST	4	1	3	4	1	#	1	#	#	1	1	2	2
12-14 LST	6	2	6	6	2	1	1	#	1	3	2	3	3
15-17 LST	5	2	5	7	3	2	1	#	1	2	1	2	3
18-20 LST	3	2	3	2	1	#	0	0	#	#	1	2	1
21-23 LST	3	2	2	2	#	#	#	0	0	#	1	3	1
ALL HOURS	3	1	3	3	1	1	#	#	#	1	1	2	2

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73 - 83
2.
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	11	14	10	5	3	3	6	9	10	10	19	10
03-05 LST	19	16	18	11	9	6	8	11	12	13	15	19	13
06-08 LST	18	18	20	14	13	12	13	23	21	18	18	25	18
09-11 LST	22	20	16	12	9	6	5	8	13	14	18	27	14
12-14 LST	18	15	12	7	4	3	2	2	6	6	9	24	9
15-17 LST	16	14	11	5	3	2	1	2	6	6	9	18	8
18-20 LST	13	14	12	8	5	1	1	2	4	8	10	18	8
21-23 LST	15	12	12	7	4	2	2	3	7	8	11	18	9
ALL HOURS	17	15	14	9	7	5	5	7	10	10	13	21	11

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	6	9	4	2	1	2	2	5	6	6	11	6
03-05 LST	13	10	11	7	5	3	5	7	7	8	8	12	8
06-08 LST	11	10	13	8	7	5	7	13	12	13	10	15	10
09-11 LST	12	13	11	5	3	2	2	3	5	8	9	17	8
12-14 LST	10	10	6	2	1	2	#	1	2	3	3	15	5
15-17 LST	10	8	5	2	1	1	#	1	2	3	4	11	4
18-20 LST	8	8	7	3	1	#	1	1	2	5	4	10	4
21-23 LST	9	7	7	2	2	1	1	2	3	5	6	11	5
ALL HOURS	10	9	9	4	3	2	2	4	5	6	6	13	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	4	2	#	1	1	1	2	3	3	6	3
03-05 LST	7	6	6	3	2	2	4	4	2	4	4	6	4
06-08 LST	5	7	6	4	4	3	4	7	6	8	4	7	5
09-11 LST	6	8	6	3	1	#	1	1	1	4	3	10	4
12-14 LST	5	6	3	#	#	#	0	0	#	#	1	8	2
15-17 LST	5	4	3	1	0	#	#	#	#	#	2	6	2
18-20 LST	4	4	3	1	0	#	#	#	#	1	1	5	2
21-23 LST	4	4	4	1	#	1	0	#	1	2	4	6	2
ALL HOURS	5	5	4	2	1	1	1	2	2	3	3	7	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	#	0	#	0	#	1	#	#	2	1
03-05 LST	2	3	1	1	1	1	1	2	1	2	1	2	2
06-08 LST	1	3	2	1	1	1	2	2	2	2	2	1	2
09-11 LST	1	2	1	0	0	0	0	0	0	#	1	2	1
12-14 LST	1	#	#	0	#	0	0	0	0	0	#	1	#
15-17 LST	1	#	#	0	0	0	0	0	0	0	#	1	#
18-20 LST	1	1	#	#	0	0	0	0	#	#	0	1	#
21-23 LST	#	1	#	0	0	0	0	0	#	#	1	1	#
ALL HOURS	1	2	1	#	#	#	#	#	#	1	1	1	1

ECR-MNF42a

AWS CLIMATIC BRIEF

KINCHELOE AFB/KINROSS, MICHIGAN — PERIOD: 1953-70 — WBAN # 94824 — WMO #

Prepared by ETAC (JAN 1972) — N 46 15 ' W 84 28 — FIELD ELEVATION: 799 ft — STN LTRS: KINR

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (ft msl) 99,955	MEAN NUMBER OF DAYS PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	42	21	6	-33	2.0	0.9	24	10	E	8	41	77	72	7	.06	1600	19	#	18	5	#	10	0	0	31	11	8
FEB	45	23	6	-30	1.7	1.0	20	10	NNW	8	41	76	68	8	.06	1650	15	1	14	4	0	9	0	0	28	9	7
MAR	59	32	15	-25	2.0	1.6	18	18	NNW	8	45	79	63	16	.09	1550	14	1	12	3	1	11	0	0	30	3	6
APR	76	47	29	-5	2.6	1.6	4	9	NNW	9	47	80	58	28	.15	1600	12	2	4	1	2	11	0	0	20	#	7
MAY	87	60	38	17	3.1	2.1	1	3	NNW	8	41	81	53	37	.22	1400	11	2	1	#	4	11	0	1	9	0	6
JUN	91	71	48	24	3.3	2.6	0	0	NNW	7	47	87	58	49	.35	1350	12	2	0	0	6	13	#	5	1	0	6
JUL	94	75	53	35	3.2	2.8	0	0	NW	6	48	89	57	54	.42	1200	9	2	0	0	5	13	1	9	0	0	5
AUG	94	73	53	34	3.5	2.8	#	#	NW	6	46	91	60	55	.44	1200	10	2	0	0	5	17	#	6	0	0	6
SEP	93	64	46	22	4.2	2.8	#	3	SE	7	41	90	65	48	.34	1350	13	3	#	#	4	16	#	1	2	0	6
OCT	82	54	38	12	2.7	1.9	2	7	W	7	49	87	66	39	.24	1500	12	1	1	#	1	15	0	#	9	0	7
NOV	63	39	27	-8	3.3	2.0	13	9	W	8	50	85	75	28	.15	1700	16	2	10	3	1	13	0	0	23	#	8
DEC	57	27	13	-23	2.6	1.2	25	12	W	8	42	81	76	15	.09	1650	19	1	17	6	#	10	0	0	30	6	8
ANN	94	49	31	-33	34.2	2.8	107	18	NW	8	50	84	64	32	.18	1500	162	19	77	22	29	149	1	22	183	29	7
EYR	16	16	16	16	16	16	16	16	17	17	18	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	17

REMARKS

RUSSWO POR: HRLY OBS: 5304-7005; DAILY OBS: 5304-6901.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	50	39	27	25	17	21	13	18	25	31	48	56	31	
	03-05	48	38	30	27	21	25	20	25	29	33	50	54	33	
	06-08	52	40	34	31	24	26	21	30	34	36	54	56	37	
	09-11	50	38	32	34	27	23	18	25	34	35	54	55	35	
	12-14	47	37	31	34	23	20	16	21	33	35	54	52	34	
	15-17	48	39	29	30	18	16	13	15	28	31	52	56	31	
	18-20	49	36	25	26	14	14	8	13	22	27	49	53	28	
	21-23	49	36	26	25	15	17	11	14	22	27	46	53	28	
	ALL HOURS	49	38	29	29	20	20	15	20	28	32	51	55	32	17
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	30	22	18	17	12	16	11	15	18	20	26	30	20	
	03-05	28	21	21	19	15	20	17	21	21	22	27	31	22	
	06-08	31	24	24	22	19	22	19	25	26	25	29	32	25	
	09-11	35	26	23	23	17	15	12	18	22	20	33	35	23	
	12-14	33	23	18	19	13	11	8	11	16	15	30	33	19	
	15-17	31	22	15	18	9	9	6	8	12	14	28	34	17	
	18-20	28	20	15	18	9	10	5	8	12	14	26	30	16	
	21-23	27	20	16	17	10	13	9	10	15	16	24	28	17	
	ALL HOURS	30	22	19	19	13	15	11	14	18	18	28	32	20	17
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	19	14	13	14	10	13	10	12	14	16	20	20	15	
	03-05	17	14	14	16	14	17	14	18	17	17	19	22	17	
	06-08	19	16	19	17	16	18	15	20	21	19	22	21	19	
	09-11	25	19	16	17	12	12	9	12	14	14	23	23	16	
	12-14	22	15	13	14	8	7	5	7	11	9	22	22	13	
	15-17	21	16	11	14	6	6	3	6	8	10	21	23	12	
	18-20	18	13	11	14	6	7	4	6	9	11	19	20	12	
	21-23	18	14	13	13	9	10	7	8	11	12	19	20	13	
	ALL HOURS	20	15	14	15	10	11	8	11	13	13	21	21	14	17
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	2	2	2	4	3	4	4	5	4	4	4	2	3	
	03-05	2	2	4	5	6	6	6	8	5	5	4	2	5	
	06-08	2	2	5	5	4	4	5	6	6	6	5	2	4	
	09-11	4	2	3	3	1	1	#	1	2	2	4	3	2	
	12-14	3	1	1	2	1	#	#	0	#	1	3	2	1	
	15-17	2	1	1	2	#	#	#	0	#	1	2	3	1	
	18-20	2	1	2	4	#	#	#	#	1	2	1	3	2	
	21-23	2	1	2	4	1	2	2	2	2	2	4	2	2	
	ALL HOURS	2	2	3	4	2	2	2	3	3	3	4	2	3	17

PREPARED BY: USAFETAC, NOVEMBER 1984

STATION NAME: KI SAWYER AFB MI
LOCATION: N46 21 W087 24

PERIOD: NOV 56-JUN 84
ELEV: 1220 FT

STN LTRS: SAW
WBAN NO: 727035

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (ET) DD	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 85	MAX ≥ 75	MIN ≤ 32	MIN ≤ 00
JAN	19	4	12	47	-27	2.1	5.0	.8	1.8	25	93	24	72	67	.05	4	2150	SNNW	8	58	8	17	1	17	6	8	16	0	0	31	13
FEB	23	6	15	55	-30	1.8	3.5	.3	1.3	23	40	15	73	65	.07	9	2100	S N	7	44	8	14	1	13	5	6	9	0	0	26	10
MAR	32	15	24	63	-22	2.2	4.8	.5	1.8	21	45	21	77	65	.09	16	2050	N	8	50	7	13	1	10	4	3	12	0	0	30	5
APR	46	28	37	83	-3	2.6	5.1	.7	1.6	3	20	9	77	59	.14	26	2000	N	8	59	7	11	1	5	1	3	11	0	0	22	0
MAY	60	38	49	94	17	3.1	6.9	1.0	2.4	1	5	3	75	53	.23	38	1800	N	7	60	6	12	2	1	0	1	12	1	4	10	0
JUN	70	48	59	102	25	3.5	9.3	.5	2.6	0	0	0	77	56	.34	48	1800	S	7	54	7	12	2	0	0	0	13	2	10	1	0
JUL	76	54	65	99	32	3.4	9.0	1.1	3.3	0	0	0	80	56	.44	55	1650	SSSW	6	47	6	10	2	0	0	0	13	4	17	0	0
AUG	73	52	63	95	30	3.3	6.0	.3	2.7	0	0	0	85	60	.42	54	1650	S S	6	43	6	11	2	0	0	0	15	3	13	0	0
SEP	64	45	54	94	21	4.0	7.7	1.2	2.3	0	3	3	86	66	.31	46	1750	SSSW	7	43	7	13	3	0	0	0	17	1	5	0	0
OCT	53	36	45	91	12	2.9	7.1	.9	2.7	4	15	5	92	64	.20	34	1950	S	7	54	7	13	1	3	1	2	15	0	1	13	0
NOV	37	25	31	69	-6	2.6	6.2	1.0	2.6	13	41	12	79	69	.13	24	2050	SSW	7	57	8	14	2	10	3	4	13	0	0	29	8
DEC	25	12	19	57	-23	2.5	5.8	.7	1.7	31	71	15	77	72	.08	17	2050	SSW	7	43	8	17	1	16	6	6	13	0	0	30	6
ANN	48	30	39	102	-30	34.0	9.3	.3	3.3	133	93	24	78	63	.17	31	1950	S N	7	40	7	157	19	75	26	30	151	11	50	192	36
EYR	24	26	26	26	26	26	26	26	26	26	26	26	10	10	10	10	10	10	10	22	10	26	26	26	26	26	26	26	26	26	26

REMARKS: RUNSWO FOR:
HOURLY OBS: JUL 74 - JUN 84
SUMMARY OF DAY DATA: NOV 56 - NOV 57, MAY 58 - OCT 58
NOV 59 - JUN 84

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM GRTR % PVLG DRCTN 0 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	51	40	42	23	19	19	13	20	32	29	48	52	32	
	03-05	52	43	46	27	24	22	20	28	36	33	47	53	36	
	06-08	56	47	47	32	26	24	22	32	38	38	51	55	39	
	09-11	52	49	46	33	26	21	18	29	40	39	51	55	38	
	12-14	50	46	47	31	22	16	13	22	38	38	49	55	36	
	15-17	46	44	43	26	17	15	10	18	31	34	48	52	32	
	18-20	42	43	40	25	15	14	9	14	29	30	46	50	30	
	21-23	46	40	39	23	16	16	10	16	30	30	46	50	30	
	ALL HRS	49	44	44	28	21	18	14	22	34	34	48	53	34	18
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	33	27	32	17	15	15	12	17	25	21	27	33	23	
	03-05	33	28	33	20	17	17	18	25	28	23	27	32	25	
	06-08	35	31	37	23	20	18	19	29	28	25	30	37	28	
	09-11	36	34	36	24	17	13	12	21	28	25	29	37	26	
	12-14	34	30	32	20	14	9	7	12	21	18	25	36	22	
	15-17	30	25	29	16	10	8	5	9	17	15	25	32	18	
	18-20	27	25	27	14	11	10	6	10	19	16	25	32	19	
	21-23	29	26	27	16	12	12	8	12	21	18	25	30	20	
	ALL HRS	32	28	31	19	15	13	11	17	23	20	27	34	23	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	24	19	25	15	13	13	10	16	20	16	21	24	18	
	03-05	24	20	28	17	16	14	14	22	23	17	21	23	20	
	06-08	25	21	29	18	15	13	15	25	23	19	24	27	21	
	09-11	29	23	29	19	14	8	7	16	20	19	23	30	20	
	12-14	26	19	25	16	10	5	3	7	16	11	19	28	15	
	15-17	20	16	22	13	8	5	3	5	13	9	20	24	13	
	18-20	17	16	22	12	8	6	4	7	15	12	19	24	14	
	21-23	20	18	23	13	9	8	7	10	16	14	19	24	15	
	ALL HRS	23	19	25	15	12	9	8	13	18	15	21	26	17	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	1	5	3	3	2	2	4	3	2	4	2	3	
	03-05	2	3	5	4	3	2	3	5	4	1	4	3	3	
	06-08	2	3	5	4	4	2	3	5	3	3	4	3	3	
	09-11	4	3	7	3	1	0	0	1	2	2	4	4	3	
	12-14	3	4	6	1	0	1	0	0	1	1	3	4	2	
	15-17	4	3	5	2	0	1	0	0	0	1	2	3	2	
	18-20	2	3	6	3	0	0	0	0	1	0	3	2	2	
	21-23	3	2	5	3	1	1	1	2	2	2	3	2	2	
	ALL HRS	3	3	6	3	2	1	1	2	2	2	3	3	3	10

CD DATED JUN 1962 IS OBSOLETE

PREPARED BY: USAFETAC JUN 1967

STATION NAME: SELFRIDGE ANGB MI
LOCATION: N42 37 W082 50

PERIOD: JAN 38-FEB 87
ELEV: 580 FT

STN LSNS: 94TC
WBAN NO: 725377

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	30	17	24	63	-13	1.6	3.6	.2	1.5	9	21	8
FEB	32	16	24	64	-8	1.7	4.2	.1	2.6	7	22	9
MAR	42	27	34	81	-2	2.4	4.9	.5	1.5	6	21	10
APR	55	37	46	87	13	2.8	5.2	.4	1.6	1	4	4
MAY	67	47	57	92	24	3.0	7.5	.7	3.2	T	1	1
JUN	77	57	67	99	35	3.2	8.2	.2	3.4	0	0	0
JUL	82	62	72	100	40	2.8	9.2	.5	4.2	0	0	0
AUG	80	61	70	99	40	3.0	7.4	.4	3.2	0	0	0
SEP	72	53	63	100	29	2.6	7.4	.4	2.9	T	T	T
OCT	61	43	52	89	17	2.1	4.5	.3	2.5	T	1	1
NOV	47	33	40	80	4	2.3	5.7	.4	1.3	3	11	6
DEC	35	23	29	65	-4	2.3	4.6	.1	2.2	8	22	9
ANN	57	40	48	100	-13	29.8	9.2	.1	4.2	39	27	10
YRS	47	49	49	49	49	48	48	48	48	41	41	41

MONTH	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN STATION PRESSURE (MB)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	RECOVERY WORD	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01 (IN)	PRECIP ≥ 0.1 (IN)	SNOW/ALL ≥ 0.1 (IN)	SNOW/ALL ≥ 1.0 (IN)	THUNDER STORMS	FOG	TEMPERATURE (°F) MAX ≥ 85	MAX ≥ 80	MIN ≤ 32	MIN ≤ 10
JAN	76	69	.09	15	1400	U	7	72	8	12	1	9	2	8	11	0	0	29	8
FEB	76	68	.10	17	1250	N	6	52	7	11	1	7	2	8	11	0	0	26	6
MAR	78	65	.15	26	1350	W	7	62	7	12	1	5	1	2	13	0	0	23	1
APR	75	58	.20	35	1300	N	7	59	7	12	2	2	0	3	11	0	1	10	0
MAY	76	57	.31	46	1100	N	6	56	7	11	2	0	0	0	10	1	0	1	0
JUN	76	57	.42	54	1050	N	5	62	6	10	2	0	0	0	11	6	12	0	0
JUL	78	59	.54	61	900	S	5	54	6	9	2	0	0	0	7	10	10	20	0	0
AUG	83	61	.52	60	850	S	5	48	6	9	2	0	0	0	6	13	7	16	0	0
SEP	84	64	.44	55	1000	N	5	47	6	9	2	0	0	0	4	13	2	6	0	0
OCT	82	66	.28	43	1150	N	6	48	7	9	1	4	0	1	14	0	1	5	0
NOV	80	69	.19	33	1200	W	7	61	8	11	1	3	1	1	13	0	0	15	4
DEC	79	73	.12	23	1300	W	7	52a	8	12	1	2	2	0	13	0	0	26	9
ANN	79	64	.29	39	1200	N	6	72	7	127	18	51	8	55	143	26	60	113	19
YRS	49	49	.49	49	49	41	41	41	41	10	10	10	10	10	10	49	49	49	49

REMARKS: RUSSNO POR:
HOURLY OBS: MAR 77-FEB 87
SUMMARY OF DAY DATA: JAN 38-FEB 87
HOURS SUMMARIZED: 0000-2300 LST

NUMBER OBSERVED WITHIN: (1900-1985)

	A/B	AUG	ANN
	60NM	0/0	0/0
(A) Hurricanes	120NM	0/0	0/0
(B) Tropical Storms	240NM	0/1	0/1

NOTE: * DATA NOT AVAILABLE = ABTS < UNITS SHOWN IN HEADING ** RESTARTAREQUS PEAK WINDS S % CALM DATA % PVLG. DRCTN 3 DAYS OR < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	40	31	26	21	12	11	7	11	18	18	29	38	22	
	03-05	42	30	27	24	17	15	14	16	23	23	32	42	25	
	06-08	45	35	33	28	20	17	16	25	28	25	39	46	30	
	09-11	41	37	30	27	16	15	13	17	22	28	37	47	28	
	12-14	37	30	30	22	14	11	9	10	16	24	37	46	24	
	15-17	37	30	27	21	12	8	5	5	12	20	33	42	21	
	18-20	35	31	26	20	10	6	4	3	11	17	31	40	20	
	21-23	37	32	25	19	12	8	7	6	14	16	30	40	21	
	ALL HRS	39	32	28	23	14	12	9	12	18	21	34	43	24	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	17	14	13	8	8	6	8	12	12	15	19	13	
	03-05	20	17	16	15	11	11	11	13	18	15	16	21	15	
	06-08	25	22	22	17	14	13	13	20	22	17	20	25	19	
	09-11	25	24	19	24	11	9	7	9	14	15	20	27	16	
	12-14	18	18	14	9	8	5	4	4	10	10	18	27	12	
	15-17	16	16	13	9	7	3	3	2	6	8	15	23	10	
	18-20	15	19	14	8	6	4	3	1	6	8	14	21	10	
	21-23	16	17	13	10	7	5	4	3	8	10	13	20	11	
	ALL HRS	19	19	16	12	9	7	6	8	12	12	16	23	13	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	13	11	10	9	6	4	4	5	8	10	10	13	9	
	03-05	12	12	11	11	8	6	6	8	12	11	10	14	10	
	06-08	15	15	14	13	10	8	7	12	16	13	13	16	13	
	09-11	16	17	14	9	7	4	4	3	10	10	15	19	11	
	12-14	11	13	8	5	5	2	2	1	4	7	12	19	7	
	15-17	10	11	8	5	5	2	2	1	2	5	11	16	6	
	18-20	9	12	9	6	4	3	1	0	3	5	8	15	6	
	21-23	10	12	10	6	5	3	2	2	5	7	8	15	7	
	ALL HRS	12	13	11	8	6	4	3	4	8	9	11	16	9	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	2	2	1	1	1	0	1	1	2	1	3	1	
	03-05	1	3	3	1	2	1	1	1	2	2	1	2	2	
	06-08	1	3	3	1	1	1	1	2	2	2	1	2	2	
	09-11	2	3	1	1	1	0	0	1	1	1	1	2	1	
	12-14	1	2	1	1	0	0	0	1	1	0	1	1	1	
	15-17	1	2	1	1	0	0	0	0	0	0	1	2	1	
	18-20	1	3	1	1	0	0	0	0	0	1	1	1	1	
	21-23	1	3	2	1	0	0	0	0	1	1	1	1	1	
	ALL HRS	1	3	2	1	1	1	1	1	1	1	1	2	1	10

PREPARED BY: USAFETAC
JUNE 1987

STATION NAME: HURTSMITH AFB NI
LOCATION: N44 27 W083 24

PERIOD: JUL 43 -MAR 87 B
ELEV: 634 FT

SYN LTRS: KOSC
WSC NO: 726395

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01 (In)	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1 (In)	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 85	MAX ≥ 75	MIN ≤ 32	MIN ≤ 00
JAN	27	12	19	60	-22	1.8	3.9	.3	1.7	17	38	13	79	67	.08	12	1500	SW	7	69	8	14	1	13	4	8	11	0	0	30	6
FEB	29	15	21	61	-23	1.6	3.6	.1	1.2	13	35	12	75	66	.08	14	1350	SSW	6	53	7	12	1	11	2	8	10	0	0	27	4
MAR	37	22	30	78	-10	2.1	4.3	.2	1.3	10	28	12	76	69	.12	22	1450	N	7	50	7	11	1	7	2	1	12	0	0	27	1
APR	51	33	42	88	6	2.5	5.7	.6	2.5	5	13	7	73	57	.17	30	1450	N	7	58	7	10	2	2	1	2	11	0	1	15	0
MAY	63	42	53	95	21	2.9	8.2	.3	2.0	0	2	2	73	55	.27	42	1200	N	6	51	7	10	2	0	0	0	10	1	6	0	0
JUN	73	52	63	100	30	2.9	6.5	.5	3.7	0	0	0	77	57	.36	50	1150	S	5	52	6	9	2	0	0	0	6	12	5	13	0	0
JUL	79	58	68	101	35	2.8	5.1	.7	2.2	0	0	0	78	56	.49	58	1050	S	5	49	6	8	2	0	0	0	7	12	7	21	0	0
AUG	77	57	67	99	33	3.2	7.4	.4	2.3	0	0	0	83	60	.47	57	1000	S	5	48	6	9	2	0	0	0	6	14	5	18	0	0
SEP	69	49	59	99	27	3.0	9.1	.1	3.2	0	0	0	83	63	.38	51	1100	S	5	53	7	11	2	0	0	0	4	14	1	8	0	0
OCT	57	39	48	86	16	2.3	5.7	.0	2.4	0	1	1	82	63	.24	39	1300	SSW	6	51	7	9	1	0	0	2	13	0	1	7	0
NOV	44	30	37	74	3	2.5	5.5	.3	1.6	5	19	13	79	67	.16	29	1350	SSW	7	52	8	11	2	4	1	1	13	0	0	19	0
DEC	32	19	26	64	-16	2.2	5.6	.9	1.8	13	32	14	78	71	.11	20	1450	SW	7	57	8	14	1	11	3	8	12	0	0	28	2
ANN	53	35	44	101	-23	29.8	9.1	.0	3.7	61	38	14	78	62	.21	36	1300	SSW	6	72	7	128	19	48	13	33	104	19	68	157	11
YRS	39	39	39	39	39	39	39	39	39	36	36	36	10	10	10	10	10	10	10	26	10	39	39	36	36	36	36	39	39	39	39

REMARKS RUSSWO POR:
HOURLY OBSERVATIONS: APR 77-MAR 87
SUMMARY OF DAY DATA: JUL 43-OCT 45
JAN 51-MAR 87

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN TO MEASURE ** INSTANTANEOUS PEAK WINDS 8 % CALM DATA % PLUS DIRCTN ∂ BASED ON < FULL MONTH

CEIL FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	37	29	26	21	12	11	9	14	19	23	27	40	22	
	03-05	37	31	29	23	15	14	11	20	24	29	31	41	25	
	06-08	37	35	31	23	19	17	15	25	31	29	38	44	28	
	09-11	38	37	31	24	19	17	13	20	30	27	35	45	28	
	12-14	37	34	28	24	16	12	9	14	24	25	33	40	25	
	15-17	33	32	25	23	12	9	7	9	20	21	33	39	22	
	18-20	31	29	25	23	12	9	7	10	20	19	32	39	21	
	21-23	34	29	24	20	13	9	7	10	19	17	30	39	21	
	ALL HRS	36	32	27	23	15	12	10	15	23	23	32	41	24	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	18	17	14	10	8	7	11	14	12	14	22	14	
	03-05	19	18	19	16	11	11	9	17	15	13	16	23	16	
	06-08	21	20	20	16	13	13	12	21	24	16	21	24	18	
	09-11	22	24	19	16	10	9	6	13	21	15	22	30	17	
	12-14	21	24	15	13	8	5	5	7	14	10	19	27	14	
	15-17	17	21	17	12	7	4	5	5	11	9	17	21	12	
	18-20	17	19	16	14	7	4	5	6	13	8	18	20	12	
	21-23	17	18	13	13	9	7	5	8	13	10	16	20	12	
	ALL HRS	19	20	17	14	9	8	7	11	16	12	18	23	15	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	13	13	13	13	8	6	4	6	11	8	11	15	10	
	03-05	12	13	14	14	8	9	6	11	11	10	12	17	11	
	06-08	13	17	16	14	11	10	9	15	17	12	15	17	14	
	09-11	16	20	14	11	8	6	5	8	14	11	15	21	12	
	12-14	14	16	10	10	5	4	3	4	8	7	14	20	10	
	15-17	12	14	11	8	4	3	3	4	7	7	13	17	9	
	18-20	12	14	12	11	5	3	3	4	9	6	15	15	9	
	21-23	12	13	11	11	7	5	3	4	10	6	13	15	9	
	ALL HRS	13	15	13	12	7	6	5	7	11	8	14	17	11	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	3	1	1	1	2	1	1	1	2	2	2	1	
	03-05	1	2	1	2	2	1	1	1	3	2	3	2	2	
	06-08	1	2	2	3	2	1	1	2	2	2	3	4	2	
	09-11	1	3	2	1	0	0	0	1	1	1	1	3	1	
	12-14	0	1	1	1	0	0	0	0	1	0	0	2	1	
	15-17	1	1	1	1	0	0	0	0	0	0	1	2	1	
	18-20	1	1	1	1	0	0	0	0	0	1	1	2	1	
	21-23	1	1	1	1	1	1	1	1	1	1	2	2	1	
	ALL HRS	1	2	1	1	1	1	1	1	1	1	2	2	1	1

A W S
CLIMATIC BRIEF

December 1987

Station Name: DULUTH IAP MN
Latitude/Longitude: N46 50 W092 11
Hourly Obs POR: Jul 77 to Jun 87
Summary of Day POR: Jan 48 to Jun 87
LST = GMT -6

Field Elev: 1,430 ft
Station MSC: 727450
Call Sign: KDLH

Supersedes: Jul 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	47	55	71	88	90	93	95	95	95	86	70	55	95	40
MEAN MAX TEMP °F	16	22	32	48	61	71	76	74	64	53	35	21	48	40
MEAN TEMP °F	7	13	23	39	51	60	66	64	54	44	28	14	39	40
MEAN MIN TEMP °F	-2	3	14	29	39	48	54	53	44	36	21	5	29	40
XTRM MIN TEMP °F	-39	-32	-28	-5	17	27	36	32	23	8	-23	-34	-39	40
D/W TEMP ≥ 80°F	0	0	0	#	2	5	11	7	2	#	0	0	27	40
D/W TEMP ≥ 75°F	0	0	0	1	4	10	19	15	4	1	0	0	54	40
D/W TEMP ≤ 32°F	31	28	29	20	6	#	0	#	3	12	26	31	186	40
D/W TEMP ≤ 05°F	19	15	8	#	0	0	0	0	0	0	3	15	60	40
VPR PRESS ("Hg)	.05	.06	.10	.15	.23	.34	.45	.42	.31	.20	.11	.06	.17	10
MEAN DEWPOINT °F	1	8	17	27	38	48	56	54	46	34	21	7	30	10
99.95% WCPA Ft	2200	2100	2150	2100	2000	1950	1850	1800	1950	2100	2250	2250	2100	10
MEAN RH 07 LST %	76	76	77	72	71	76	80	84	86	82	80	78	78	10
MEAN RH 13 LST %	68	67	61	54	52	56	59	62	64	63	67	71	62	10
MAX 24HR PRECIP "	1.2	.8	2.2	2.6	3.0	3.4	3.4	3.1	3.8	2.8	2.2	1.9	3.8	40
MAX PRECIP "	4.7	2.4	5.1	5.8	7.7	8.0	8.5	10.3	6.6	7.5	5.0	3.7	10.3	40
MEAN PRECIP "	1.2	.9	1.8	2.3	3.2	4.0	4.1	3.9	3.3	2.5	1.8	1.4	30.4	40
MIN PRECIP "	.1	.2	.2	.2	.2	.8	1.3	.7	.2	.4	.2	.2	.1	40
D/W PRECIP ≥ .01"	12	10	11	11	12	12	12	12	12	10	11	12	137	40
D/W PRECIP ≥ .5"	#	#	1	1	2	2	3	2	2	1	1	#	15	40
MAX 24HR SNFL "	13	13	17	12	4	0	0	#	1	8	17	23	23	40
MAX SNFL "	47	32	46	32	8	0	0	#	1	8	38	44	47	40
MEAN SNFL "	17	12	14	7	1	0	0	#	#	1	11	16	79	40
D/W SNFL ≥ .1"	13	10	10	5	1	0	0	0	#	2	8	12	61	40
D/W SNFL ≥ 1.5"	3	3	3	1	#	0	0	0	0	#	2	3	15	40
MEAN WND DRCTN	NW	E	E	E	E	ESE	W	ESE	E	NW	W	NW	E	10
MEAN WND SPD Kts	10	9	10	10	9	9	8	8	9	10	10	10	9	10
MAX WND SPD** Kts	50	48	62	52	62	60	53	49	50	55	47	47	62	10
MEAN CLD CVR 10th	6	7	7	6	6	6	6	6	7	7	7	7	7	10
D/W TSTORMS	#	#	1	2	4	7	8	7	4	1	#	#	34	40
D/W FOG VSBY <7mi	10	10	10	9	11	12	11	14	14	12	10	12	135	40

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5$, as applicable.
** = Instantaneous peak winds
* = Data not available $ = Percentage of calm winds > mean direction

REMARKS:

A W S
CLIMATIC BRIEF

December 1987

Station Name: DULUTH IAP MN
Latitude/Longitude: N46 50 W092 11
Hourly Obs POR: Jul 77 to Jun 87
Summary of Day POR: Jan 48 to Jun 87
LST = GMT -6

Field Elev: 1430 ft
Station MSC: 727450
Call Sign: KDLH

Supersedes: Jul 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	35	38	28	22	20	19	16	22	35	34	47	41	30	
	03-05	36	41	32	24	24	25	22	30	37	37	48	41	33	
CIG/VSBY	06-08	37	42	36	28	27	24	26	34	43	40	48	40	35	
	09-11	34	45	35	27	27	20	25	31	45	43	49	44	35	
LESS THAN	12-14	34	42	30	24	23	16	17	22	35	35	44	41	30	
	15-17	31	38	27	18	17	12	12	17	27	31	39	37	26	
3000/3	18-20	30	34	27	18	17	15	13	17	28	29	42	39	26	
	21-23	34	38	27	20	19	17	14	21	30	32	44	41	28	
	00-24	34	40	30	23	22	19	18	24	35	35	45	41	31	10
	00-02	25	27	21	16	17	17	12	18	28	27	31	30	22	
	03-05	27	31	25	19	21	21	17	25	33	30	34	33	26	
CIG/VSBY	06-08	27	34	27	22	24	20	21	30	37	31	36	33	29	
	09-11	27	37	25	19	21	12	17	23	33	29	35	36	26	
LESS THAN	12-14	22	29	18	15	16	10	10	13	20	22	27	32	20	
	15-17	19	24	17	12	13	8	7	11	17	19	23	27	16	
1500/3	18-20	18	22	18	14	14	11	9	13	21	21	25	24	18	
	21-23	21	23	19	15	15	13	11	18	23	23	27	28	20	
	00-24	23	28	21	17	18	14	13	19	27	25	30	30	22	10
	00-02	16	21	17	14	16	14	10	17	26	23	21	22	18	
	03-05	19	27	19	16	19	18	15	23	29	24	26	25	22	
CIG/VSBY	06-08	21	29	22	17	19	16	18	27	34	26	28	26	24	
	09-11	20	29	18	15	16	9	14	17	26	23	26	28	20	
LESS THAN	12-14	14	22	13	11	13	7	7	11	16	15	19	23	14	
	15-17	12	15	14	11	11	7	6	10	14	15	17	19	13	
1000/2	18-20	12	16	15	11	11	10	8	11	17	18	17	19	14	
	21-23	13	17	16	12	14	11	10	16	21	20	20	21	16	
	00-24	16	22	17	13	15	12	11	17	23	21	22	23	18	10
	00-02	2	3	3	4	6	5	4	6	9	5	4	4	5	
	03-05	1	5	3	5	8	6	6	9	9	4	4	4	5	
CIG/VSBY	06-08	2	5	4	4	8	6	7	9	11	5	5	5	6	
	09-11	1	4	4	4	4	3	2	2	6	3	4	5	4	
LESS THAN	12-14	1	2	3	2	3	2	1	2	3	1	5	3	2	
	15-17	1	1	3	2	4	1	1	1	3	1	3	3	2	
200/½	18-20	1	1	4	2	4	2	3	2	5	3	2	3	3	
	21-23	2	2	5	3	6	3	4	5	6	4	3	4	4	
	00-24	1	3	4	3	5	4	4	5	7	3	4	4	4	10

PREPARED BY USAFETAC
DSCF4SEC 178*

STATION NAME MINNEAPOLIS-ST PAUL MN
LOCATION [illegible] 93 W093 13

PERIOD JAN 45-DEC 83
ELEV 838 FT

STN LTRS: MSP
WSC NO: 726560

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	EXTREME MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 01	LST 13	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	MEAN ALTIMETER SETTING (PT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.0	THUNDER	VSBY < 7 MI	FOG	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	25	3	42	57	-34	.8	3.6	.1	1.2	11	46	17	71	66	.05	7	1600	NW	9	44	6	9	6	10	2	8	10	0	0	28	14
FEB	29	8	38	60	-28	.9	2.1	.1	1.1	8	27	9	74	69	.07	11	1600	NW	9	39	7	7	4	7	2	4	9	0	0	15	8
MAR	39	21	50	83	-32	1.8	4.8	.3	1.6	11	40	14	73	60	.11	21	1600	NW	10	47	7	10	1	7	2	1	9	0	0	5	2
APR	54	36	66	95	2	2.1	5.4	.6	2.2	3	22	14	70	51	.18	37	1550	N	12	50	7	10	1	2	1	3	7	0	1	0	0
MAY	69	47	76	96	18	3.2	8.0	.6	2.4	0	3	3	68	47	.29	44	1350	ESE	9	49	6	11	2	3	0	5	7	1	5	0	0
JUN	78	57	85	100	34	4.0	8.0	1.1	2.9	0	3	0	72	52	.42	54	1400	SE	9	57	6	12	3	0	0	0	5	3	14	0	0
JUL	84	63	73	101	43	3.4	7.1	.6	4.1	0	0	0	72	50	.52	60	1200	S	8	55	5	10	2	0	0	7	5	7	23	0	0
AUG	81	61	71	102	39	3.5	9.3	.4	7.3	0	0	0	77	54	.49	58	1200	S	8	52	6	9	2	0	0	7	8	5	19	0	0
SEP	73	53	63	96	26	2.4	6.6	.4	2.6	0	0	0	78	55	.35	49	1350	S	8	47	5	9	2	0	0	4	8	1	6	0	0
OCT	60	40	54	89	15	1.9	5.7	.0	2.2	1	9	3	77	54	.22	37	1450	NW	9	44	6	8	1	1	0	2	0	2	0	0	0
NOV	41	25	33	74	-17	1.5	4.9	.1	2.0	7	30	11	78	62	.14	25	1550	NW	9	48	7	9	1	5	1	1	9	0	0	2	1
DEC	26	11	19	43	-29	1.0	4.3	.2	1.4	10	33	12	75	66	.07	11	1600	NW	9	39	7	10	4	9	2	0	11	0	0	13	7
ANN	54	35	45	102	-34	26.6	9.3	.0	7.3	51	46	17	74	57	.20	34	1500	NW	9	47	6	114	35	81	10	38	94	17	70	55	32
YR	39	39	39	39	39	39	39	39	39	39	39	39	10	10	10	10	10	10	10	11	10	39	39	39	39	39	39	39	39	39	39

REMARKS

RUSSWO POR:
HOURLY OBS: JAN 74 - DEC 83
SUMMARY OF DAY DATA: JAN 45 - DEC 83

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PLVG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	26	93	29	19	13	7	5	13	15	15	31	33	20	
	03-05	28	32	29	23	15	10	10	16	20	21	33	33	23	
	06-08	30	33	32	25	21	14	14	23	24	22	34	35	26	
	09-11	32	35	34	26	23	16	13	23	26	26	37	37	27	
	12-14	30	30	33	23	14	10	8	14	21	23	35	34	23	
	15-17	25	26	28	20	10	8	5	11	13	15	34	35	19	
	18-20	23	25	27	18	13	6	4	10	10	13	30	33	17	
	21-23	26	24	27	17	10	4	4	11	11	14	29	31	17	
	ALL HRS	28	29	30	21	14	9	8	15	18	18	33	34	21	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	17	16	12	6	4	4	8	10	8	18	24	12	
	03-05	19	21	18	16	10	7	6	11	14	13	21	25	15	
	06-08	20	25	22	18	12	8	10	19	17	14	22	26	18	
	09-11	20	24	23	13	8	5	6	12	15	14	23	30	16	
	12-14	21	19	16	10	5	3	2	6	8	9	17	25	12	
	15-17	17	14	16	11	6	3	2	5	6	7	17	22	10	
	18-20	14	16	15	10	5	3	2	5	6	6	16	23	10	
	21-23	16	15	16	10	6	2	2	6	6	7	17	22	11	
	ALL HRS	19	19	18	13	7	4	4	9	10	10	19	25	13	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 1 MI	00-02	10	11	13	7	3	2	2	4	6	6	11	16	7	
	03-05	11	13	14	8	5	3	4	6	8	7	13	18	9	
	06-08	14	14	16	11	7	4	6	17	12	9	14	19	11	
	09-11	14	13	13	8	4	2	2	6	7	9	14	23	9	
	12-14	11	9	11	5	2	2	1	2	4	4	10	14	6	
	15-17	6	6	8	5	2	1	1	1	3	4	8	12	5	
	18-20	7	8	9	5	2	1	1	2	2	3	10	13	5	
	21-23	9	9	10	5	2	1	1	3	3	4	11	15	6	
	ALL HRS	10	11	12	7	3	2	2	4	5	6	11	16	7	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	2	0	0	0	0	0	0	1	0	2	1	
	03-05	2	1	3	0	0	0	1	1	1	0	1	2	1	
	06-08	0	2	3	1	0	1	0	1	2	1	2	3	1	
	09-11	1	1	1	1	0	0	0	0	0	0	1	2	1	
	12-14	1	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	1	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	1	0	
	21-23	0	1	0	0	0	0	0	0	0	0	0	1	0	
	ALL HRS	1	1	1	0	0	0	0	0	0	0	1	2	1	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MINNEAPOLIS-ST PAUL IAP, MN STATION #: 726580 ICAO: MSP
LOCATION: 4453N 9313W ELEVATION (FEET): 837 LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	57	58	82	94	94	102	104	102	98	87	74	62	104
MEAN DAILY MAX	1	22	28	41	58	71	80	85	81	71	58	41	26	55
MEAN	1	14	20	32	47	60	69	75	71	61	49	33	18	46
MEAN DAILY MIN	1	6	12	25	38	49	58	65	61	52	40	26	12	37
EXTREME MIN	1	-32	-23	-10	9	26	38	49	42	24	18	-13	-28	-32
# DAYS GE 90	1	0	0	0	#	1	3	8	3	1	0	0	0	16
# DAYS LE 32	1	31	26	22	9	1	0	0	0	1	6	22	30	148
# DAYS LE 0	1	11	7	1	0	0	0	0	0	0	0	1	7	27
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.6	2.1	4.8	5.4	8.0	8.0	7.1	9.3	6.6	5.7	4.9	4.3	*
MEAN	2	0.9	0.9	1.8	2.1	3.2	4.0	3.4	3.5	2.4	1.9	1.5	1.0	26.6
MINIMUM	2	0.1	0.1	0.3	0.6	0.6	1.1	0.6	0.4	0.4	#	0.1	0.2	*
MAX 24 HR	2	1.2	1.1	1.6	2.2	2.4	2.9	4.1	7.3	2.6	2.2	2.0	1.4	7.3
# DAYS W/PRECIP	1	18	15	15	15	14	14	11	14	13	12	15	19	175
# DAYS GE 0.5	2	#	#	1	1	2	3	2	2	2	1	1	#	15
3. SNOWFALL (INCHES)														
MEAN	2	11	8	11	3	#	0	0	0	#	1	7	10	51
MAXIMUM	2	46	27	40	22	3	0	0	0	#	4	30	33	*
MAX 24 HR	2	17	9	14	14	3	0	0	0	#	3	11	12	17
# DAYS W/SNOW	1	16	13	9	4	0	0	0	0	0	1	10	17	70
# DAYS GE 1.5	2	2	2	2	1	#	0	0	0	0	#	1	2	10
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	73	74	73	70	74	78	79	81	82	78	77	76	76
RH (15 LST)	1	62	60	55	44	44	47	46	52	52	50	59	65	53
VAPOR PRESS	1	.07	.09	.13	.20	.31	.44	.54	.52	.39	.24	.15	.09	.26
DEWPOINT	1	6	11	21	32	43	54	60	59	50	37	24	11	34
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NW	NW	NW	N	S	S	S	S	S	NW	NW	NW	NW
MEAN SPEED (PVLG DRCTN)	1	12	11	11	11	10	11	10	10	10	11	11	11	11
MEAN SPEED (ALL OBS)	1	9	9	10	10	9	9	8	8	9	9	9	9	9
MAX PEAK GUST	1	53	46	44	49	47	56	55	62	45	46	49	40	62
PRESSURE ALT	2	1600	1600	1600	1550	1350	1400	1200	1200	1350	1450	1550	1600	1600
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	5	4	4	4	4	5	5	5	5
DAYS TSTMS	1	#	#	2	4	6	9	9	8	5	2	1	#	46
DAYS FOG LT 7	1	10	10	10	7	7	.5	5	8	8	8	10	11	98
DAYS BNBD LT 7	1	#	#	#	#	#	#	0	#	0	#	#	0	1

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(MINNEAPOLIS-ST PAUL IAP, MN)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, DEC 84, PERIOD OF RECORD RANGING FROM 10-39 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	28	26	16	12	8	5	13	15	16	29	35	19
03-05 LST	29	31	29	18	15	11	9	15	20	21	32	34	22
06-08 LST	31	31	32	22	21	14	12	20	23	23	33	35	25
09-11 LST	31	33	33	24	20	16	12	21	26	26	36	36	26
12-14 LST	29	29	31	21	15	11	8	16	22	21	34	36	23
15-17 LST	26	27	27	19	12	8	5	12	14	16	32	33	19
18-20 LST	24	25	25	17	10	6	5	9	13	14	28	33	17
21-23 LST	26	25	25	16	10	6	4	10	12	14	28	33	17
ALL HOURS	28	29	29	19	14	10	8	14	18	19	31	34	21

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	18	19	11	7	5	4	8	11	8	17	24	12
03-05 LST	19	22	20	13	10	7	7	11	14	12	20	23	15
06-08 LST	21	24	23	16	13	8	10	16	17	15	22	25	17
09-11 LST	24	25	23	13	9	6	6	13	16	14	22	28	17
12-14 LST	21	20	17	10	7	3	3	7	9	9	19	25	12
15-17 LST	18	16	15	10	4	3	2	5	6	7	17	22	11
18-20 LST	15	15	14	10	6	3	2	5	8	6	15	22	10
21-23 LST	15	17	15	10	6	3	2	6	8	7	15	22	11
ALL HOURS	19	20	18	12	8	5	4	9	11	10	18	24	13

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	11	14	7	3	3	2	5	6	4	12	16	8
03-05 LST	12	13	15	8	5	4	4	7	8	7	13	18	10
06-08 LST	14	17	17	10	8	5	7	11	12	10	15	18	12
09-11 LST	16	17	15	8	4	2	3	7	9	9	14	19	10
12-14 LST	12	11	12	6	3	2	1	3	5	5	13	14	7
15-17 LST	11	9	10	6	2	2	1	2	3	4	11	14	6
18-20 LST	9	9	10	6	3	2	1	2	4	4	10	14	6
21-23 LST	10	10	10	6	3	2	1	3	5	4	10	15	7
ALL HOURS	12	12	13	7	4	3	2	5	7	6	12	16	8

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	#	#	#	#	1	1	#	1	3	1
03-05 LST	2	2	2	1	#	0	#	1	1	#	1	4	1
06-08 LST	2	3	3	1	#	1	#	1	2	1	2	3	2
09-11 LST	2	2	3	1	#	#	#	#	1	#	2	2	1
12-14 LST	1	1	2	#	#	#	0	#	0	0	1	1	1
15-17 LST	1	1	1	#	0	0	0	0	#	0	1	2	#
18-20 LST	1	1	1	#	0	0	0	0	#	#	1	2	#
21-23 LST	1	1	1	#	0	0	0	#	#	#	1	2	1
ALL HOURS	1	1	2	0	#	#	#	#	1	#	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MINNEAPOLIS-ST PAUL IAP, MN STATION #: 726580 ICAO: MSP
LOCATION: 4453N 9313W ELEVATION (FEET): 837 LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	1	1	3	3	3	2	1	#	0	1
03-05 LST	0	0	#	1	1	3	3	4	2	#	#	#	1
06-08 LST	0	#	#	1	1	2	2	3	2	#	0	0	1
09-11 LST	0	0	#	#	1	2	1	2	1	0	#	0	1
12-14 LST	#	#	#	#	1	2	2	1	1	#	0	0	1
15-17 LST	0	0	1	1	2	3	2	2	1	#	#	0	1
18-20 LST	#	#	#	2	3	3	3	2	2	1	#	0	1
21-23 LST	0	#	1	1	2	3	3	3	2	1	#	#	1
ALL HOURS	#	#	#	1	2	3	2	2	2	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	6	9	8	7	5	6	9	7	7	3	6
03-05 LST	2	3	7	8	10	7	5	8	9	6	6	4	6
06-08 LST	3	3	5	10	9	7	5	8	9	8	6	4	6
09-11 LST	1	2	5	7	7	7	4	7	9	7	5	2	5
12-14 LST	1	2	6	8	9	7	3	5	7	7	6	1	5
15-17 LST	1	2	7	11	10	7	3	6	7	7	6	2	6
18-20 LST	#	2	5	10	11	7	5	5	7	7	6	4	6
21-23 LST	1	2	5	9	9	6	4	6	8	7	6	3	6
ALL HOURS	1	2	6	9	9	7	4	6	8	7	6	3	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	15	11	4	#	0	0	0	0	1	10	17	6
03-05 LST	17	15	11	4	0	0	0	0	0	1	12	17	6
06-08 LST	18	16	12	4	#	0	0	0	0	1	12	19	7
09-11 LST	18	15	11	3	#	0	#	#	#	1	12	20	7
12-14 LST	16	12	9	3	#	0	0	0	0	1	10	16	5
15-17 LST	14	12	8	2	#	0	0	0	#	#	9	15	5
18-20 LST	15	14	9	3	#	0	0	0	0	1	10	16	6
21-23 LST	16	14	10	4	#	0	#	0	0	1	10	17	6
ALL HOURS	16	14	10	3	#	0	#	#	#	1	11	17	6

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	3	3	2	1	#	1	1	3	3	2	2
03-05 LST	3	2	3	3	2	1	#	#	1	3	3	2	2
06-08 LST	3	2	3	4	3	2	#	1	2	2	3	2	2
09-11 LST	4	3	8	8	6	5	2	1	3	5	4	2	4
12-14 LST	5	4	10	13	9	8	5	2	5	9	6	4	7
15-17 LST	5	3	10	14	10	8	5	3	5	8	5	3	7
18-20 LST	3	2	5	6	3	4	1	1	1	3	3	3	3
21-23 LST	4	2	4	4	1	2	1	1	1	3	4	3	2
ALL HOURS	4	2	6	7	4	4	2	1	2	5	4	3	4

(MINNEAPOLIS-ST PAUL IAP, MN)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, DEC 84, PERIOD OF RECORD RANGING FROM 10-39 YRS.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	9	13	5	2	2	1	3	5	3	10	14	6
03-05 LST	10	12	12	6	4	3	3	5	7	5	10	15	8
06-08 LST	12	15	14	9	6	4	6	9	10	8	13	16	10
09-11 LST	14	14	13	6	3	2	2	5	6	7	12	16	8
12-14 LST	10	10	10	4	2	1	1	2	4	3	10	12	6
15-17 LST	10	8	9	4	1	1	1	1	3	2	9	12	5
18-20 LST	8	8	9	4	2	1	#	1	3	3	8	12	5
21-23 LST	7	8	9	4	2	1	1	2	3	3	8	13	5
ALL HOURS	10	10	11	5	3	2	2	4	5	4	10	14	7

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	7	2	1	1	1	2	2	1	5	9	3
03-05 LST	7	6	8	3	2	2	1	3	4	3	6	10	4
06-08 LST	8	9	10	5	3	2	3	5	5	4	8	10	6
09-11 LST	10	10	8	4	1	1	1	2	2	3	8	10	5
12-14 LST	7	6	6	2	1	#	1	#	1	1	7	8	3
15-17 LST	5	5	5	2	#	#	#	#	1	1	5	8	3
18-20 LST	4	6	5	2	1	#	#	1	1	1	4	6	3
21-23 LST	5	5	5	2	#	#	#	1	1	1	4	8	3
ALL HOURS	6	7	7	3	1	1	1	2	2	2	6	9	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	4	1	#	#	#	1	1	1	2	5	2
03-05 LST	4	4	5	2	#	1	1	2	2	1	3	5	2
06-08 LST	5	6	7	4	1	1	1	2	3	2	5	5	3
09-11 LST	7	6	6	3	#	1	#	1	1	1	5	7	3
12-14 LST	4	4	4	1	#	#	#	#	#	#	3	5	2
15-17 LST	4	3	3	1	0	#	#	#	#	#	3	5	2
18-20 LST	2	3	3	1	0	#	#	#	#	#	2	3	1
21-23 LST	3	3	3	1	#	0	0	#	#	1	2	4	1
ALL HOURS	4	4	4	2	#	#	#	1	1	1	3	5	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	#	#	#	#	#	#	#	#	1	#
03-05 LST	1	1	2	#	#	#	#	1	1	#	1	2	1
06-08 LST	1	2	2	0	#	#	#	1	1	1	1	2	1
09-11 LST	1	1	1	#	#	0	0	#	#	#	1	1	#
12-14 LST	#	#	#	#	0	#	0	0	0	0	#	1	#
15-17 LST	#	#	#	0	0	0	0	0	0	0	#	1	#
18-20 LST	#	#	1	#	0	0	0	0	0	0	#	1	#
21-23 LST	#	#	#	#	0	0	0	#	0	#	#	1	#
ALL HOURS	1	1	1	#	#	#	#	#	#	#	1	1	#

CB DATED APR 82 OBSOLETE

PREPARED BY: USAFETAC
DECEMBER 1986

STATION NAME : COLUMBUS AFB MS
LOCATION : N33 39 W088 27

PERIOD: MAR 42-AUG 86 B
ELEV : 219 FT

STN LTRS:
WBAN NO:
CBN
723306

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	EXTREME MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	51	33	42	81	-2	5.4	13.0	.8	4.7	1	7	7
FEB	57	36	47	84	10	4.8	10.0	1.4	4.3	1	11	7
MAR	65	44	54	86	15	4.5	10.2	1.0	4.1	0	4	3
APR	75	52	64	96	32	4.1	13.1	.8	5.6	0	0	0
MAY	82	60	71	96	38	5.3	12.7	1.4	4.1	0	0	0
JUN	89	68	78	104	51	3.3	5.7	.4	1.3	0	0	0
JUL	91	71	81	100	55	4.6	11.9	.6	5.0	0	0	0
AUG	90	70	80	100	51	3.6	9.2	.7	2.0	0	0	0
SEP	84	64	74	100	36	3.5	10.9	.0	4.9	0	0	0
OCT	75	51	64	92	30	3.5	8.4	.8	5.2	0	0	0
NOV	64	42	53	84	15	4.3	10.7	.7	3.7	0	1	1
DEC	55	36	45	71	4	5.9	14.6	1.1	4.9	1	8	7
ANN	73	52	63	104	-2	54.8	18.2	.8	5.7	1	11	7
EVR	12	12	12	12	12	12	12	12	12	28	28	28

MEAN RELATIVE HUMIDITY (%) 24 LST	13 LST	MEAN VAPOR PRESSURE (100 Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)
77	59	.16	29	650	N	5	56	7
79	56	.20	34	750	N	5	51	6
76	50	.24	41	800	S	5	70	6
80	49	.36	50	650	S	4	51	6
84	45	.52	60	550	S	4	56	6
86	54	.67	67	450	S	3	58	5
87	55	.76	71	350	S	3	71	5
85	55	.71	69	350	N	2	54	6
88	55	.58	63	450	N	3	46	5
86	53	.39	52	500	N	3	43	5
83	57	.29	44	550	N	4	54	6
79	54	.20	35	650	N	5	53	6
83	55	.34	51	600	N	4	71	6
13	10	10	10	11	10	10	27	10

MEAN NUMBER OF DAYS OCCURRENCE OF:

PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.0	THUNDER STORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 70	MIN ≤ 32	MIN ≤ 0
11	3	1	0	2	15	0	0	17	0
9	3	0	0	2	13	0	0	11	0
11	4	0	0	4	13	0	0	4	0
9	4	0	0	6	13	0	0	0	0
9	3	0	0	7	17	0	0	0	0
9	2	0	0	9	17	0	0	0	0
10	3	0	0	12	19	0	0	0	0
9	3	0	0	10	22	0	0	0	0
8	2	0	0	5	20	0	0	0	0
7	2	0	0	2	19	0	0	0	0
9	3	0	0	2	16	0	0	0	0
10	4	0	0	2	15	0	0	0	0
111	36	1	0	65	198	17	0	52	15

REMARKS: BUSSMO POR:
HOURLY OBS: SEP 76-AUG 86
SUMMARY OF DAY DATA: MAR 42-MAY 46, NOV 58-AUG 86

NUMBER OBSERVED WITHIN: A/B (1900-1982)
(A) Hurricanes
(B) Tropical Storms

	JUN	JUL	AUG	SEP	OCT	ANN
60MN	0/1	0/0	0/0	0/0	0/1	0/2
120MN	0/3	0/0	2/5	0/4	0/1	2/13
240MN	1/9	0/2	4/14	7/19	0/6	12/50

NOTE: * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GRTR % PVLG DRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%)

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
00-02	20	23	19	14	11	9	7	6	10	16	21	15	15	
03-05	19	24	23	19	22	17	20	21	21	19	27	26	23	
06-08	37	32	26	22	25	19	24	33	33	31	36	32	29	
09-11	36	31	26	22	21	16	16	20	23	23	30	29	24	
12-14	33	26	21	16	12	8	14	10	14	17	25	26	18	
15-17	29	24	15	12	7	5	9	6	8	10	19	20	13	
18-20	26	19	13	9	7	3	4	4	7	11	17	19	12	
21-23	26	24	18	9	6	3	4	4	8	12	19	22	13	
ALL HRS	32	25	20	15	14	10	11	13	16	17	24	25	19	10
00-02	19	17	12	8	7	4	3	5	8	13	16	12	9	
03-05	22	16	11	11	15	14	16	18	16	14	20	15	16	
06-08	25	19	15	14	18	15	22	29	30	25	27	18	21	
09-11	24	18	12	10	9	6	8	11	13	16	20	16	13	
12-14	20	14	8	6	4	3	4	4	5	8	13	12	8	
15-17	17	11	7	5	2	2	2	2	4	5	10	9	6	
18-20	16	12	7	4	3	2	2	2	4	6	11	9	7	
21-23	16	11	7	5	3	2	2	2	5	9	13	11	8	
ALL HRS	20	15	10	8	6	5	6	9	11	11	16	13	11	15
00-02	13	11	8	5	4	2	2	2	5	7	10	10	6	
03-05	16	11	7	6	6	7	10	11	14	10	15	10	10	
06-08	16	14	9	8	10	7	10	17	19	17	20	12	14	
09-11	17	11	7	6	5	3	3	5	8	9	15	11	8	
12-14	13	9	5	3	2	2	2	1	2	3	8	7	4	
15-17	12	7	4	2	1	1	1	1	1	3	7	6	4	
18-20	11	9	6	4	3	2	2	2	2	4	7	7	4	
21-23	11	9	6	5	3	2	2	2	3	6	9	8	5	
ALL HRS	14	10	6	4	4	2	2	4	5	6	7	11	9	7	10
00-02	1	1	1	0	0	0	0	0	1	1	1	1	1	
03-05	2	1	1	1	0	0	0	1	2	1	2	2	1	
06-08	2	1	1	1	0	0	0	1	2	1	2	0	1	
09-11	0	0	0	0	0	0	0	0	0	0	1	0	0	
12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
18-20	1	1	0	0	0	0	0	0	0	0	1	0	0	
21-23	0	1	0	0	0	0	0	0	0	0	1	1	0	
ALL HRS	1	1	1	0	0	0	0	0	1	0	1	1	1	10

CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI

CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI

CS DATED APR 82 OBSOLETE

PREPARED BY: USAFETAC
NOVEMBER 19--

STATION NAME : KLESLER AFB MS
LOCATION : MJQ 25 mOBP 55

PERIOD: MAY 42-AUG 86
ELEV : 34 FT

STN LSNO:
WBC ID: 747686

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (in) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (in) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	59	44	52	82	10	4.9	11.6	.7	6.5	0	0	0
FEB	62	47	55	80	15	4.7	11.9	1.2	4.3	0	3	2
MAR	68	51	61	84	29	6.2	17.1	.6	5.7	0	1	1
APR	76	62	69	93	39	4.8	16.7	0	7.4	0	0	0
MAY	83	68	76	97	48	4.9	12.3	.3	5.7	0	0	0
JUN	88	74	81	101	57	5.1	15.2	0	5.2	0	0	0
JUL	90	76	83	101	60	6.8	25.2	1.7	6.5	0	0	0
AUG	89	75	83	104	62	6.2	12.4	.3	3.6	0	0	0
SEP	84	71	77	98	45	4.6	18.2	.6	10.2	0	0	0
OCT	79	61	70	93	36	2.7	10.6	.4	8.4	0	0	0
NOV	69	52	61	86	25	3.6	11.2	0	5.4	0	0	0
DEC	62	44	53	81	12	4.8	9.6	1.1	1.5	0	0	0
ANN	76	61	68	104	10	60.7	25.2	.6	10.2	0	0	0
SYR	99	99	99	99	99	99	99	99	99	99	99	99

MEAN

MONTH	RELATIVE HUMIDITY (%) LST 01	LST 13	VAPOR PRESSURE (mb)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.9%
JAN	76	62	.23	30	460
FEB	79	63	.24	33	450
MAR	81	63	.39	42	550
APR	80	62	.50	49	400
MAY	80	63	.64	56	300
JUN	78	62	.76	73	200
JUL	81	65	.85	74	150
AUG	84	66	.85	74	150
SEP	91	71	.71	69	300
OCT	79	59	.50	59	300
NOV	80	62	.39	52	350
DEC	77	61	.29	49	400
ANN	80	63	.50	59	400
SYR	91	71	.71	69	300

SURFACE WINDS

MONTH	PVLG DIRCTN (10 FT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	CEILING & VISIBILITY (tenths)
JAN	N	8	61	8
FEB	N	8	54	6
MAR	N	8	54	6
APR	SSE	6	61	6
MAY	S	6	59	6
JUN	S	5	56	6
JUL	S	5	56	6
AUG	N	112	6	
SEP	SSE	5	85	5
OCT	N	5	51	5
NOV	N	5	47	6
DEC	N	6	58	8
ANN	N	5	112	6
SYR	10	10	39	10

MEAN NUMBER OF DAYS OCCURRENCE OF:

MONTH	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER STORMS	FOG ≤ ¼ MI	TEMPERATURE MAX (°F) ≥ 95	TEMPERATURE MAX (°F) ≥ 90	TEMPERATURE MIN (°F) ≤ 45	TEMPERATURE MIN (°F) ≤ 32
JAN	10	3	0	0	2	17	0	0	17	8
FEB	9	3	0	0	3	14	0	0	12	2
MAR	9	4	0	0	5	17	0	0	7	0
APR	7	2	0	0	4	13	0	0	1	0
MAY	7	3	0	0	6	9	0	1	0	0
JUN	9	3	0	0	10	7	1	10	0	0
JUL	13	4	0	0	16	8	3	15	0	0
AUG	12	4	0	0	14	8	2	16	0	0
SEP	9	4	0	0	7	16	0	6	0	0
OCT	6	2	0	0	2	13	0	0	1	0
NOV	7	2	0	0	2	13	0	0	0	1
DEC	10	3	0	0	3	16	0	0	10	3
ANN	96	37	0	0	76	155	6	48	60	11
SYR	99	99	99	99	99	99	99	99	99	99

REMARKS: SEISMO POR:
HOURLY OBS: SEP 76-AUG 86
SUMMARY OF DAY DATA: MAY 42-AUG 86

NUMBER OBSERVED WITHIN: (1900-1982)

	A/B	MAY	JUN	JUL	AUG	SEP	OCT	ANN
	60NM	0/0	1/2	0/0	1/3	5/5	0/3	7/13
(A) Hurricanes	120NM	0/0	1/6	1/3	6/6	10/15	1/7	19/37
(B) Tropical Storms	240NM	0/3	4/14	3/10	16/15	21/37	5/16	49/95

NOTE * DATA NOT AVAILABLE # UNITS < UNITS SHOWN IS MISSING ** INSTANTANEOUS PEAK WINDS § % CALM WHEN % PLUG DIRCTN ‡ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	30	31	30	23	16	3			6	13	20		20	
	03-05	31	33	31	24	19	6			6	14	25		19	
	06-08	34	38	31	24	19	6			7	9	16	26	17	20
	09-11	27	31	23	15	11	2			4	5	8	18	11	14
	12-14	24	25	17	11	7	3			3	4	6	15	10	11
	15-17	21	21	18	11	9	3			4	4	9	13	10	11
	18-20	25	23	20	15	10	3			1	2	3	5	14	11	12
	21-23	27	25	24	18	12	2			2	2	2	7	15	13	13
	ALL HRS	27	26	24	17	13	3			3	6	5	9	14	12	15	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	22	21	21	14	7	1			2	4	2	6	16	14	11	
	03-05	23	25	23	16	12	1			2	4	3	16	20	17	13	
	06-08	25	29	26	19	10	2			3	6	7	14	22	20	15	
	09-11	20	23	20	10	6	0			2	3	6	12	15	9		
	12-14	16	14	9	7	2	1			2	2	3	9	12	7		
	15-17	13	11	10	6	3	1			2	2	2	7	12	6		
	18-20	15	14	12	9	5	0			0	1	1	3	9	13	7	
	21-23	19	16	17	12	6	0			0	1	1	3	10	16	9	
	ALL HRS	19	19	17	12	6	1			1	3	2	6	13	11	10	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	18	16	17	10	2	0			0	1	1	4	12	10	8	
	03-05	18	16	16	12	3	0			0	1	2	7	13	14	9	
	06-08	20	20	20	13	4	1			1	2	3	9	16	14	10	
	09-11	15	15	10	6	2	0			0	1	1	3	6	10	6	
	12-14	11	9	6	4	1	0			0	1	0	1	3	6	4	
	15-17	8	8	6	4	1	0			0	1	1	0	1	4	8	4
	18-20	12	9	6	5	2	0			0	0	0	2	6	10	5	
	21-23	16	12	13	6	1	0			0	0	1	2	7	13	6	
	ALL HRS	15	13	12	8	2	0			0	1	1	4	9	11	6	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	5	4	5	1	0	0			0	0	0	1	4	3	2	
	03-05	6	6	6	2	0	0			0	0	0	1	4	3	3	
	06-08	7	6	7	3	0	0			0	0	0	2	4	5	3	
	09-11	4	3	1	0	0	0			0	0	0	0	1	2	1	
	12-14	1	1	0	0	0	0			0	0	0	0	1	1	0	
	15-17	2	1	0	0	0	0			0	0	0	0	1	1	0	
	18-20	2	1	0	0	0	0			0	0	0	0	1	2	1	
	21-23	4	4	2	1	0	0			0	0	0	0	1	2	1	
	ALL HRS	4	3	3	1	0	0			0	0	0	1	2	2	1	10

PREPARED JUL 87
OL-A/USAFETAC/AWS/MAC

STATION NAME: FT LEONARD WOOD MO
LOCATION: N 37 44 W 092 08

ELEVATION: 1158 FT STATION ID: KTBN
GMT TO LST: -6 WSC # 724457

A W S
CLIMATIC BRIEF
FOR LIMITED
DUTY STATIONS

CAUTION: MEANS AND EXTREMES BELOW ARE
ONLY FOR THE HOURS 0600 - 2100 LST
PERIOD OF RECORD: APR 77 - MAR 87

M O N T H	TEMPERATURES DAILY MEAN HIGH (F)	AVG (F)	LOW (F)	RELATIVE HUMIDITY % LST 07	13	VAPOR PRESS (INS) HG	DEW PT (F)	PRESS ALT FEET 99.9%	SURFACE WINDS PVLG DCTN	AVG 16PT	HIGH KTS	NO CEILING (%)
JAN	37	30	22	72	56	.10	18	1700	SNW	6	48	47
FEB	44	36	28	74	57	.13	24	1700	S	6	43	42
MAR	56	47	38	75	54	.19	33	1850	S	7	46	45
APR	67	58	48	70	49	.27	42	1750	S	8	55	48
MAY	74	65	56	76	55	.39	52	1600	S	6	50	48
JUN	82	74	65	77	58	.56	62	1450	S	5	37	55
JUL	89	80	70	76	53	.64	66	1350	SS	4	58	66
AUG	87	78	68	77	52	.60	64	1350	SS	4	48	60
SEP	79	70	60	79	55	.50	59	1500	S	5	44	61
OCT	69	60	50	76	52	.31	46	1550	S	6	45	54
NOV	55	47	39	76	57	.20	35	1700	S	6	49	45
DEC	43	35	28	74	59	.14	24	1800	S	7	54	45
ANN	65	57	48	75	55	.29	44	1650	S	6	58	52
YRS	10	10	10	10	10	10	10	10	10	10	13	10

THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION; THEREFORE, THEY WERE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
TEMPERATURES														
EXT MAX (F)	77	83	83	91	91	98	109	105	99	94	81	74	109	24
MEAN (F)	30	35	45	58	65	74	79	76	69	59	47	35	56	24
EXT MIN (F)	-13	-8	-4	23	33	45	49	47	34	23	5	-10	-13	24
PRECIPITATION														
MAX 24-HOUR	2.9	2.7	3.4	4.5	4.3	4.4	3.3	3.2	5.7	4.7	5.7	4.8	5.7	24
MAX MON (INS)	5.4	6.4	9.2	11.	9.0	10.	9.0	9.5	9.8	9.2	15.	10.	15.	24
MEAN (INS)	1.6	2.2	3.6	4.6	4.6	3.9	3.5	2.8	5.1	3.5	2.6	3.2	41.	24
MIN MON (INS)	.1	.6	1.4	1.6	1.3	1.0	.6	.6	.4	.5	.7	.5	.1	24
SNOWFALL														
MAX 24-HOUR	9	12	7	3	0	0	0	0	0	8	10	8	12	24
MAX MON (INS)	19	17	16	7	0	0	0	0	0	8	10	14	19	24
MEAN (INS)	4	5	4	1	0	0	0	0	0	0	2	3	19	24
MIN MON (INS)	0	0	0	0	0	0	0	0	0	0	0	0	0	24
PEAK WIND KTS	48	56	55	55	50	53	58	48	44	62	55	48	68	24
DAYS WITH														
THUNDERSTORMS	1	1	3	7	8	8	8	7	5	3	2	1	54	24
FOG	12	11	12	9	9	10	10	11	15	9	11	13	132	24
MEAS. PRECIP.	7	9	10	11	10	10	8	7	11	7	9	10	109	24

NOTE: SOME VALUES IN THE SUMMARY OF DAY SECTION HAVE BEEN ROUNDED.

REMARKS: HURRICANE/TROPICAL STORM INFORMATION FOR YEARS 1900 - 1985

	A/B	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
A = HURRICANES														
B = TROPICAL STORMS	60NM	00/00	00/00	00/00	03/00	00/00	00/00	00/00	00/00	00/00	00/00	00/00	00/00	00/00
(B OBSERVED	120NM	00/00	00/00	00/00	03/00	00/00	00/00	00/00	00/00	00/01	00/00	00/00	00/00	00/01
WITHIN)	240NM	00/00	00/00	00/00	03/00	00/00	00/00	00/00	00/02	00/02	00/00	00/00	00/00	00/04

---APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED---

SYMBOLS: - DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION # AMOUNTS < UNITS SHOWN IN HEADING & SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	06 - 08	37	42	40	26	21	19	16	18	21	25	37	36	28	10
	09 - 11	31	40	36	24	22	15	9	13	15	22	35	36	25	10
	12 - 14	28	33	33	24	19	12	8	8	12	21	32	33	22	10
	15 - 17	27	30	27	18	13	6	5	6	9	17	30	31	18	10
	18 - 20	26	30	25	18	11	6	5	5	8	15	3	30	18	10
	21 - 23	25	35	23	14	13	6	8	4	10	17	33	29	18	7
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	06 - 08	27	31	26	19	17	16	14	15	18	20	28	28	22	10
	09 - 11	24	26	23	15	13	9	6	9	9	17	27	28	17	10
	12 - 14	20	18	17	13	8	6	6	6	6	14	22	24	13	10
	15 - 17	18	14	13	10	7	2	2	2	5	11	21	21	11	10
	18 - 20	17	14	14	9	6	2	3	3	4	9	21	21	10	11
	21 - 23	16	21	13	6	5	3	6	3	8	9	23	19	11	7
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	06 - 08	18	23	21	13	11	12	10	11	13	16	23	23	16	10
	09 - 11	17	18	16	9	8	5	3	6	6	12	22	23	12	10
	12 - 14	12	13	11	6	4	3	2	3	3	9	17	19	9	10
	15 - 17	11	11	9	5	3	1	1	1	3	8	15	17	7	10
	18 - 20	11	12	9	5	4	2	1	2	2	7	16	16	7	10
	21 - 23	10	14	10	4	4	2	4	2	5	7	16	15	8	7
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	06 - 08	4	5	3	1	2	2	2	1	3	3	6	4	3	10
	09 - 11	2	3	1	0	1	0	0	0	0	0	2	3	1	10
	12 - 14	1	2	0	0	0	0	0	0	0	0	1	1	0	10
	15 - 17	1	1	0	0	0	0	0	0	0	0	1	2	0	10
	18 - 20	2	2	1	0	0	0	0	0	0	0	2	2	1	10
	21 - 23	2	1	1	1	1	0	1	1	0	0	0	1	1	7

PREPARED BY: USAFETAC
DECEMBER 1981

STATION NAME: KANSAS CITY INTL MO
LOCATION: N39 17 W 94 43

PERIOD: Jan 49 -MAY 81
TLEV: 1025 FT

STN LTRS: MCI
WSC NO: 72406

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST	LST	MEAN WIND SPEED (MPH)	MEAN PRESSURE (30 in Hg)	MEAN DEW PT (°F)	PREVAILING VISIBILITY (FT)	SURFACE WINDS PVLG DIRCTN (10 FT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT)	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	POG VSBY < 7 MI	TEMPERATURE MAX ≥ 95	TEMPERATURE MAX ≥ 90	TEMPERATURE MIN ≤ 32	TEMPERATURE MIN ≤ 10
JAN	37	19	28	75	-13	1.3	5.2	.1	1.4	7	31	12	72	60	.08	14	1650	NW	9	48	6	7	2	4	1	9	11	0	0	27	8
FEB	43	24	34	83	-13	1.2	3.3	.3	1.7	4	21	8	73	60	.11	20	1700	S	10	48	6	7	1	3	1	1	10	0	0	21	3
MAR	53	33	43	87	-10	2.6	9.1	.5	2.3	4	29	9	74	57	.17	31	1600	S	11	46	6	9	2	3	1	2	11	0	0	15	1
APR	66	46	56	92	12	3.3	6.9	.6	4.5	1	5	5	74	56	.27	42	1650	S	11	48	6	10	2	4	1	4	8	0	0	2	0
MAY	76	56	66	97	30	4.6	10.1	2.2	3.2	0	0	0	81	57	.40	53	1500	S	9	50	6	11	3	0	0	0	9	0	2	0	0
JUN	85	66	75	105	47	4.7	10.6	1.4	3.4	0	0	0	82	54	.54	61	1500	S	9	61	5	10	3	0	0	0	9	7	3	0	0
JUL	89	70	80	112	52	4.3	10.7	.3	3.8	0	0	0	79	52	.62	85	1250	S	8	70	4	8	3	0	0	0	6	8	16	0	0
AUG	88	68	78	105	49	4.0	8.7	.3	7.5	0	0	0	81	55	.60	64	1300	S	8	63	4	8	3	0	0	0	7	7	6	14	0	0
SEP	80	60	70	103	38	4.2	11.6	.2	6.8	0	0	0	82	57	.45	56	1400	S	8	63	5	8	2	0	0	5	10	2	5	0	0
OCT	70	49	59	97	021	3.3	8.6	.2	3.5	0	0	0	76	52	.28	43	1500	S	9	42	4	7	2	0	0	3	8	0	0	1	0
NOV	54	35	45	82	1	1.6	5.5	.1	3.7	1	7	5	75	58	.16	32	1600	S	10	46	6	6	1	1	0	1	9	0	0	12	0
DEC	42	25	34	70	-11	1.5	5.0	.1	2.8	4	17	8	74	60	.12	22	1700	S	10	56	6	7	1	3	1	1	11	0	0	24	3
ANN	65	46	56	112	-13	36.6	11.6	.1	6.8	21	31	12	77	56	.27	42	1600	S	9	70	5	98	24	16	6	51	107	19	165	102	15
YRS	32	32	32	32	32	32	32	32	32	32	32	32	8	8	8	8		8	8	10	8	32	32	32	32	32	32	32	32	32	32

REMARKS

RUSSWO POR
HOURLY OBS: Jun 73-May 81
DAILY OBS: Jan 49-May 81

NUMBER OBSERVED WITHIN: (1900-1979)

	A/B	AUG	ANN
	60NM	0/1	0/1
(A) Hurricanes	120NM	0/1	0/1
(B) Tropical Storms	240NM	0/1	0/1

NOTE * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** MAX HRLY WIND BY CLASS INT % % CALM CRTR % PLVG DRCTN 3 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYR
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	30	25	18	12	7	4	5	13	12	24	27	17	
	03-05	26	30	26	21	14	8	6	8	17	15	26	29	19	
	06-08	29	30	30	24	20	14	9	14	23	18	32	31	23	
	09-11	30	31	30	27	20	16	9	13	23	20	34	31	24	
	12-14	29	31	29	23	17	12	9	11	19	17	31	30	22	
	15-17	25	29	27	19	12	9	5	7	14	13	27	26	18	
	18-20	24	26	21	15	8	6	6	6	10	11	24	25	15	
	21-23	23	27	22	15	9	6	6	5	10	11	25	26	15	
	ALL HRS	26	29	26	20	14	10	7	8	16	15	28	28	19	8
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	19	17	11	7	4	1	3	9	8	18	19	11	
	03-05	19	21	19	13	9	5	4	5	12	10	18	22	13	
	06-08	22	23	20	15	17	9	7	11	19	14	22	24	17	
	09-11	23	22	21	15	12	7	5	9	16	13	22	24	16	
	12-14	21	19	16	10	8	3	2	5	8	9	16	21	12	
	15-17	16	17	15	9	7	3	1	2	4	7	14	16	9	
	18-20	17	17	11	8	5	3	2	2	5	6	13	17	9	
	21-23	16	18	11	8	5	3	2	2	6	7	13	18	9	
	ALL HRS	19	20	16	11	9	5	3	5	10	9	17	20	12	8
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	14	13	11	7	5	3	1	2	7	5	11	13	8	
	03-05	15	14	13	8	7	3	3	3	10	7	14	15	9	
	06-08	16	16	15	9	11	5	4	7	15	10	15	16	12	
	09-11	17	16	13	10	6	3	2	6	10	8	17	17	10	
	12-14	15	12	11	6	5	2	1	2	4	5	11	14	7	
	15-17	11	12	9	5	5	1	1	1	2	4	10	11	6	
	18-20	12	12	8	4	4	2	1	1	2	5	10	11	6	
	21-23	13	12	7	4	4	2	1	1	2	6	10	11	6	
	ALL HRS	14	13	11	7	6	3	2	3	7	6	12	14	8	8
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	3	2	1	0	1	0	0	0	1	1	2	3	1	
	03-05	4	3	2	1	2	0	1	0	2	1	2	3	2	
	06-08	4	3	3	2	2	1	0	1	4	1	4	3	2	
	09-11	3	3	2	0	0	0	0	0	1	1	2	2	1	
	12-14	3	2	1	0	0	0	0	0	0	0	2	1	1	
	15-17	1	2	1	0	0	0	0	0	0	0	0	2	1	
	18-20	2	2	1	0	0	0	0	0	0	0	1	2	1	
	21-23	2	2	1	0	1	0	0	0	1	1	1	2	1	
	ALL HRS	3	2	2	0	1	0	0	0	1	1	2	2	1	0

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RICHARDS-GEBAUR AFB, MO | STATION #: 724466 | ICAO: GVW
LOCATION: 3851N 9433W | ELEVATION (FEET): 1093 | LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	71	84	85	92	94	104	111	108	102	93	84	71	111
MEAN DAILY MAX	1	36	42	55	66	75	83	90	88	79	67	53	40	65
MEAN	1	29	34	46	58	67	76	82	80	71	59	46	33	57
MEAN DAILY MIN	1	21	25	37	48	57	66	72	69	61	49	37	25	47
EXTREME MIN	1	-17	-9	-7	16	28	44	46	48	34	22	4	-20	-20
# DAYS GE 90	1	0	0	0	#	#	6	17	13	4	#	0	0	40
# DAYS LE 32	1	25	19	10	1	#	0	0	0	0	1	10	22	88
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	0	0	1	4
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.5	4.4	12.0	8.7	9.8	13.0	12.0	10.0	14.0	9.2	5.7	5.5	*
MEAN	2	1.5	1.2	2.6	3.5	4.3	5.4	3.8	3.3	4.7	3.6	1.8	1.6	37.3
MINIMUM	2	0.1	0.2	0.5	0.7	1.2	1.7	0.2	0.2	0.1	0.2	#	#	*
MAX 24 HR	2	1.7	1.7	1.9	3.4	3.4	4.4	4.2	6.1	5.2	3.8	3.6	3.2	6.1
# DAYS W/PRECIP	1	12	12	13	13	14	11	9	10	10	10	11	12	137
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	7	5	4	1	0	0	0	0	0	#	1	4	21
MAXIMUM	2	26	17	18	8	0	0	0	0	0	#	8	15	*
MAX 24 HR	2	11	11	7	8	0	0	0	0	0	#	6	7	11
# DAYS W/SNOW	1	8	8	4	1	0	0	0	0	0	#	3	6	30
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	73	71	71	69	78	78	76	80	80	75	69	71	74
RH (15 LST)	1	57	55	51	48	52	52	47	49	49	48	54	57	52
VAPOR PRESS	1	.12	.14	.20	.29	.42	.57	.64	.62	.48	.31	.21	.14	.34
DEWPOINT	1	18	22	32	41	52	61	65	64	56	43	33	22	42
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	N	N	S	S	S	S	S	S	S	S	S	S	S
MEAN SPEED (PVLG DRCTN)	1	9	10	10	10	9	8	7	8	8	9	9	9	9
MEAN SPEED (ALL OBS)	1	8	8	9	8	7	6	6	6	6	7	8	8	7
MAX PEAK GUST	2	52	55	56	58	59	58	60	47	44	52	46	51	60
PRESSURE ALT	2	1650	1700	1800	1700	1550	1500	1350	1350	1450	1550	1700	1800	1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	4	4	3	3	3	3	4	4	4
DAYS TSTMS	1	#	#	3	5	8	9	6	8	5	3	2	1	49
DAYS FOG LT 7	1	9	11	12	8	10	8	6	10	10	10	11	12	117
DAYS BNBD LT 7	1	0	0	#	#	0	0	0	0	0	0	0	0	0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(RICHARDS-GEBAUR AFB, MO)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, AUG 85, PERIOD OF RECORD RANGING FROM 10-30 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	26	24	18	10	7	3	1	11	12	26	28	16
03-05 LST	23	26	21	26	14	14	7	10	20	13	21	33	19
06-08 LST	29	32	34	23	23	16	14	22	25	22	34	36	26
09-11 LST	28	35	33	23	21	16	12	17	22	22	33	34	25
12-14 LST	27	31	30	24	20	15	9	14	18	21	30	32	23
15-17 LST	26	30	26	19	14	7	5	8	11	16	28	30	18
18-20 LST	24	28	25	15	10	7	4	6	8	13	24	28	16
21-23 LST	24	27	24	16	10	7	5	5	10	12	24	28	16
ALL HOURS	26	29	27	20	15	11	7	10	16	16	27	31	20

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	23	19	13	8	7	2	1	7	10	19	21	13
03-05 LST	20	23	16	19	12	12	6	10	17	12	19	28	16
06-08 LST	23	26	26	16	18	13	13	20	21	18	27	29	21
09-11 LST	23	28	24	14	12	9	8	13	16	17	25	28	18
12-14 LST	20	23	19	12	7	5	3	8	9	12	20	24	13
15-17 LST	18	21	15	9	5	3	2	5	5	10	17	21	11
18-20 LST	17	21	16	9	6	3	2	4	5	9	16	20	11
21-23 LST	17	20	16	10	5	5	4	4	7	9	16	19	11
ALL HOURS	20	23	19	13	9	7	5	8	11	12	20	24	14

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	16	13	9	4	4	0	1	5	7	15	14	9
03-05 LST	17	18	12	17	8	7	2	5	12	7	15	19	11
06-08 LST	16	20	19	12	11	8	6	13	15	14	17	22	15
09-11 LST	16	21	16	9	8	4	4	8	11	13	18	21	12
12-14 LST	15	16	13	7	4	2	1	3	5	8	13	18	9
15-17 LST	12	16	11	6	3	2	2	2	3	8	12	15	7
18-20 LST	12	15	11	6	3	2	1	2	3	7	12	16	7
21-23 LST	13	14	11	7	3	3	1	2	4	6	12	16	8
ALL HOURS	15	17	13	9	5	4	2	5	7	9	14	17	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	1	#	0	0	#	2	2	3	5	2
03-05 LST	4	4	4	4	3	#	1	1	4	1	2	6	3
06-08 LST	4	5	5	3	1	1	1	3	4	3	5	8	4
09-11 LST	3	5	2	#	#	#	#	#	1	1	3	5	2
12-14 LST	3	4	1	#	#	#	0	0	0	1	1	3	1
15-17 LST	2	3	1	#	#	#	#	0	#	#	1	4	1
18-20 LST	2	3	1	#	#	#	#	#	#	1	1	3	1
21-23 LST	3	3	1	1	#	0	#	#	#	1	2	5	1
ALL HOURS	3	4	2	1	1	#	#	1	1	1	2	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RICHARDS-GEBAUR AFB, MO | STATION #: 724466 | ICAO: GVW
LOCATION: 3851N 9433W | ELEVATION (FEET): 1093 | LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	3	6	12	2	3	4	1	1	0	3
03-05 LST	0	1	1	2	6	8	2	5	4	1	2	#	3
06-08 LST	#	0	1	2	3	5	4	3	3	1	#	#	2
09-11 LST	#	0	1	1	3	3	2	3	2	2	1	#	1
12-14 LST	0	0	1	2	4	4	2	2	2	1	1	#	1
15-17 LST	#	#	1	2	5	5	3	3	2	1	1	#	2
18-20 LST	#	#	1	2	5	6	4	4	3	1	#	#	2
21-23 LST	#	#	2	3	5	7	4	4	4	2	1	1	3
ALL HOURS	#	#	1	2	4	6	3	3	3	1	1	#	2

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	5	9	9	12	1	5	7	9	5	8	7
03-05 LST	3	4	4	12	11	7	2	8	5	8	4	7	6
06-08 LST	5	6	11	10	10	7	5	8	8	9	7	8	8
09-11 LST	5	6	11	8	8	7	4	8	7	9	9	8	8
12-14 LST	4	6	10	9	9	6	3	5	5	9	9	6	7
15-17 LST	4	6	9	10	9	6	3	5	5	8	11	6	7
18-20 LST	5	6	10	9	8	7	4	5	6	8	9	8	7
21-23 LST	4	6	11	10	8	5	3	4	7	8	10	8	7
ALL HOURS	4	6	9	10	9	7	3	6	6	8	8	7	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	9	3	1	0	0	0	0	0	0	7	8	3
03-05 LST	10	10	3	#	0	0	0	0	0	0	5	8	3
06-08 LST	8	9	3	1	0	0	0	0	0	#	3	7	3
09-11 LST	10	10	4	1	0	0	0	0	0	#	3	7	3
12-14 LST	8	9	4	1	0	0	0	0	0	#	3	7	3
15-17 LST	8	10	3	1	0	0	0	0	0	0	2	6	3
18-20 LST	9	9	4	1	0	0	0	0	0	0	3	6	3
21-23 LST	10	9	5	1	0	0	0	0	0	0	3	6	3
ALL HOURS	9	9	4	1	0	0	0	0	0	#	4	7	3

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	5	2	0	#	0	0	#	0	2	2	1
03-05 LST	3	1	3	3	#	#	#	0	#	1	2	1	1
06-08 LST	2	1	4	2	1	1	#	#	#	1	2	1	1
09-11 LST	3	3	6	6	2	2	#	#	1	2	4	3	3
12-14 LST	4	3	8	8	3	2	#	1	2	4	5	4	4
15-17 LST	3	4	6	5	3	2	#	1	2	2	3	2	3
18-20 LST	2	2	3	2	1	1	#	#	1	1	1	2	1
21-23 LST	2	2	2	2	#	#	#	#	0	#	1	2	1
ALL HOURS	3	2	5	4	1	1	#	#	1	1	2	2	2

(RICHARDS-GEBAUR AFB, MO)
REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, AUG 85, PERIOD OF RECORD RANGING FROM 10-30 YRS.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	15	12	8	4	3	0	1	5	7	13	13	8
03-05 LST	13	17	12	15	8	7	2	5	12	6	14	18	11
06-08 LST	15	19	17	11	10	7	6	13	14	13	16	20	13
09-11 LST	15	19	14	8	6	4	4	7	10	12	15	19	11
12-14 LST	13	14	11	6	3	2	1	3	4	7	11	16	7
15-17 LST	10	14	9	5	3	1	1	1	3	7	10	13	6
18-20 LST	11	14	9	5	3	2	1	2	2	6	10	15	7
21-23 LST	12	13	10	6	3	2	1	2	3	6	10	14	7
ALL HOURS	13	16	12	8	5	4	2	4	7	8	13	16	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	5	4	1	2	0	1	4	4	7	9	5
03-05 LST	8	13	7	9	5	4	2	4	8	4	11	13	7
06-08 LST	10	15	13	8	6	5	4	9	10	9	11	15	10
09-11 LST	11	14	10	5	3	2	2	3	6	7	10	14	7
12-14 LST	9	11	6	3	1	1	1	1	2	4	7	11	5
15-17 LST	7	11	5	2	1	1	1	1	1	4	7	9	4
18-20 LST	8	11	5	3	2	1	1	1	1	4	6	9	4
21-23 LST	8	10	5	3	2	1	#	1	2	3	7	11	4
ALL HOURS	9	12	7	5	3	2	1	3	4	5	8	11	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	2	3	#	1	0	1	3	3	3	8	3
03-05 LST	6	9	5	6	4	1	1	2	5	2	5	10	5
06-08 LST	7	9	7	4	2	2	2	4	6	6	7	10	6
09-11 LST	6	9	5	2	1	#	#	1	2	3	6	9	4
12-14 LST	6	7	3	1	1	#	#	#	#	2	3	6	2
15-17 LST	4	6	2	1	#	#	#	0	#	1	3	6	2
18-20 LST	4	7	2	1	1	#	#	#	1	2	3	6	2
21-23 LST	5	6	3	1	1	#	#	#	1	2	3	7	2
ALL HOURS	5	8	4	2	1	1	1	1	2	3	4	8	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	0	0	0	0	1	1	1	3	1
03-05 LST	1	1	2	4	1	0	0	0	4	#	2	4	2
06-08 LST	2	4	3	2	#	#	#	1	2	1	3	4	2
09-11 LST	2	3	1	#	0	0	0	0	#	#	1	2	1
12-14 LST	1	2	#	#	0	0	0	0	0	#	#	1	#
15-17 LST	1	1	#	0	0	0	#	0	0	#	#	2	#
18-20 LST	1	1	#	0	#	0	0	0	#	#	1	2	#
21-23 LST	2	2	1	#	#	0	0	0	#	1	1	2	1

PREPARED AUG 1985
OL-A/USAFETAC/AWS/MAC

STATION NAME: RICHARDS-GEBAUR AFB MO
LOCATION: N 38 51 W 094 33

ELEVATION: 1091 FT STATION ID: KGVW
GMT TO LST: -6 WSC # 724656

A W S
CLIMATIC BRIEF
FOR LIMITED
DUTY STATIONS

CAUTION: MEANS AND EXTREMES BELOW ARE
ONLY FOR THE HOURS 0700 - 2300 LST
PERIOD OF RECORD: MAY 75 - APR 85

MONTH	TEMPERATURES DAILY MEAN HIGH (F)	AVG (F)	LOW (F)	RELATIVE HUMIDITY % LST 08	13	VAPOR PRESS (INS) MB	DEW PT (F)	PRESS ALT FEET 99.95%	SURFACE WINDS PVLG DCTN 16PT	AVG MTS	HIGH MTS	NO CEILING (%)
JAN	35	27	18	73	61	.09	16	1650	N	7	52	49
FEB	41	33	32	72	58	.12	22	1730	S	8	46	53
MAR	52	43	33	71	55	.17	31	1600	S	9	48	52
APR	65	55	45	70	54	.27	42	1700	S	9	51	53
MAY	74	65	55	74	56	.39	52	1550	S	7	59	57
JUN	82	73	64	75	57	.56	62	1500	S	6	57	64
JUL	88	79	69	70	50	.62	65	1350	S	6	52	73
AUG	87	77	67	72	50	.58	63	1350	S	6	47	68
SEP	79	69	59	73	50	.44	55	1450	S	6	44	60
OCT	68	58	48	71	50	.28	43	1550	S	6	46	63
NOV	53	44	35	72	57	.19	33	1700	S	7	46	52
DEC	40	33	25	73	60	.12	23	1800	S	7	51	51
ANN	63	55	45	72	55	.28	43	1650	S	7	59	58
YRS	10	10	10	10	10	10	10	10	10	10	10	10

THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION: THEY WERE THEREFORE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
TEMPERATURES														
EXT MAX (F)	71	84	84	90	94	104	111	108	102	93	84	71	111	30
MEAN (F)	26	32	42	55	65	73	78	76	69	58	44	33	56	30
EXT MIN (F)	-17	-9	-7	16	30	44	46	48	34	22	4	-15	-17	30
PRECIPITATION														
MAX 24-HOUR	1.7	1.7	1.9	3.4	3.4	4.4	4.2	6.1	5.2	3.8	3.6	3.2	6.1	30
MAX MON (INS)	3.5	4.4	12.	8.7	9.8	13.	12.	13.	14.	9.2	5.7	5.5	56.	30
MEAN (INS)	1.5	1.2	2.6	3.5	4.3	5.4	3.9	3.3	2.7	3.6	1.8	1.6	37.	30
MIN MON (INS)	.1	.2	.5	.7	1.2	1.7	.2	.2	.1	.2	T	T	T	30
SNOWFALL														
MAX 24-HOUR	11	11	7	T	0	0	0	0	0	T	6	7	11	30
MAX MON (INS)	26	17	18	T	0	0	0	0	0	T	T	15	26	30
MEAN (INS)	7	5	4	1	0	0	0	0	0	T	1	4	21	30
MIN MON (INS)	T	T	0	0	0	0	0	0	0	0	0	0	0	30
PEAK WIND KTS	52	55	56	58	59	58	69	67	46	52	46	51	60	30
DAYS WITH														
THUNDERSTORMS	1	1	3	6	8	10	9	8	6	4	1	1	58	30
FOG	12	11	11	9	8	5	7	7	10	8	10	12	111	30
MEAS. PRECIP.	8	6	9	11	11	10	8	8	9	8	6	7	101	30

REMARKS: HURRICANE/TROPICAL STORM INFORMATION FOR YEARS 1930 - 1983

	A/B	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
A = HURRICANES														
B = TROPICAL STORMS	60NM	00/00	00/03	00/00	03/00	00/00	00/00	00/00	00/01	00/00	00/00	00/00	03/03	03/01
(B OBSERVED	120NM	00/00	00/03	00/00	30/00	03/00	00/30	30/00	00/01	00/00	00/03	00/00	03/03	00/01
WITHIN)	240NM	00/00	00/03	00/03	00/00	00/03	00/30	30/00	00/01	00/01	00/00	00/00	03/03	00/02

NOTE: ALL VALUES IN THE SUPPLEMENTAL SECTION ENDING IN A DECIMAL HAVE BEEN ROUNDED.
SYMBOLS: - DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION # AMOUNTS < UNITS SHOWN IN HEADING & SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	MEANS	
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	07 - 08	31	27	34	27	20	15	12	15	17	21	31	35	24	10	
	09 - 11	29	31	33	27	19	13	8	13	15	21	30	34	23	10	
	12 - 14	27	26	28	26	19	11	6	8	13	18	28	32	20	10	
	15 - 17	26	24	24	19	13	6	3	5	7	14	24	28	16	10	
	18 - 20	25	25	23	17	8	5	2	4	5	13	21	25	14	10	
	21 - 23	23	25	22	16	7	5	2	4	5	11	19	25	14	10	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	07 - 08	26	20	23	19	15	12	10	14	15	17	24	27	19	10	
	09 - 11	22	24	23	16	11	6	5	10	12	16	23	27	16	10	
	12 - 14	19	18	17	13	7	3	2	5	5	10	18	23	12	10	
	15 - 17	16	17	15	10	5	2	1	3	3	10	14	20	10	10	
	18 - 20	15	17	14	9	5	3	1	3	3	9	13	18	9	10	
	21 - 23	14	17	15	11	6	5	1	3	3	8	13	17	9	10	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	07 - 08	18	17	17	15	11	8	6	9	10	15	17	20	14	10	
	09 - 11	16	18	16	11	8	2	3	6	8	13	16	19	11	10	
	12 - 14	14	13	12	8	6	1	2	3	5	7	11	16	8	10	
	15 - 17	11	12	10	6	4	1	1	1	1	6	9	14	7	10	
	18 - 20	11	11	9	6	3	2	0	1	1	7	10	14	6	10	
	21 - 23	11	12	9	7	3	3	0	2	3	6	11	14	7	10	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	07 - 08	2	4	3	2	0	1	0	1	2	2	3	4	2	10	
	09 - 11	2	3	1	0	0	0	0	0	0	1	2	2	1	10	
	12 - 14	2	2	1	0	0	0	0	0	0	0	0	2	1	10	
	15 - 17	1	2	1	0	0	0	0	0	0	0	0	1	1	10	
	18 - 20	1	1	0	0	0	0	0	0	0	0	0	1	1	10	
	21 - 23	1	2	1	1	0	0	0	0	0	1	1	1	1	10	

A W S	STATION NAME: WHITEMAN AFB/KNOB NOSTER MO	FIELD ELEV: 869 FT
	LATITUDE/LONGITUDE: 38 44 N 093 33 W	STATION MSC: 724467
CLIMATIC BRIEF	HOURLY OBS POR: NOV 81 - OCT 91	CALL SIGN: KSZL
	SUMMARY OF DAY POR: DEC 42-SEP 46, JUN 54-SEP 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: FEB 87
NOV 92	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	73	82	86	92	94	103	107	106	101	94	82	72	107	43
MEAN MAX TEMP (F)	37	43	53	66	75	83	89	87	79	68	54	41	65	43
MEAN TEMP (F)	29	34	44	56	65	74	79	77	69	58	45	33	55	43
MEAN MIN TEMP (F)	20	24	34	45	55	64	69	66	59	47	35	25	46	43
EXTRM MIN TEMP (F)	-19	-10	-6	19	31	41	47	46	33	23	4	-18	-19	43
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	1	#	0	0	0	3	43
D/W TEMP GE 90 (F)	0	0	0	1	1	6	15	13	4	1	0	0	41	43
D/W TEMP LT 33 (F)	27	21	15	2	#	0	0	0	0	1	12	24	102	43
D/W TEMP LT 10 (F)	6	3	1	0	0	0	0	0	0	0	1	3	14	43
HEATING DEGREE DAYS	1115	882	655	292	88	7	#	1	50	247	594	974	4905	37
COOLING DEGREE DAYS	0	0	3	27	105	270	436	376	177	33	1	0	1428	37
MEAN DEWPOINT TEMP (F)	20	23	33	40	54	63	66	64	56	44	34	22	43	10
MEAN WET BULB TEMP (F)	27	30	40	48	58	67	70	68	61	50	40	28	49	10
99.95% WCPA (FT)	1400	1450	1600	1450	1300	1150	1050	1100	1200	1250	1500	1450	1400	10
MEAN REL HUM 07 LST(%)	71.1	72.8	74.5	70.8	78.6	79.4	77.6	79.0	78.8	75.5	74.0	74.0	75.5	10
MEAN REL HUM 13 LST(%)	57.4	57.8	54.0	50.6	58.0	58.9	54.5	54.0	53.8	53.1	56.5	61.5	55.8	10
MAX 24HR PRECIP (IN)	2.43	1.99	2.27	4.70	3.86	3.37	6.71	6.70	5.88	3.79	3.74	2.55	6.71	41
MAX PRECIP (IN)	5.15	4.59	8.90	9.58	10.81	15.58	14.01	11.70	19.42	7.98	11.73	6.57	60.25	41
MEAN PRECIP (IN)	1.48	1.60	3.08	3.92	4.83	4.82	3.74	4.10	4.28	3.55	2.45	2.08	40.13	41
MIN PRECIP (IN)	.05	.14	.66	.68	1.04	.41	.24	.30	.32	.19	#	.25	19.94	41
D/W PRECIP GE .01 (IN)	7	7	10	10	11	10	8	8	9	8	7	8	103	41
D/W PRECIP GT .50 (IN)	1	1	2	3	3	3	2	3	2	2	2	1	25	41
MAX 24HR SNFL (IN)	13.1	10.0	8.0	5.3	0	0	0	0	0	#	13.0	14.4	14.4	38
MAX SNFL (IN)	29.7	22.2	22.9	5.8	0	0	0	0	0	#	15.0	17.1	46.7	38
MEAN SNFL (IN)	6.4	6.0	3.5	.6	0	0	0	0	0	#	1.3	4.7	23.0	38
D/W SNFL GE .1 (IN)	4	3	2	1	0	0	0	0	0	0	1	3	14	38
D/W SNFL GE 1.5 (IN)	1	1	1	1	0	0	0	0	0	0	1	1	6	38
MAX DLY SNO DEPTH (IN)	17	12	13	4	0	0	0	0	0	0	14	14	17	38
PRVLNG WND DIR (DEG)	20-22	35-01	17-19	17-19	17-19	17-19	17-19	$17-19	17-19	17-19	17-19	17-19	17-19	10
MEAN WND SPD (KTS)	7	7	8	7	6	5	5	4	5	6	7	7	6	10
MAX WND SPD (KTS)	45	69	65	60	51	67	60	46	47	58	52	52	69	37
SKY COVER GT 5/10 (%)	52.4	59.4	62.4	53.6	57.5	53.2	41.8	43.4	43.3	49.8	55.1	58.3	52.5	10
D/W THUNDERSTORMS	1	1	3	6	9	9	8	8	6	4	2	1	58	41
D/W FOG (VSBY LT 7 MI)	11	11	11	9	9	8	8	10	10	9	10	12	118	41

LEGEND: ANN = ANNUAL
POR/YOR = PERIOD/YEARS OF RECORD
D/W = MEAN NUMBER OF DAYS WITH
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
& = BASED ON LESS THAN FULL MONTHS
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
** = INSTANTANEOUS PEAK WINDS
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION
* = DATA NOT AVAILABLE

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	25.9	26.0	25.2	15.3	10.2	5.6	2.7	7.1	7.7	14.8	26.1	28.1	16.2	10
	03 - 05	25.3	29.4	26.5	18.1	15.6	8.9	6.3	12.5	11.6	16.6	27.2	29.6	19.0	10
CIG	06 - 08	28.9	31.7	30.3	18.3	18.9	11.3	8.4	17.3	17.3	20.2	31.1	33.1	22.2	10
LT 3000 FT	09 - 11	28.8	30.1	30.2	19.7	20.4	9.9	7.0	12.2	18.6	20.0	30.3	32.2	21.6	10
AND/OR	12 - 14	27.0	24.8	28.3	19.2	16.3	7.6	4.9	10.1	15.1	20.3	29.0	31.8	19.5	10
VSBY	15 - 17	24.2	24.3	23.2	15.1	11.7	5.1	3.2	7.3	9.2	18.3	26.0	30.5	16.5	10
LT 3 MI	18 - 20	24.7	23.3	21.3	14.9	7.6	3.9	2.4	5.1	4.9	13.9	25.4	27.5	14.6	10
	21 - 23	23.9	22.8	22.2	14.0	8.5	5.0	1.8	4.5	6.0	14.1	24.4	28.0	14.6	10
	ALL	26.1	26.6	25.9	16.8	13.7	7.2	4.6	9.5	11.3	17.3	27.5	30.1	18.0	10
	00 - 02	17.3	19.4	13.2	8.2	6.2	3.3	1.9	5.5	6.1	11.0	16.8	21.2	10.8	10
	03 - 05	17.7	21.3	15.3	11.0	11.0	7.2	4.6	10.3	9.8	12.7	18.7	21.0	13.4	10
CIG	06 - 08	19.0	25.1	19.8	12.4	14.2	9.7	6.1	15.2	12.4	15.3	22.4	24.2	16.3	10
LT 1500 FT	09 - 11	18.4	22.1	19.5	11.6	10.8	4.8	3.2	8.5	10.8	15.7	21.0	23.8	14.2	10
AND/OR	12 - 14	17.2	16.7	13.8	9.2	7.3	3.2	1.2	4.2	6.0	12.6	17.3	22.2	10.9	10
VSBY	15 - 17	16.2	14.2	10.5	8.7	5.2	2.9	1.3	3.3	4.0	9.1	15.9	20.6	9.3	10
LT 3 MI	18 - 20	14.7	14.5	10.3	6.8	3.5	1.7	1.1	1.9	2.6	7.4	16.2	20.6	8.4	10
	21 - 23	15.8	17.0	11.5	6.4	3.8	2.8	.9	2.9	3.6	9.1	15.0	20.8	9.1	10
	ALL	17.1	18.8	14.2	9.3	7.7	4.4	2.5	6.5	6.9	11.6	17.9	21.8	11.5	10
	00 - 02	13.4	14.7	9.8	5.7	4.2	1.9	1.2	4.6	4.1	8.2	13.6	17.2	8.2	10
	03 - 05	13.7	17.5	10.2	7.1	8.7	4.8	2.7	7.6	7.4	9.9	13.9	17.4	10.1	10
CIG	06 - 08	14.1	20.6	13.7	8.1	10.2	6.8	2.9	11.5	9.2	12.2	16.4	18.5	12.0	10
LT 1000 FT	09 - 11	14.1	18.0	14.1	8.1	5.5	2.8	1.2	5.5	5.9	12.7	14.6	20.2	10.2	10
AND/OR	12 - 14	12.3	13.2	8.1	5.7	3.5	1.6	.5	2.7	2.1	7.7	12.6	17.2	7.3	10
VSBY	15 - 17	10.5	12.3	6.8	4.2	2.2	1.6	.5	.9	1.8	6.7	11.1	15.1	6.1	10
LT 2 MI	18 - 20	11.3	12.6	6.2	4.1	1.5	1.1	.4	.6	1.7	6.0	11.8	14.6	6.0	10
	21 - 23	11.5	13.4	7.7	4.2	2.4	2.0	.8	2.3	2.9	7.2	12.3	16.2	6.9	10
	ALL	12.6	15.3	9.6	5.9	4.8	2.8	1.3	4.5	4.4	8.8	13.3	17.1	8.3	10
	00 - 02	1.7	2.4	.2	.4	.5	.0	.0	.6	.7	.6	.8	3.0	.9	10
	03 - 05	2.2	3.4	.0	1.2	1.4	.4	.0	1.1	1.4	1.1	1.3	3.8	1.4	10
CIG	06 - 08	2.3	3.1	1.2	.8	1.2	.8	.0	1.4	1.7	1.3	.7	4.0	1.5	10
LT 200 FT	09 - 11	2.2	3.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	1.8	.6	10
AND/OR	12 - 14	.4	1.7	.0	.0	.1	.0	.0	.0	.0	.0	.7	.9	.3	10
VSBY	15 - 17	1.1	2.0	.0	.0	.0	.2	.0	.2	.0	.3	.1	1.0	.4	10
LT 1/2 MI	18 - 20	1.7	1.2	.1	.4	.0	.0	.0	.0	.0	.6	.2	1.6	.5	10
	21 - 23	1.0	1.9	.1	.0	.0	.0	.0	.2	.3	.8	.7	3.1	.7	10
	ALL	1.6	2.3	.2	.4	.4	.2	.0	.4	.5	.6	.6	2.4	.8	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

AWS CLIMATIC BRIEF

GREAT FALLS INTL, MONTANA — PERIOD: 1931-70 — WBAN # 24143 — WMO # 72775

Prepared by ETAC (SEP 1971) — N 47 29 W 111 22 — FIELD ELEVATION: 3671 ft — STN LTRS: KGTF

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS										
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FASTEST) SPEED (MILE) [2]	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	MEAN CLDS (TENTHS)
JAN	62	32	13	-37	0.6	0.7	10	10	SW	14	56	66	59	9	.07	4600	9	#	10	3	#	5	0	0	27	10	7
FEB	67	34	14	-22	0.7	0.9	9	11	SW	13	63	67	55	15	.09	4550	8	#	7	2	#	4	0	0	24	5	7
MAR	72	41	20	-29	0.9	1.0	10	10	SW	12	63	69	52	17	.10	4500	9	#	9	3	#	5	0	0	26	4	7
APR	83	55	32	-6	1.0	2.4	7	9	SW	11	61	67	42	25	.14	4400	9	#	6	2	1	4	0	#	16	#	7
MAY	90	66	40	15	2.1	3.2	1	6	SW	10	56	69	41	34	.20	4300	11	1	1	1	4	3	#	3	3	0	6
JUN	97	73	47	31	2.9	2.7	1	11	SW	10	61	70	41	42	.27	4200	13	2	#	#	7	3	1	8	#	0	6
JUL	102	85	54	42	1.3	1.4	#	#	SW	9	63	62	31	43	.28	4000	7	1	0	0	8	1	8	22	0	0	4
AUG	106	82	52	37	1.3	1.7	0	0	SW	9	62	59	30	41	.26	4000	7	1	0	0	6	1	6	18	0	0	4
SEP	98	71	44	23	1.2	1.7	1	6	SW	10	63	62	36	35	.20	4150	7	#	1	#	2	2	1	7	2	0	5
OCT	87	59	36	7	0.7	1.2	3	8	SW	12	63	61	40	29	.16	4350	6	#	2	1	#	3	0	1	9	0	6
NOV	72	44	24	-23	0.8	1.0	8	11	SW	13	63	62	49	20	.11	4550	7	#	6	2	#	3	0	0	19	2	7
DEC	61	36	19	-43	0.6	0.7	8	10	SW	14	71	64	55	14	.08	4700	7	#	7	2	#	4	0	0	25	5	7
ANN	106	57	33	-43	14.1	3.2	58	11	SW	11	71	65	44	27	.15	4350	100	5	49	16	28	38	16	59	151	30	6
EYR	23	30	30	23	30	33	33	33	23	29	27	23	23	23	23	23	33	23	23	23	23	33	23	23	23	23	23

REMARKS: [1] Means and extremes included from the 1970 NOAA/EDS Local Climatological Data Annual Summary

[2] Fastest mile converted to knots.

RUSSWO POR: Hrly and Daily Obs: 4801-7007.

NOTE; #DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	13	13	15	14	11	7	1	2	9	11	9	11	10	
	03-05	14	16	17	16	12	8	3	2	11	10	10	11	11	
	06-08	15	17	17	18	15	10	4	4	12	11	10	12	12	
	09-11	13	13	17	20	17	11	4	5	12	11	11	11	12	
	12-14	11	12	16	16	14	9	2	3	9	10	11	11	10	
	15-17	11	11	13	12	11	6	2	2	7	9	9	10	9	
	18-20	11	11	12	13	8	6	1	2	6	9	9	11	8	
	21-23	12	11	14	13	9	6	2	3	7	10	9	12	9	
	ALL HOURS	12	13	15	15	12	8	2	3	9	10	10	11	10	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	8	8	10	9	7	4	1	1	5	7	6	7	6	
	03-05	8	12	11	11	8	6	1	2	7	8	6	7	7	
	06-08	9	12	13	13	11	7	2	3	7	9	7	8	8	
	09-11	10	10	13	12	10	6	2	2	6	8	8	8	8	
	12-14	7	8	10	7	6	4	1	1	4	6	7	8	6	
	15-17	8	7	8	6	5	3	#	1	3	6	6	7	5	
	18-20	7	6	8	6	4	3	#	1	3	6	7	7	5	
	21-23	8	8	9	7	5	3	1	1	4	6	6	7	5	
	ALL HOURS	8	9	10	9	7	4	1	2	5	7	7	7	6	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	5	8	8	7	5	3	1	1	4	5	5	5	5	
	03-05	6	8	9	8	6	5	1	1	5	6	5	5	5	
	06-08	7	9	10	10	8	5	1	2	5	8	6	5	6	
	09-11	7	8	10	8	7	3	1	1	4	7	6	6	6	
	12-14	5	5	5	5	6	2	#	#	3	4	5	6	4	
	15-17	5	5	4	5	3	2	#	#	1	4	4	5	3	
	18-20	5	4	5	5	3	2	#	1	2	4	5	4	3	
	21-23	6	6	6	5	4	2	1	1	2	5	4	4	4	
	ALL HOURS	6	7	7	7	5	3	1	1	3	5	5	5	5	22
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	#	1	1	1	#	1	#	#	#	1	1	#	1	
	03-05	1	2	2	1	1	2	#	#	1	2	1	1	1	
	06-08	#	2	2	3	1	1	#	#	1	2	1	1	1	
	09-11	1	1	1	1	#	0	0	0	#	1	1	#	1	
	12-14	#	#	#	#	#	#	#	0	#	#	1	#	#	
	15-17	#	#	#	#	#	#	0	0	0	1	1	#	#	
	18-20	#	#	#	1	#	#	0	#	0	1	1	#	#	
	21-23	#	1	1	1	#	#	0	#	0	1	#	#	#	
	ALL HOURS	#	1	1	1	#	#	#	#	#	1	1	1	1	22

A W S	STATION NAME: MALMSTROM AFB MT	FIELD ELEV: 3526 FT
	LATITUDE/LONGITUDE: 47 30 N 111 11 W	STATION MSC: 727755
CLIMATIC BRIEF	HOURLY OBS POR: JUN 78 - MAY 88	CALL SIGN: KGFA
	SUMMARY OF DAY POR: DEC 42 - SEP 45, DEC 45 - MAY 88	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: MAR 84
FEB 89	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	65	70	76	90	93	96	105	106	103	90	76	64	106	48
MEAN MAX TEMP (F)	30	37	42	55	64	72	82	81	69	59	44	35	56	48
MEAN TEMP (F)	21	27	32	44	53	61	69	68	57	48	34	26	45	48
MEAN MIN TEMP (F)	12	17	22	33	42	49	55	54	45	36	25	17	34	48
EXTRM MIN TEMP (F)	-36	-29	-31	-9	14	29	35	36	20	-7	-23	-44	-44	48
D/W TEMP GE 90 (F)	0	0	0	#	#	1	7	6	1	#	0	0	15	48
D/W TEMP GE 80 (F)	0	0	0	1	3	8	20	18	7	1	0	0	58	48
D/W TEMP LT 33 (F)	27	24	24	14	3	1	0	0	2	10	21	26	152	48
D/W TEMP LT 0 (F)	9	5	3	#	0	0	0	0	0	#	2	5	24	48
HEATING DEGREE DAYS	1347	1053	1003	619	361	153	33	48	255	518	905	1192	7487	45
COOLING DEGREE DAYS	0	0	0	#	10	41	152	132	29	2	0	0	366	45
MEAN DEWPOINT TEMP (F)	11	15	22	26	35	42	45	44	36	30	19	12	28	10
MEAN WET BULB TEMP (F)	21	24	31	38	46	52	56	55	47	40	28	21	38	10
99.95% WCPA (FT)	4000	4000	3950	3950	3850	3750	3650	3700	3850	3850	4000	4000	3900	10
MEAN REL HUM 07 LST(%)	58.6	61.2	63.4	57.7	61.7	59.6	58.1	58.0	62.9	63.5	61.0	60.7	60.5	10
MEAN REL HUM 13 LST(%)	49.8	49.8	47.7	35.9	40.4	38.1	34.5	33.5	40.4	41.4	48.1	52.5	42.6	10
MAX 24HR PRECIP (IN)	1.11	.73	1.23	2.02	2.05	3.12	1.90	2.00	1.54	1.27	3.19	1.30	3.19	48
MAX PRECIP (IN)	2.46	1.65	2.49	3.31	6.55	5.57	4.15	4.89	4.07	2.79	3.93	2.01	21.90	48
MEAN PRECIP (IN)	.70	.56	.87	1.03	2.42	2.73	1.29	1.36	1.19	.76	.67	.69	14.38	48
MIN PRECIP (IN)	#	.01	.09	.06	.31	.24	#	.06	.10	#	.02	.02	6.64	48
D/W PRECIP GE .01 (IN)	8	7	8	8	10	11	7	7	7	6	6	7	92	48
D/W PRECIP GT .50 (IN)	1	#	1	1	1	2	1	1	1	1	#	#	10	48
MAX 24HR SNFL (IN)	8.1	9.8	15.0	14.5	11.1	4.0	#	#	6.3	7.7	9.5	6.4	15.0	42
MAX SNFL (IN)	23.4	21.5	23.0	20.6	19.3	4.5	#	#	10.0	13.5	20.4	21.2	98.5	42
MEAN SNFL (IN)	8.9	6.8	8.7	5.7	1.3	.2	#	#	1.2	3.0	6.8	8.2	51.1	42
D/W SNFL GE .1 (IN)	8	6	7	4	1	#	0	0	1	2	5	7	41	42
D/W SNFL GE 1.5 (IN)	2	1	2	1	1	#	0	0	1	1	2	2	13	42
MAX DLY SNO DEPTH (IN)	18	18	15	17	9	4	0	0	4	5	13	16	18	42
PRVLNG WND DIR (DEG)	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	10
MEAN WND SPD (KTS)	9	8	8	8	7	7	6	6	6	7	8	9	7	10
MAX WND SPD (KTS)	59	61	59	63	59	78	58	67	57	62	69	57	78	41
SKY COVER GT 5/10 (%)	60.0	69.0	71.0	62.8	63.0	57.6	43.0	43.9	51.0	53.2	61.0	64.0	58.5	10
D/W THUNDERSTORMS	0	#	#	1	3	7	7	6	1	1	0	#	26	39
D/W FOG (VSBY LT 7 MI)	8	7	7	5	3	2	1	1	2	3	5	7	51	39

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	11.1	14.4	17.0	10.2	8.1	2.3	1.4	1.8	11.2	8.1	11.9	10.4	9.0	10
	03 - 05	11.6	12.7	19.9	10.7	9.6	2.8	3.2	2.3	13.8	9.1	13.2	10.0	9.9	10
CIG	06 - 08	12.4	15.0	20.4	11.1	11.4	4.2	3.3	3.2	12.6	10.0	15.0	10.0	10.7	10
LT 3000 FT	09 - 11	12.4	13.8	17.1	11.6	13.2	4.1	2.6	3.8	11.8	8.8	13.6	10.5	10.3	10
AND/OR	12 - 14	10.5	10.5	17.4	8.6	11.9	2.1	1.6	3.1	9.9	7.5	11.9	10.2	8.8	10
VSBY	15 - 17	8.8	8.4	13.0	7.1	9.1	1.0	1.6	2.7	8.3	6.0	11.1	9.0	7.2	10
LT 3 MI	18 - 20	10.3	9.8	12.6	7.1	6.9	1.8	1.3	1.7	8.6	7.6	12.3	7.1	7.3	10
	21 - 23	10.8	13.1	15.2	7.9	6.6	1.1	1.0	2.0	10.1	6.8	12.4	7.8	7.9	10
	ALL	11.0	12.2	16.6	9.3	9.6	2.4	2.0	2.6	10.8	8.0	12.7	9.4	8.9	10
	00 - 02	7.3	11.7	11.4	7.3	6.1	.8	1.1	1.0	7.8	5.4	8.0	7.1	6.2	10
	03 - 05	7.8	10.2	15.6	7.3	6.6	1.1	2.4	1.4	9.9	6.3	9.4	6.9	7.1	10
CIG	06 - 08	8.5	11.7	17.7	7.2	8.7	2.2	2.0	2.0	7.9	7.0	10.4	6.1	7.6	10
LT 1500 FT	09 - 11	9.5	10.2	14.2	7.6	8.2	1.9	1.5	2.0	6.8	5.7	10.7	7.2	7.1	10
AND/OR	12 - 14	8.4	8.1	11.6	5.0	5.9	1.0	1.3	1.4	5.8	4.5	9.6	6.8	5.8	10
VSBY	15 - 17	7.2	4.9	7.6	2.1	3.4	.4	1.1	.3	4.7	3.8	9.1	6.8	4.3	10
LT 3 MI	18 - 20	7.1	6.9	7.0	3.4	2.8	.6	.6	.0	4.2	4.0	9.6	5.2	4.3	10
	21 - 23	7.7	9.9	9.4	5.2	4.2	.2	.5	.4	6.2	3.5	8.7	5.5	5.1	10
	ALL	7.9	9.2	11.8	5.7	5.7	1.0	1.3	1.1	6.7	5.0	9.4	6.4	5.9	10
	00 - 02	4.6	9.1	8.4	5.7	4.4	.6	.2	.1	7.0	2.8	6.9	5.1	4.6	10
	03 - 05	6.1	8.2	11.8	5.9	5.1	.7	1.1	.9	8.2	3.9	7.8	4.8	5.4	10
CIG	06 - 08	5.8	8.8	14.2	6.1	5.7	1.7	.8	1.2	6.0	4.8	8.6	4.1	5.6	10
LT 1000 FT	09 - 11	7.3	8.6	11.2	5.4	4.1	.6	1.2	.9	5.2	3.5	8.7	4.8	5.1	10
AND/OR	12 - 14	5.3	6.0	7.4	3.2	3.0	.2	.9	.4	3.2	2.7	7.3	5.1	3.7	10
VSBY	15 - 17	5.2	3.5	5.2	1.4	1.9	.2	1.1	.1	2.3	2.4	5.7	4.0	2.7	10
LT 2 MI	18 - 20	4.6	5.4	5.1	2.4	1.5	.2	.5	.0	2.2	2.2	7.0	3.3	2.9	10
	21 - 23	4.5	8.0	6.6	3.7	2.6	.0	.1	.0	4.2	2.3	7.2	4.0	3.6	10
	ALL	5.4	7.2	8.7	4.2	3.5	.5	.7	.4	4.8	3.1	7.4	4.4	4.2	10
	00 - 02	.6	1.9	1.0	.1	.0	.0	.0	0	.0	.3	.1	.4	.4	10
	03 - 05	1.4	1.6	1.9	.2	.0	.0	.3		.7	.6	.7	.5	.7	10
CIG	06 - 08	1.4	1.5	2.4	.6	.0	.0	.1		.0	1.1	.7	.2	.7	10
LT 200 FT	09 - 11	1.2	2.0	1.5	.1	.0	.0	.0		.0	.4	.6	.9	.6	10
AND/OR	12 - 14	.2	.6	1.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	10
VSBY	15 - 17	.3	.5	.3	.0	.0	.0	.1	.0	.0	.0	.3	.3	.1	10
LT 1/2 MI	18 - 20	.9	1.3	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	.2	10
	21 - 23	1.2	1.2	.2	.0	.2	.0	.0	.0	.0	.0	.1	.0	.2	10
	ALL	.9	1.3	1.1	.1	.1	.0	.1	.0	.1	.3	.3	.4	.4	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

PREPARED BY: USAFETAC
OCTOBER 1979

STATION NAME: Lincoln Municipal Airport, Nebraska
LOCATION: N40 51 W096 46

PERIOD: Varied
ELEV: 1214 FT

STN LTRS: LNK
WBAN NO.: 14939
WMO NO.: 725510

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOW FALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	33	12	22	61	-33	0.7	1.6	0.2	0.8	9	15	8
FEB	38	17	28	84	-24	1.1	1.3	0.1	0.8	6	11	4
MAR	47	26	37	86	-4	1.5	6.7	0.5	1.6	7	8	8
APR	63	39	51	91	3	2.6	4.2	1.8	2.3	1	3	3
MAY	73	51	62	93	25	3.9	5.9	2.6	2.7	0	0	0
JUN	83	61	72	105	42	5.2	3.1	0.6	1.0	0	0	0
JUL	89	66	77	106	42	3.2	4.5	0.5	3.0	0	0	0
AUG	87	64	76	101	45	3.6	7.5	0.1	2.3	0	0	0
SEP	78	54	66	101	29	3.3	7.5	0.3	3.5	0	0	0
OCT	68	44	55	93	12	1.7	4.9	#	2.7	#	#	#
NOV	50	28	39	74	-5	1.0	3.6	#	1.9	2	9	8
DEC	38	17	27	68	-20	0.8	2.2	#	0.9	7	20	10
ANN	62	40	51	106	-33	28.6	7.5	#	3.5	32	20	10
YR	30	30	30	6	6	30	6	6	6	10	6	6

MONTH	MEAN RELATIVE HUMIDITY (%) LST 06	LST 12	VAPOR PRESSURE (IN Hg)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (KT)	CLOUD COVER (Sunrise-Sunset)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	PRECIP ≥ 0.5	SNOW FALL (IN) ≥ 0.1	SNOW FALL ≥ 1.5	THUNDERSTORMS	FOG	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MAX ≤ 32	MIN ≤ 0
JAN	78	67	.08	14	1900	N	9	50	6	7	#	5	2	#	7	0	0	31	8
FEB	81	63	.11	21	1800	S	9	42	6	7	1	4	1	#	8	0	#	27	2
MAR	82	62	.14	25	1900	S	10	49	7	8	1	4	2	1	11	0	#	20	#
APR	90	56	.21	36	1950	NE	10	50	6	9	2	1	#	4	7	#	2	8	0
MAY	83	55	.36	50	2250	S	10	50	6	10	3	0	0	8	7	1	9	1	0
JUN	79	49	.52	60	1750	S	10	52	6	11	2	0	0	10	4	8	22	0	0
JUL	77	46	.58	63	1500	S	8	45	5	10	2	0	0	8	2	17	28	0	0
AUG	83	53	.58	63	1500	E	9	56	5	9	2	0	0	10	6	13	25	0	0
SEP	86	57	.38	51	1650	S	9	43	5	9	2	0	0	5	7	3	11	#	0
OCT	81	52	.26	41	1800	S	9	45	5	6	1	#	0	2	6	1	4	7	0
NOV	81	60	.15	27	1800	NW	10	46	6	5	1	2	#	1	7	0	0	22	1
DEC	81	66	.11	18	1850	S	9	48	7	6	#	1	#	#	10	0	0	30	5
ANN	81	57	.24	39	1850	S	10	56	6	96	17	20	6	49	82	43	101	146	17
YR	5	5	10	10	10	S	9	18	13	16	10	10	10	9	10	5	10	5	5

REMARKS Source:
1. Local Climatological Data; POR: 1941-1970 (EXTREME MAX/MIN DATA IS 1972-1977)
2. Revised Uniform Summary of Surface Weather Observations; POR: 1948-1952, 1973-1977
3. Uniform Summary of Surface Weather Observations; POR: 1950-1959 (DATA FROM EXISTING LINCOLN AFB USSWO.
4. USAFETAC DASAV; POR: Mar 1967-Dec 1976

OCT # AMTS UNITS SHOWN IN HEADING

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
3	00-02	24	25	23	18	12	18	5	10	10	10	15	23	16	
	03-05	24	26	26	18	17	18	8	14	11	11	17	26	18	
CEILING LESS	06-08	28	31	29	23	17	19	10	16	13	14	20	26	20	
THAN 3000 FT	09-11	26	32	30	26	20	18	10	15	13	13	22	24	21	
AND/OR VISI	12-14	21	29	30	25	19	15	7	11	11	12	16	22	18	
BILITY LESS	15-17	20	25	27	19	11	11	4	8	7	9	14	22	13	
THAN 3 MI	18-20	18	26	24	16	11	10	4	5	5	8	14	22	14	
	21-23	18	27	22	14	10	11	4	6	6	7	14	22	13	
	ALL HRS	22	28	26	20	15	14	7	11	9	11	16	21	17	13
3	00-02	16	17	14	9	6	6	3	6	6	5	9	16	9	
	03-05	17	18	14	10	9	10	5	9	8	6	10	17	11	
CEILING LESS	06-08	21	22	20	16	11	14	7	11	10	10	12	17	14	
THAN 1500 FT	09-11	20	24	21	15	10	11	4	10	7	9	13	18	13	
AND/OR VISI-	12-14	15	17	18	12	7	8	2	6	4	6	10	15	10	
BILITY LESS	15-17	12	14	16	10	5	6	2	3	3	4	8	15	8	
THAN 3 MI	18-20	11	15	14	9	4	6	1	3	3	4	8	13	8	
	21-23	13	16	12	7	5	4	2	4	4	4	9	14	8	
	ALL HRS	16	18	16	11	7	8	3	7	6	6	10	16	10	13
3	00-02	12	14	9	6	3	4	2	4	3	3	5	10	6	
	03-05	12	14	9	7	5	7	3	5	5	4	7	11	7	
CEILING LESS	06-08	17	15	14	9	7	9	4	7	6	6	8	12	9	
THAN 1000 FT	09-11	14	14	15	10	5	6	1	5	3	5	8	11	8	
AND/OR VISI-	12-14	10	9	11	8	3	4	1	2	2	3	5	9	6	
BILITY LESS	15-17	9	8	10	5	2	3	#	2	1	3	6	9	5	
THAN 2MI	18-20	8	10	9	6	2	3	#	2	1	2	6	8	5	
	21-23	10	12	8	5	2	3	1	2	2	2	5	10	5	
	ALL HRS	12	12	11	7	4	5	2	4	3	4	6	10	7	13
3	00-02	2	1	1	#	#	1	#	#	0	#	1	3	1	
	03-05	2	2	1	1	#	1	#	1	1	1	3	3	1	
CEILING LESS	06-08	3	2	1	#	#	#	#	2	1	1	3	2	1	
THAN 200 FT	09-11	2	1	1	#	0	0	0	0	0	0	1	1	#	
AND/OR VISI-	12-14	1	#	1	#	0	0	0	0	0	0	#	1	#	
BILITY LESS	15-17	1	1	1	#	0	0	0	0	0	0	1	1	#	
THAN 1/2 MI	18-20	1	1	1	#	0	#	0	0	0	#	#	1	#	
	21-23	1	1	1	#	#	0	0	0	0	0	#	3	#	
	ALL HRS	2	1	1	#	#	#	#	#	#	#	1	2	1	13

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LINCOLN NE
LOCATION: 40°51'N, 96°46'W
PREPARED BY: USAFETAC/ECR, MAR 1988

STATION #: 725510
ELEVATION (FEET): 1214
PERIOD: VARIED

ICAO ID: KLNK
LST = GMT -6

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1-2	73	84	90	91	106	111	117	115	110	98	82	76	117
MEAN DLY MAX	1-2	31	37	51	64	74	85	91	87	78	66	49	36	62
MEAN	1-2	20	26	39	52	62	72	79	75	65	53	37	25	50
MEAN DLY MIN	1-2	11	17	29	41	50	61	67	64	55	42	28	17	40
EXTREME MIN	1-2	-33	-24	-19	3	25	38	42	40	26	12	-5	-27	-33
# DAYS ≥ 90	1-2	0	0	#	#	#	9	19	13	4	#	0	0	45
# DAYS ≤ 32	1-2	30	25	18	6	1	0	0	0	1	5	19	30	134
# DAYS ≤ 0	1-2	7	4	1	0	0	0	0	0	0	0	#	3	15
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.59	1.26	6.65	7.21	7.97	7.67	6.93	8.57	7.52	5.40	3.81	3.42	8.57
MEAN	2	.64	1.01	1.94	2.81	3.84	3.84	3.20	3.42	2.93	1.68	.96	.65	26.92
MINIMUM	2	#	0.08	.49	1.09	2.07	.63	.37	.07	.29	.01	.03	.04	#
MAX 24 HR	2	.76	.84	1.82	2.34	3.31	4.24	4.66	2.98	3.52	4.29	1.93	2.28	4.46
# DAYS ≥ 0.01	2	6	6	9	10	11	8	8	9	8	7	6	5	93
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	9.4	6.8	11.0	1.2	*	*	*	*	*	#	3.7	2.9	35.0
MAXIMUM	2	14.6	13.8	17.0	7.2	*	*	*	*	0.8	3.3	8.6	19.8	19.8
MAX 24 HR	2	8.0	7.7	8.3	4.2	*	*	*	*	0.8	3.3	7.7	10.4	10.4
# DAYS ≥ 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.0	2	2.1	2.1	1.8	0.5	*	*	*	*	*	#	1.0	1.9	9.4
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	76	80	81	80	83	82	81	85	84	81	81	80	81
RH (15 LST)	1	60	61	54	50	51	47	45	50	50	49	54	60	53
VAPOR PRESS	1	.09	.12	.17	.26	.39	.52	.62	.60	.45	.28	.18	.11	.32
DEWPOINT	1	12	18	28	39	50	59	64	63	54	41	28	18	40
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	N	N	N	N	S	S	S	S	S	S	N	N	S
MEAN SPEED (PVLG DRCTN)	1	11	11	11	11	11	10	10	10	10	10	10	11	11
MEAN SPEED (ALL OBS)	1	9	9	10	11	9	9	9	8	9	9	9	9	9
MAX (PK GST)	1	47	48	52	56	45	73	52	69	42	45	47	46	73
PRESSURE ALT	1	1890	2200	2150	2010	2020	1750	1830	1800	1630	1720	1840	1950	2200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	4	3	3	3	3	3	4	4	4
DAYS TSTMS	1	#	#	2	5	7	8	7	7	5	2	1	#	44
DAYS FOG < 7	1	8	10	13	10	10	6	5	9	8	9	10	11	109
DAYS BNBD < 7	1	#	#	#	#	#	0	#	#	0	#	0	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM > PVLG DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73-86
2. NATIONAL CLIMATIC CENTER, POR 45 YEARS
3.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	33	26	18	11	6	5	10	13	15	26	26	18
03-05 LST	24	33	29	23	16	10	8	13	15	20	30	25	20
06-08 LST	23	34	32	27	22	14	12	17	18	25	31	28	24
09-11 LST	22	34	34	30	20	15	11	15	20	25	30	29	24
12-14 LST	22	32	32	26	19	11	10	13	16	22	27	26	21
15-17 LST	21	29	28	22	12	7	6	8	12	16	23	23	17
18-20 LST	20	27	25	17	9	4	4	6	10	13	22	24	15
21-23 LST	20	27	24	16	10	5	5	7	11	14	24	25	16
ALL HOURS	22	31	29	22	15	9	8	11	14	19	26	26	19

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	25	18	12	7	4	4	9	8	10	20	21	13
03-05 LST	15	26	22	15	11	6	6	11	11	14	21	20	15
06-08 LST	15	26	26	18	16	10	9	15	15	18	23	22	18
09-11 LST	15	25	26	17	12	6	8	10	13	17	23	22	16
12-14 LST	14	22	18	13	8	3	3	5	7	12	17	20	12
15-17 LST	13	21	16	10	6	1	2	2	5	10	12	15	9
18-20 LST	12	19	16	10	5	2	2	3	5	9	13	16	9
21-23 LST	13	21	15	10	5	3	3	5	5	10	15	19	10
ALL HOURS	14	23	20	13	9	4	5	7	9	13	18	19	13

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	19	13	8	5	2	3	7	5	9	13	16	9
03-05 LST	10	19	17	10	8	4	4	8	7	10	15	15	11
06-08 LST	11	20	21	12	11	7	7	10	11	13	16	16	13
09-11 LST	10	19	19	12	8	3	4	6	9	11	17	17	11
12-14 LST	9	16	14	8	5	1	1	2	4	8	12	13	8
15-17 LST	7	14	11	6	3	1	1	1	3	7	9	11	6
18-20 LST	8	14	12	7	3	1	1	1	3	6	9	11	6
21-23 LST	8	15	11	6	4	2	2	3	3	8	10	14	7
ALL HOURS	9	17	15	8	6	3	3	5	6	9	13	14	9

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	4	3	#	1	0	#	#	0	1	2	3	1
03-05 LST	1	5	4	1	1	1	#	1	1	2	3	3	2
06-08 LST	2	5	5	2	1	#	#	2	1	2	4	4	2
09-11 LST	1	4	4	1	#	0	0	#	#	1	2	4	1
12-14 LST	1	2	2	#	0	#	0	#	#	#	1	2	1
15-17 LST	1	2	1	#	0	#	0	0	0	#	1	2	1
18-20 LST	1	2	1	#	#	#	0	0	0	#	1	2	1
21-23 LST	1	3	1	#	#	#	0	#	0	1	2	3	1
ALL HOURS	1	3	3	#	#	#	#	#	#	1	2	3	1

ECR-WFS-3

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: LINCOLN NE
LOCATION: 40°51'N, 96°46'W
PREPARED BY: USAFETAC/ECR, MAR 1988

STATION #: 725510
ELEVATION (FEET): 1214
PERIOD: VARIED

ICAO ID: KLNK
LST = GMT -6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	2	3	3	4	5	4	1	#	#	2
03-05 LST	#	#	1	2	3	5	5	5	3	2	#	0	2
06-08 LST	#	#	#	1	2	2	3	3	1	#	#	0	1
09-11 LST	0	#	#	1	2	1	1	1	1	#	#	0	1
12-14 LST	0	0	#	1	1	1	#	1	1	#	0	#	#
15-17 LST	0	0	#	1	2	2	1	1	1	1	#	0	1
18-20 LST	0	#	#	2	3	2	2	2	2	1	#	0	1
21-23 LST	0	0	1	2	3	5	4	2	3	1	#	#	2
ALL HOURS	#	#	#	2	2	3	3	2	2	1	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	8	9	8	5	5	6	7	7	6	4	6
03-05 LST	2	3	8	9	9	7	7	7	8	8	5	4	6
06-08 LST	1	4	8	10	8	4	5	7	6	7	7	4	6
09-11 LST	1	3	8	9	8	2	4	5	6	7	6	3	5
12-14 LST	1	3	8	8	8	3	3	3	5	5	6	3	5
15-17 LST	1	3	9	9	7	3	3	2	7	6	5	3	5
18-20 LST	2	3	9	9	8	4	3	3	5	6	6	4	5
21-23 LST	2	3	8	8	9	5	4	3	6	8	5	3	5
ALL HOURS	1	3	8	9	8	4	4	5	6	7	6	3	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	11	4	2	0	0	0	0	0	#	4	7	3
03-05 LST	11	12	5	2	0	0	0	0	0	#	5	7	3
06-08 LST	10	10	6	1	0	0	0	0	#	#	5	7	3
09-11 LST	10	11	6	2	0	0	0	0	#	1	5	8	3
12-14 LST	9	10	5	2	0	0	0	0	#	#	5	6	3
15-17 LST	7	8	4	2	0	0	0	0	0	#	3	6	3
18-20 LST	8	9	5	3	0	0	0	0	0	#	3	7	3
21-23 LST	11	8	5	2	0	0	0	0	0	#	4	7	3
ALL HOURS	10	10	5	2	0	0	0	0	#	#	4	7	3

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	5	6	2	2	1	1	1	2	4	4	3
03-05 LST	5	4	6	5	2	2	1	#	1	1	4	4	3
06-08 LST	4	3	6	7	3	3	2	1	1	2	4	5	3
09-11 LST	5	6	11	18	8	7	3	3	6	6	7	7	7
12-14 LST	8	7	17	22	11	9	7	6	9	12	10	11	11
15-17 LST	6	7	15	21	9	9	8	6	7	10	7	6	9
18-20 LST	5	4	6	9	4	4	2	2	1	3	3	4	4
21-23 LST	4	4	6	8	3	2	1	1	1	3	4	3	3
ALL HOURS	5	5	9	12	5	5	3	2	3	5	5	5	5

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73-86
2.
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	17	11	6	4	2	2	5	4	8	12	13	8
03-05 LST	9	17	15	8	7	4	4	7	6	9	13	13	9
06-08 LST	10	17	19	9	9	5	6	8	10	11	15	13	11
09-11 LST	8	17	17	9	5	2	3	5	6	8	14	14	9
12-14 LST	7	13	11	7	3	1	1	1	3	7	10	11	6
15-17 LST	6	11	9	5	2	1	#	#	2	5	8	9	5
18-20 LST	6	11	10	6	3	#	1	1	3	5	7	10	5
21-23 LST	6	13	9	4	3	1	2	2	2	7	9	12	6
ALL HOURS	8	15	13	7	5	2	2	4	4	8	11	12	7

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	11	7	3	3	1	1	2	2	6	8	9	5
03-05 LST	5	11	9	4	4	3	1	3	3	6	9	9	6
06-08 LST	6	12	12	5	5	3	3	5	5	7	10	9	7
09-11 LST	5	12	11	4	2	1	1	2	3	5	9	9	5
12-14 LST	5	10	7	3	1	#	#	#	1	4	6	7	4
15-17 LST	4	7	6	3	1	#	0	0	1	3	5	6	3
18-20 LST	4	6	6	2	1	#	#	#	1	3	5	7	3
21-23 LST	3	8	6	2	1	1	1	#	1	4	6	8	3
ALL HOURS	5	10	8	3	2	1	1	2	2	5	7	8	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	6	4	1	1	#	#	1	#	3	4	5	2
03-05 LST	3	7	6	2	2	1	#	2	2	3	5	6	3
06-08 LST	3	7	7	3	2	1	1	3	3	4	6	6	4
09-11 LST	3	8	7	2	#	#	#	#	1	2	5	6	3
12-14 LST	3	6	4	1	#	#	#	#	#	1	2	5	2
15-17 LST	2	4	3	1	#	#	0	0	#	1	2	5	2
18-20 LST	2	3	3	1	#	#	0	#	0	1	2	4	1
21-23 LST	2	4	3	1	1	#	0	#	#	2	3	5	2
ALL HOURS	3	6	5	2	1	#	#	1	1	2	4	5	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	3	2	#	#	0	0	#	0	1	2	2	1
03-05 LST	1	4	3	#	1	#	0	1	1	1	2	2	1
06-08 LST	1	4	4	1	1	#	#	1	1	2	2	2	2
09-11 LST	1	2	1	#	0	0	0	#	#	#	1	2	1
12-14 LST	#	1	#	0	0	0	0	0	0	0	#	#	#
15-17 LST	#	#	0	0	0	#	0	0	0	0	#	1	#
18-20 LST	#	1	#	0	#	0	0	0	0	0	1	1	#
21-23 LST	#	2	1	0	#	#	0	0	0	#	1	1	#
ALL HOURS	0	2	1	#	#	#	#	#	#	1	1	1	1

ECR-WFS-3a

A W S	STATION NAME: OFFUTT AFB NE	FIELD ELEV: 1048 FT
	LATITUDE/LONGITUDE: 41 07 N 095 54 W	STATION MSC: 725540
CLIMATIC BRIEF	HOURLY OBS POR: MAR 79 - FEB 89	CALL SIGN: KOFF
	SUMMARY OF DAY POR: JAN 48 - FEB 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: AUG 84
NOV 89	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	67	77	88	92	98	106	110	105	102	94	80	68	110	41
MEAN MAX TEMP (F)	30.0	35.9	46.7	62.1	72.9	82.2	86.5	84.1	75.9	65.2	48.5	35.4	60.4	41
MEAN TEMP (F)	21.5	27.3	37.7	51.9	63.1	72.5	77.0	74.6	65.8	54.7	39.6	27.3	51.1	41
MEAN MIN TEMP (F)	12.6	18.3	28.2	41.2	52.8	62.3	67.1	64.7	55.3	43.7	30.2	18.8	41.3	41
EXTRM MIN TEMP (F)	-22	-18	-15	10	26	42	45	42	28	18	-11	-18	-22	41
D/W TEMP GE 90 (F)	0	0	0	1	1	6	11	8	2	1	0	0	30	41
D/W TEMP GE 80 (F)	0	0	1	3	9	19	26	23	11	3	#	0	95	41
D/W TEMP LT 33 (F)	30	25	20	6	1	0	0	0	#	3	18	29	132	41
D/W TEMP LT 0 (F)	5	2	1	0	0	0	0	0	0	0	#	2	10	41
HEATING DEGREE DAYS	1322	1048	836	397	129	13	1	4	84	322	753	1150	6059	41
COOLING DEGREE DAYS			#	13	77	244	379	309	115	16			1153	41
MEAN DEWPOINT TEMP (F)	15.2	18.2	27.2	37.0	49.1	58.8	65.3	63.1	54.8	39.6	28.9	18.8	39.6	10
MEAN WET BULB TEMP (F)	22.5	24.7	34.6	44.8	55.4	64.1	69.2	67.0	59.4	46.4	35.3	24.7	45.6	10
99.95% WCPA (FT)	1650	1650	1750	1700	1600	1450	1350	1350	1500	1550	1750	1700	1650	10
MEAN REL HUM 07 LST(%)	70.9	72.7	72.0	70.6	73.4	75.1	79.4	81.3	81.6	75.0	73.3	74.9	75.0	10
MEAN REL HUM 13 LST(%)	57.4	61.1	55.2	51.0	54.4	54.9	58.7	59.9	56.3	52.4	58.1	63.6	56.9	10
MAX 24HR PRECIP (IN)	1.59	1.84	2.41	2.41	6.57	4.89	5.33	5.22	4.96	3.95	1.89	1.35	6.57	41
MAX PRECIP (IN)	3.30	2.81	8.16	7.63	13.33	17.08	13.37	10.60	12.41	6.83	5.01	3.74	48.37	41
MEAN PRECIP (IN)	.85	.98	2.01	2.89	4.56	4.29	3.78	4.20	3.42	2.13	1.46	.96	31.47	41
MIN PRECIP (IN)	#	.06	.06	.56	.98	.87	.25	1.06	.62	#	.02	.10	16.48	41
D/W PRECIP GE .01 (IN)	6	6	8	9	10	10	8	9	8	6	5	6	91	41
D/W PRECIP GT .50 (IN)	1	1	1	2	3	3	2	3	2	1	1	1	21	41
MAX 24HR SNFL (IN)	15.5	19.0	11.4	3.5	4.0	0	0	0	#	3.9	11.7	12.0	19.0	41
MAX SNFL (IN)	27.4	24.4	22.1	6.2	4.0	0	0	0	#	3.9	14.0	21.4	64.3	41
MEAN SNFL (IN)	7.2	6.7	6.7	.9	.1	0	0	0	#	.3	2.9	6.1	29.4	41
D/W SNFL GE .1 (IN)	4	4	4	1	#	0	0	0	0	#	2	4	19	41
D/W SNFL GE 1.5 (IN)	2	1	2	1	#	0	0	0	0	#	1	1	8	41
MAX DLY SNO DEPTH (IN)	19	19	31	3	3	0	0	0	0	1	10	17	31	41
MEAN SFC WND DIR (DEG)	330	330	330	330	150	150	150	150	150	$330	330	330	$150	10
MEAN WND SPD (KTS)	6.6	6.5	8.2	7.6	6.3	5.7	5.0	5.0	5.6	5.8	6.6	6.5	6.3	10
MAX WND SPD (KTS)	56	48	60	60	62	60	58	80	53	46	52	53	80	33
SKY COVER GT 1/2 (%)	55.0	60.4	62.0	56.5	60.0	55.6	46.0	48.6	46.0	51.8	57.0	60.3	55.2	10
D/W THUNDERSTORMS	#	1	2	4	8	10	9	9	6	3	1	1	54	40
D/W FOG (VSBY LT 7 MI)	10	10	10	8	7	5	6	9	9	8	9	11	102	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	19.7	26.1	26.3	16.1	10.8	5.2	3.9	9.9	10.3	12.9	24.8	26.3	16.0	10
	03 - 05	19.7	28.6	29.4	18.9	14.6	8.9	8.2	14.1	13.7	15.4	28.1	28.4	19.0	10
CIG	06 - 08	21.7	30.2	31.2	23.4	17.4	12.2	10.5	17.2	18.1	19.6	30.7	30.0	21.8	10
LT 3000 FT	09 - 11	21.6	30.0	31.4	23.2	19.1	10.9	8.9	15.4	19.5	20.9	31.0	30.3	21.8	10
AND/OR	12 - 14	21.0	30.3	29.6	20.9	17.2	7.8	4.9	11.6	16.8	19.4	29.4	28.2	19.8	10
VSBY	15 - 17	19.8	24.4	27.6	17.7	11.8	3.9	3.7	7.4	10.5	16.2	25.0	27.7	16.3	10
LT 3 MI	18 - 20	17.5	23.4	22.7	15.7	9.6	3.2	2.4	5.4	7.2	13.2	22.4	26.9	14.1	10
	21 - 23	18.5	23.8	23.7	14.8	8.1	4.6	3.9	6.6	9.1	13.1	22.8	26.7	14.6	10
	ALL	19.9	27.1	27.7	18.8	13.6	7.1	5.8	10.9	13.2	16.3	26.8	28.1	17.9	10
	00 - 02	11.3	20.5	16.6	10.4	7.2	2.1	2.4	6.2	6.8	9.9	15.0	19.5	10.7	10
	03 - 05	12.7	201	20.5	12.0	9.8	5.1	5.9	11.5	9.0	10.6	20.6	21.7	133	10
CIG	06 - 08	12.5	22.5	21.0	14.4	12.9	8.0	8.7	14.1	13.7	14.7	21.0	23.0	15.5	10
LT 1500 FT	09 - 11	12.6	22.5	21.2	13.7	11.0	4.4	5.4	10.6	10.4	13.9	21.7	23.0	14.2	10
AND/OR	12 - 14	11.4	20.8	16.9	8.6	7.0	1.7	1.6	4.9	6.7	10.8	18.9	19.5	10.7	10
VSBY	15 - 17	10.0	17.6	14.2	6.7	4.2	1.0	1.3	2.7	4.1	8.0	14.8	17.6	8.5	10
LT 3 MI	18 - 20	8.2	17.4	13.3	7.4	4.3	1.0	1.8	2.3	3.6	8.3	13.7	17.3	8.2	10
	21 - 23	9.6	18.8	15.8	7.9	4.2	1.6	1.6	3.7	4.8	8.8	13.8	18.7	9.1	10
	ALL	11.0	20.0	17.4	10.1	7.6	3.1	3.6	7.0	7.4	10.6	17.4	20.0	11.3	10
	00 - 02	7.3	16.	11.9	7.2	3.5	.2	1.3	4.0	3.5	6.7	9.4	13.7	7.1	10
	03 - 05	9.8	15.9	14.9	7.7	5.2	2.1	3.1	8.0	6.0	7.8	13.0	16.7	9.2	10
CIG	06 - 08	8.8	17.1	15.3	8.7	7.7	3.7	6.0	10.4	9.6	10.5	14.7	18.4	10.9	10
LT 1000 FT	09 - 11	8.8	16.3	15.6	6.9	5.8	1.4	2.3	5.5	5.8	10.8	15.4	15.5	9.2	10
AND/OR	12 - 14	7.3	14.7	12.0	3.2	3.4	.2	.5	1.4	2.1	7.6	13.1	13.7	6.6	10
VSBY	15 - 17	5.5	12.8	9.5	3.7	2.0	.2	.3	.3	1.9	4.9	7.9	12.9	5.2	10
LT 2 MI	18 - 20	4.3	13.0	9.5	4.1	2.8	.6	.4	.9	1.6	6.1	8.6	13.7	5.5	10
	21 - 23	5.2	13.8	11.1	4.4	2.8	.9	.6	1.4	2.0	5.8	8.8	14.1	5.9	10
	ALL	7.1	15.0	12.5	5.7	4.2	1.2	1.8	4.0	4.1	7.5	11.4	14.8	7.4	10
	00 - 02	1.0	1.9	1.4	.7	.4	.0	.0	.4	.1	.7	1.0	2.9	.9	10
	03 - 05	1.2	3.2	2.2	.8	.8	.1	.1	1.5	.5	.8	1.4	2.7	1.3	10
CIG	06 - 08	1.2	4.1	1.4	1.8	.8	.2	.0	2.6	1.0	1.0	1.7	3.0	1.6	10
LT 200 FT	09 - 11	.8	3.8	1.1	.2	.1	.0	.0	.1	.0	1.1	1.2	2.9	.9	10
AND/OR	12 - 14	.5	.8	.8	.1	.1	.0	.0	.0	.0	.1	.7	1.8	.4	10
VSBY	15 - 17	.0	.2	.6	.1	.0	.0	.0	.0	.0	.4	.8	1.4	.3	10
LT 1/2 MI	18 - 20	.1	.5	.6	.1	.0	.1	.0	.0	.0	.0	.4	1.6	.3	10
	21 - 23	.4	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.7	2.9	.5	10
	ALL	.6	1.9	1.1	.5	.3	.1	.0	.6	.2	.5	1.0	2.4	.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986: NONE

PREPARED BY USAFETAC

OCTOBER 1978

STATION NAME Las Vegas, Nevada, McCarran INTL
LOCATION N36 05 W115 09

PERIOD Varied
ELEV 2174 FT

STN LTRS LAS
WBAN NO 23169
WMO NO 723860

AWS CLIMATIC BRIEF

MONTH	1 TEMPERATURE (°F) MEAN DAILY MAX	DAILY MIN	MONTHLY	EXTREME MAX	EXTREME MIN	1 PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	2 SNOW FALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	56	33	44	77	8	0.5	2.4	0.0	1.0	1	17	5
FEB	61	37	49	[illegible]	18	0.3	2.5	0.0	1.2	#	#	#
MAR	68	42	55	91	23	0.3	1.8	0.0	1.1	#	#	#
APR	78	50	64	98	31	0.3	2.4	0.0	1.0	#	#	#
MAY	88	59	73	109	40	0.1	1.0	0.0	0.8	0	0	0
JUN	97	67	82	115	49	0.1	0.8	0.0	0.8	0	0	0
JUL	104	75	90	116	62	0.4	2.0	0.0	1.3	0	0	0
AUG	102	73	87	113	56	0.5	2.6	0.0	2.6	0	0	0
SEP	95	65	80	113	46	0.3	3.4	0.0	1.1	0	0	0
OCT	81	53	67	99	26	0.2	1.1	0.0	0.7	0	0	0
NOV	66	41	53	85	21	0.4	2.2	0.0	1.8	#	4	3
DEC	57	34	45	74	15	0.4	1.8	0.0	0.8	#	2	2
ANN	79	52	66	116	8	3.8	3.4	0.0	2.6	1	17	5
YR	30	30	30	28	28	30	30	30	30	29	29	29

MONTH	MEAN 1 RELATIVE HUMIDITY (%) LST 04	LST 16	3 VAPOR PRESSURE (MB Hg)	3 DEW PT (°F)	4 PRESSURE ALTITUDE (FT) 99.95	1 SURFACE WINDS PVLG DIRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (KT)	1 CLOUDINESS (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	2 SNOW FALL (IN) ≥ 0.1	2 SNOW FALL (IN) ≥ 1.5	1 THUNDERSTORMS	2 FOG	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 0
JAN	52	29	.12	22	2600	W	6	45	5	3	#	#	#	0	1	0	0	17	0
FEB	47	25	.11	21	2600	SW	7	52	5	2	#	#	0	#	#	0	#	6	0
MAR	41	20	.10	18	3200	SW	9	45	5	3	#	#	0	#	#	#	4	2	0
APR	34	15	.11	21	2700	SW	10	45	4	2	#	0	0	1	#	2	14	#	0
MAY	31	12	.13	24	3150	SW	10	47	3	1	#	0	0	1	#	16	24	0	0
JUN	26	11	.14	25	2700	SW	10	45	2	1	#	0	0	1	0	25	29	0	0
JUL	29	14	.24	39	2500	SW	9	56	3	3	#	0	0	5	0	31	31	0	0
AUG	35	17	.25	40	3000	SW	8	48	3	3	#	0	0	5	#	30	31	0	0
SEP	32	16	.18	32	2550	SW	8	47	2	1	#	0	0	2	#	22	29	0	0
OCT	37	19	.15	27	3000	WSW	7	45	3	2	#	0	0	1	#	5	19	#	0
NOV	48	28	.12	23	3200	W	6	40	4	2	#	#	#	#	#	0	1	2	0
DEC	55	33	.11	21	2600	W	6	47	4	2	#	#	#	#	1	0	0	13	0
ANN	39	20	.14	29	2900	SW	8	56	3	25	#	#	#	16	2	131	182	40	0
YR	15	15	.12	12	12	15	29	13	27	27	29	29	29	27	29	15	29	15	15

REMARKS Source:
1. Local Climatological Data; POR: 1941-1970 (Normals)
2. Revised Uniform Summary of Surface Weather Observations; POR: 1949-1977
3. World-Wide Airfield Summary; POR: UNKNOWN
4. USAFETAC DATSAV; POR: 1966-1977, CAV FREQ: 1973 - 77

NOTE: # LESS THAN 0.5 DAY, 0.5 or 0.005 INCH, OR 0.5 PERCENT AS APPLICABLE

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
4	00-02	3	1	0	#	0	0	0	0	0	#	#	2	1	
	03-05	4	2	3	1	#	0	0	0	#	#	0	2	1	
CEILING LESS	06-08	4	1	2	1	#	0	0	0	0	0	0	2	1	
THAN 3000 FT	09-11	2	1	2	2	1	0	0	0	#	#	#	2	1	
AND/OR VISI	12-14	2	1	3	1	0	0	0	0	#	1	#	3	1	
BILITY LESS	15-17	2	2	1	0	0	1	#	#	#	#	0	2	1	
THAN 3 MI	18-20	3	2	1	0	0	1	#	0	#	0	#	2	1	
	21-23	2	2	1	1	0	0	#	#	0	#	0	2	1	
	ALL HRS	3	1	2	1	#	#	#	#	#	#	#	2	1	5
4	00-02	2	1	0	0	0	0	0	0	0	0	0	1	#	
	03-05	2	1	2	0	0	0	0	0	#	#	0	2	1	
CEILING LESS	06-08	2	1	2	#	0	0	0	0	0	0	0	2	1	
THAN 1500 FT	09-11	1	1	#	#	0	0	0	0	#	0	#	1	#	
AND/OR VISI-	12-14	1	1	#	0	0	0	0	0	#	0	#	2	#	
BILITY LESS	15-17	#	1	0	0	0	1	#	#	#	0	0	2	#	
THAN 3 MI	18-20	2	2	1	0	0	1	#	0	0	0	0	2	1	
	21-23	1	2	0	0	0	0	#	#	0	0	0	1	#	
	ALL HRS	1	1	1	#	0	#	#	#	#	#	#	2	#	5
4	00-02	1	1	0	0	0	0	0	0	0	0	0	#	#	
	03-05	1	1	1	0	0	0	0	0	#	#	0	2	#	
CEILING LESS	06-08	1	#	#	0	0	0	0	0	0	0	0	1	#	
THAN 1000 FT	09-11	1	0	0	0	0	0	0	0	#	0	#	1	#	
AND/OR VISI-	12-14	#	0	#	0	0	0	0	0	#	0	0	1	#	
BILITY LESS	15-17	0	1	0	0	0	0	#	#	0	0	0	1	#	
THAN 2 MI	18-20	1	1	#	0	0	0	#	0	0	0	0	1	#	
	21-23	1	2	0	0	0	0	#	#	0	0	0	1	#	
	ALL HRS	1	1	#	0	0	0	#	#	#	#	#	1	#	5
4	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	0	#	0	0	0	0	0	0	0	0	0	0	#	
CEILING LESS	06-08	#	0	0	0	0	0	0	0	0	0	0	0	#	
THAN 200 FT	09-11	0	0	0	0	0	0	0	0	#	0	0	0	#	
AND/OR VISI-	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
BILITY LESS	15-17	0	0	0	0	0	0	#	0	0	0	0	0	#	
THAN 1/2 MI	18-20	0	0	0	0	0	0	#	0	0	0	0	0	#	
	21-23	#	1	0	0	0	0	0	0	0	0	0	0	#	
	ALL HRS	#	#	0	0	0	0	#	0	#	0	0	0	#	5

A W S	STATION NAME: NELLIS AFB/LAS VEGAS NV	FIELD ELEV: 1869 FT
	LATITUDE/LONGITUDE: 36 14 N 115 02 W	STATION MSC: 723865
CLIMATIC BRIEF	HOURLY OBS POR: OCT 81 - SEP 91	CALL SIGN: KLSV
	SUMMARY OF DAY POR: MAR 42-SEP 44, JAN 49-SEP 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: NOV 86
MAY 92	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	80	86	90	100	112	117	119	115	116	101	86	77	119	44
MEAN MAX TEMP (F)	57	63	69	78	88	98	104	102	95	82	67	58	80	44
MEAN TEMP (F)	45	51	57	65	74	84	91	88	80	68	54	46	67	44
MEAN MIN TEMP (F)	33	38	44	52	61	69	76	75	66	53	41	33	54	44
EXTRM MIN TEMP (F)	10	16	21	31	41	48	59	54	45	25	17	11	10	44
D/W TEMP GE 100 (F)	0	0	0	#	2	14	26	21	9	#	0	0	72	44
D/W TEMP GE 90 (F)	0	0	#	3	14	26	31	30	23	7	0	0	134	44
D/W TEMP LT 40 (F)	25	16	8	1	0	0	0	0	0	1	13	26	90	44
D/W TEMP LT 33 (F)	15	6	1	#	0	0	0	0	0	#	4	15	41	44
HEATING DEGREE DAYS	586	387	256	77	13	#	0	0	#	43	302	575	2239	49
COOLING DEGREE DAYS	0	#	9	97	323	586	800	735	477	149	3	0	3179	49
MEAN DEWPOINT TEMP (F)	23	25	27	28	31	34	44	47	39	31	25	23	31	10
MEAN WET BULB TEMP (F)	36	40	44	49	54	59	64	65	58	50	42	36	50	10
99.95% WCPA (FT)	2300	2300	2400	2350	2350	2300	2200	2200	2250	2250	2350	2250	2300	10
MEAN REL HUM 07 LST(%)	54.2	50.0	44.2	33.4	26.5	22.0	28.6	36.4	34.0	37.6	43.2	54.4	38.7	10
MEAN REL HUM 13 LST(%)	30.9	28.0	23.8	19.3	16.0	13.5	18.5	22.0	19.5	20.8	25.5	32.0	22.5	10
MAX 24HR PRECIP (IN)	.87	.81	.97	1.25	.65	1.02	2.50	1.77	1.16	1.00	1.17	1.15	2.50	44
MAX PRECIP (IN)	1.55	1.94	1.83	3.36	.94	1.37	4.73	2.44	1.40	1.26	2.41	1.73	9.97	44
MEAN PRECIP (IN)	.45	.38	.43	.25	.15	.08	.46	.45	.28	.25	.42	.35	4.04	44
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59	44
D/W PRECIP GE .01 (IN)	3	2	3	2	1	1	2	2	2	2	2	2	24	44
D/W PRECIP GT .50 (IN)	1	1	1	1	#	#	1	1	1	#	1	#	8	44
MAX 24HR SNFL (IN)	4.7	2.2	#	#	0	0	0	0	0	#	#	1.2	4.7	42
MAX SNFL (IN)	8.4	2.2	#	#	0	0	0	0	0	#	#	1.2	8.4	42
MEAN SNFL (IN)	.4	.1	#	#	0	0	0	0	0	#	#	#	.5	42
D/W SNFL GE .1 (IN)	1	#	0	0	0	0	0	0	0	0	0	#	1	42
D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	42
MAX DLY SNO DEPTH (IN)	4	1	#	0	0	0	0	0	0	0	0	1	4	42
PRVLNG WND DIR (DEG)	$02-04	$02-04	$02-04	$17-19	$17-19	$17-19	$17-19	$17-19	$17-19	$02-04	$02-04	$02-04	$17-19	10
MEAN WND SPD (KTS)	3	5	6	6	6	6	5	4	4	4	4	3	5	10
MAX WND SPD (KTS)	54	57	55	53	58	59	61	63	58	47	48	49	63	36
SKY COVER GT 5/10 (%)	36.8	43.4	40.7	38.4	30.8	20.7	24.4	24.6	23.9	25.9	35.7	38.8	31.9	10
D/W THUNDERSTORMS	#	1	1	1	1	1	4	4	2	1	1	#	17	44
D/W FOG (VSBY LT 7 MI)	1	1	1	1	#	0	#	#	#	#	1	1	6	44

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
&& = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	.9	.7	.0	.0	.0	.0	.1	.0	.0	.0	.8	1.5	.3	10
	03 - 05	1.1	.4	.6	.2	.0	.0	.0	.0	.0	.0	1.2	1.1	.4	10
CIG	06 - 08	1.2	.4	.9	.6	.1	.0	.0	.0	.0	.0	.8	1.8	.5	10
LT 3000 FT	09 - 11	1.2	.9	.9	.2	.0	.0	.0	.2	.0	.0	.3	1.1	.4	10
AND/OR	12 - 14	1.2	1.4	.6	.0	.0	.1	.1	.2	.0	.2	.4	1.5	.5	10
VSBY	15 - 17	1.6	1.7	.9	.0	.1	.0	.2	.0	.0	.4	.8	1.3	.6	10
LT 3 MI	18 - 20	.6	.7	.4	.1	.0	.0	.2	.0	.1	.5	.2	1.0	.3	10
	21 - 23	.3	1.1	.1	.0	.0	.1	.0	.0	.0	.3	.2	1.3	.3	10
	ALL	1.0	.9	.6	.1	.0	.0	.1	.1	.0	.2	.6	1.3	.4	10
	00 - 02	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.9	.1	10
	03 - 05	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7	.9	.2	10
CIG	06 - 08	.3	.0	.3	.2	.0	.0	.0	.0	.0	.0	.7	1.6	.3	10
LT 1500 FT	09 - 11	.3	.4	.6	.0	.0	.0	.0	.1	.0	.0	.2	.4	.2	10
AND/OR	12 - 14	1.0	.6	.3	.0	.0	.1	.1	.1	.0	.2	.1	.8	.3	10
VSBY	15 - 17	.5	.1	.6	.0	.1	.0	.2	.0	.0	.2	.1	.1	.2	10
LT 3 MI	18 - 20	.3	.2	.1	.1	.0	.0	.2	.0	.1	.0	.0	.1	.1	10
	21 - 23	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.4	.1	10
	ALL	.4	.2	.3	.1	.0	.0	.1	.0	.0	.1	.3	.6	.2	10
	00 - 02	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.3	.1	10
	03 - 05	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6	.3	.1	10
CIG	06 - 08	.3	.0	.1	.2	.0	.0	.0	.0	.0	.0	.6	1.2	.2	10
LT 1000 FT	09 - 11	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.4	.1	10
AND/OR	12 - 14	.1	.2	.1	.0	.0	.1	.1	.1	.0	.2	.0	.1	.1	10
VSBY	15 - 17	.0	.0	.5	.0	.1	.0	.2	.0	.0	.0	.0	.0	.1	10
LT 2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.0	10
	ALL	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.2	.3	.1	10
	00 - 02	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	10
	03 - 05	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	10
CIG	06 - 08	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	10
LT 200 FT	09 - 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
AND/OR	12 - 14	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	10
VSBY	15 - 17	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

PREPARED BY USAFETAC
OCTOBER 1979

STATION NAME Reno Intl ARP, Nevada
LOCATION N39 30 W119 47

PERIOD Varied
ELEV 4404 FT

STN LTRS RNO
WBAN NO 23185
WMO NO 724880

AWS CLIMATIC BRIEF

MONTH	1 TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	1 PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	1 SNOW FALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	1 RELATIVE HUMIDITY (%) LST 04	LST 16	3 VAPOR PRESSURE (IN Hg)	3 DEW PT (°F)	3 PRESSURE ALTITUDE (FT) 99.95%	1 SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT)	1 CLOUD COVER MEAN (Tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	2 SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	1 THUNDER STORMS	2 FOG	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 0
JAN	45	18	32	70	-16	1.2	4.1	#	2.4	7	29	12	74	49	.11	21	5000	S	5	70	6	6	1	4	1	0	5	0	0	27	2
FEB	51	23	37	74	-12	0.9	3.9	#	1.6	6	32	14	71	39	.12	23	5050	S	5	57	6	6	1	3	1	#	2	0	0	25	#
MAR	56	25	40	83	-2	0.7	2.0	#	1.2	5	29	17	67	32	.12	22	5000	WNW	7	70	6	6	#	4	1	#	1	0	#	26	#
APR	64	30	47	88	13	0.5	2.0	#	1.6	2	13	7	65	28	.14	25	4900	WNW	7	42	6	4	#	2	#	#	#	0	1	22	0
MAY	72	37	55	95	18	0.7	2.9	#	1.3	1	14	9	66	24	.17	31	4850	WNW	7	42	5	5	#	1	#	2	#	1	8	7	0
JUN	80	43	62	101	25	0.4	1.4	0.0	0.8	#	#	#	68	24	.20	35	4800	WNW	6	40	4	3	#	#	0	2	#	7	19	1	0
JUL	91	47	69	104	33	0.3	1.1	0.0	0.8	0	0	0	57	19	.21	35	4750	WNW	6	38	2	3	#	0	0	4	#	22	30	0	0
AUG	89	45	67	103	24	0.2	1.7	0.0	1.0	0	0	0	70	21	.18	32	4700	WNW	5	37	2	2	#	0	0	3	#	18	28	#	0
SEP	82	39	60	101	20	0.2	1.2	0.0	0.9	#	#	#	71	21	.17	31	4750	WNW	4	37	2	2	#	0	0	1	#	4	20	6	0
OCT	70	31	50	91	8	0.4	2.1	#	1.6	#	5	4	72	27	.16	29	4800	WNW	4	43	4	3	#	#	#	1	#	#	5	21	0
NOV	56	24	40	77	1	0.7	2.0	0.0	1.2	2	14	7	74	41	.12	23	4850	S	4	45	6	5	#	1	#	0	2	0	0	24	0
DEC	46	28	33	70	-16	1.1	5.3	#	2.2	5	26	15	75	52	.11	21	4900	SW	4	59	6	6	1	3	1	0	5	0	0	29	1
ANN	67	32	49	104	-16	7.3	5.3	0.0	2.4	28	32	17	70	31	.15	27	4850	WNW	5	70	5	49	3	18	4	13	15	52	111	189	3
EYR	30	30	30	35	35	30	48	48	35	40	53	35	13	13	11	11	40		15	34	18	35	34	29	29	29	34	29	13	29	13	13

REMARKS Source:
1. Local Climatological Data; POR: 1941 - 1970 (Normals)
2. Revised Uniform Summary of Surface Weather Observations; POR: 1949 - 1977
3. Climatic Data Summary; POR: Unknown
4. Stead AFB RUSSWO; POR: Jan 43 - Nov 45, Aug 52 - Mar 56

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	11	10	7	4	4	1	0	#	#	1	4	9	4	
	03-05	12	9	6	4	4	1	#	#	#	2	4	10	4	
	06-08	14	9	7	5	4	2	0	#	1	2	6	11	5	
	09-11	14	9	5	4	3	1	0	#	1	2	6	11	5	
	12-14	10	8	5	4	3	1	#	#	#	1	4	9	4	
	15-17	11	9	6	4	3	#	0	#	#	1	4	9	4	
	18-20	12	10	7	5	3	1	#	1	#	1	4	8	4	
	21-23	13	8	7	3	2	#	#	1	#	1	3	8	4	
	ALL HRS	12	9	6	4	3	1	#	#	#	1	5	9	4	17
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	8	5	3	1	1	#	0	#	#	#	2	6	2	
	03-05	8	4	4	2	2	#	0	#	0	1	2	6	2	
	06-08	9	5	4	1	1	#	0	#	0	1	3	7	3	
	09-11	8	4	2	1	1	1	0	0	#	#	2	6	2	
	12-14	6	4	2	1	1	#	0	#	#	#	2	4	2	
	15-17	5	4	3	2	1	0	0	#	#	#	2	4	2	
	18-20	8	6	4	2	1	#	0	1	#	#	2	4	2	
	21-23	8	5	3	1	#	#	0	#	#	#	2	4	2	
	ALL HRS	8	5	3	1	#	#	0	#	#	#	2	5	2	17
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	7	3	2	1	1	#	0	#	#	#	2	4	2	
	03-05	7	2	2	1	1	0	0	#	0	1	1	5	2	
	06-08	7	3	3	1	1	#	0	0	0	1	2	6	2	
	09-11	6	3	2	1	#	#	0	0	#	#	1	4	1	
	12-14	5	3	1	#	1	0	0	#	#	#	1	3	1	
	15-17	4	3	2	1	1	0	0	0	0	0	1	3	1	
	18-20	6	4	3	2	#	0	0	#	#	#	1	3	2	
	21-23	7	4	2	1	#	0	0	#	0	0	1	4	2	
	ALL HRS	6	3	2	1	1	#	0	#	#	#	1	4	2	17
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	1	#	#	#	0	0	0	0	#	1	2	1	
	03-05	3	1	#	#	#	0	0	0	0	#	#	2	1	
	06-08	3	1	#	#	0	0	0	0	0	#	1	3	1	
	09-11	2	1	1	#	#	0	0	0	0	0	#	2	1	
	12-14	1	1	#	#	#	0	0	0	0	#	#	1	#	
	15-17	#	1	#	#	#	0	0	0	0	0	1	1	#	
	18-20	2	1	1	#	#	0	0	0	0	0	#	2	1	
	21-23	3	1	#	#	0	0	0	#	0	0	#	2	1	
	ALL HRS	2	1	#	#	#	0	0	#	0	#	#	2	1	17

PREPARED BY: USAFETAC
DECEMBER 1983

STATION NAME : TONOPAH NV
LOCATION : N38 04 W117 05

PERIOD: JUN 54-MAY 83
ELEV : 5025 FT

STN LTR: TPH
NRC NO: 724855

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) **	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER STORMS	FOG VSby ≤ 7MI	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 20	MIN ≤ 15
JAN	44	16	31	67	-15	.3	1.0	0	.5	3	12	5	73	51	.11	20	5900	N	7	40	5	4	0	2	1	0	4	0	0	16	9
FEB	49	23	36	70	-2	.5	2.7	0	1.5	3	14	10	72	46	.12	22	5950	N	7	33	5	3	0	1	1	0	3	0	0	8	4
MAR	55	27	41	76	4	.4	2.4	.0	.6	2	11	6	71	42	.12	23	6000	NNW	9	33	5	4	0	1	0	0	3	0	0	4	1
APR	62	32	48	88	9	.3	1.7	0	1.0	1	7	7	59	29	.12	22	5850	N	9	33	5	3	0	1	0	1	2	0	0	0	0
MAY	72	41	57	94	19	.6	2.0	0	.8	0	4	4	56	26	.15	28	5800	N	9	33	4	4	0	0	0	2	1	0	0	0	0
JUN	84	51	67	1028	27	.3	1.7	.0	.9	0	0	00	37	16	.14	26	5650	N	9	40	3	2	0	0	0	2	0	2	9	0	0
JUL	91	56	74	104	41	.6	1.7	.0	1.1	0	0	0	39	18	.19	33	5550	S	8	27	3	3	0	0	0	4	0	9	21	0	0
AUG	89	54	72	103	37	.5	2.2	.0	1.6	0	0	0	42	18	.19	33	5550	SSW	7	33	3	3	0	0	0	4	0	5	15	0	0
SEP	80	47	64	96	27	.5	2.1	.0	1.0	0	0	0	49	24	.19	33	5600	NNW	7	33	3	2	0	0	0	2	1	0	2	0	0
OCT	68	37	53	90	13	.4	2.2	.0	.7	0	2	1	54	26	.14	25	5700	NNW	7	33	3	2	0	0	0	1	0	0	0	0	0
NOV	54	26	40	76	5	.5	2.7	.0	1.2	1	10	4	60	34	.11	20	5850	NNW	7	33	4	3	0	1	0	0	2	0	0	5	1
DEC	46	20	33	70	-13	.2	1.0	.0	.7	1	7	5	66	43	.10	18	5800	NNW	7	33	4	2	0	1	0	0	2	0	0	14	7
ANN	66	36	51	134	-15	5.1	2.7	.0	1.6	11	14	10	57	31	.14	25	5800	NNW	8	40	4	35	0	7	2	16	18	16	47	47	22
#YR	28	28	28	28	28	28	28	28	28	28	28	28	9	9	9	9	10	9	9	10	9	28	28	28	28	28	28	28	28	28	28

REMARKS:

RUSSMO FOR:
HOURLY OBS: JUN 74 - MAY 83
DAILY OBS: JUN 54 - DEC 81
(NO DAILY OBS AFTER 1981 AND NO OBS OF PEAK GUSTS)

** MAX HRLY WIND SPEED CLASS INTERVAL FROM RUSSMO.

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM SMTR % PVLG. DRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	#YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	13	13	11	4	3	0	1	1	1	2	3	3	5	0
	03-05	14	13	11	4	2	0	0	1	1	3	5	5	5	9
	06-08	16	16	15	8	4	0	0	1	2	4	5	6	6	9
	09-11	16	13	15	8	4	0	1	1	2	4	4	5	6	9
	12-14	14	11	14	6	4	0	0	0	2	3	3	6	5	9
	15-17	12	10	12	6	3	0	0	1	1	3	4	5	5	9
	18-20	11	9	8	5	2	0	0	1	1	4	4	4	4	9
	21-23	12	11	7	4	2	0	1	1	1	3	4	4	4	9
	ALL HRS	14	12	12	6	3	0	0	1	1	3	4	5	5	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	9	9	7	2	1	0	0	0	1	1	2	3	3	0
	03-05	10	10	8	3	2	0	0	1	1	2	3	4	4	9
	06-08	13	11	11	5	3	0	0	0	2	2	3	4	5	9
	09-11	11	8	8	3	1	0	1	0	1	2	3	3	3	9
	12-14	9	5	7	2	2	0	0	0	1	2	1	2	3	9
	15-17	8	5	6	2	1	0	0	0	0	2	2	3	2	9
	18-20	9	6	5	3	1	0	0	0	0	2	2	3	3	9
	21-23	8	8	4	2	1	0	0	0	0	1	3	2	2	9
	ALL HRS	10	8	7	3	2	0	0	0	1	2	2	3	3	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	6	6	7	2	0	0	0	0	0	1	2	3	3	0
	03-05	7	8	6	2	0	0	0	0	0	1	2	3	3	9
	06-08	9	7	8	2	1	0	0	0	1	1	2	3	3	9
	09-11	7	4	5	1	1	0	0	0	0	1	1	2	2	9
	12-14	5	4	3	1	1	0	0	0	0	1	0	1	1	9
	15-17	5	4	3	1	0	0	0	0	0	1	1	2	1	9
	18-20	5	4	4	1	1	0	0	0	0	1	1	2	2	9
	21-23	6	6	3	1	1	0	0	0	0	1	1	2	2	9
	ALL HRS	6	6	5	1	1	0	0	0	0	1	1	2	2	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	03-05	1	0	2	0	0	0	0	0	0	0	0	0	0	9
	06-08	1	0	1	0	0	0	0	0	0	0	0	0	0	9
	09-11	1	0	0	0	0	0	0	0	0	0	0	0	0	9
	12-14	0	0	1	0	0	0	0	0	0	0	0	0	0	9
	15-17	0	1	0	0	0	0	0	0	0	0	0	0	0	9
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	9
	21-23	0	1	0	0	0	0	0	0	0	0	1	1	0	9
	ALL HRS	1	0	1	0	0	0	0	0	0	0	0	0	0	

PREVIOUS EDITION IS OBSOLETE. AWS FORM 53

A W S	STATION NAME: TONOPAH TEST RANGE NV	FIELD ELEV: 5548 FT
	LATITUDE/LONGITUDE: 37 48 N 116 47 W	STATION MSC: 724844
CLIMATIC BRIEF	HOURLY OBS POR: JAN 83 - MAR 90	CALL SIGN: KTNX
	SUMMARY OF DAY POR: JAN 83-MAR 90	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: NONE
OCT 90	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	65	76	76	84	93	102	105	98	92	85	74	61	105	9
MEAN MAX TEMP (F)	41	48	56	64	73	84	89	86	76	66	51	43	64	9
MEAN TEMP (F)	31	37	44	52	60	70	75	73	63	53	40	32	52	9
MEAN MIN TEMP (F)	20	26	32	38	46	56	61	59	50	40	28	22	39	9
EXTRM MIN TEMP (F)	-7	-7	16	19	29	38	43	47	26	18	0	-8	-8	9
D/W TEMP GE 100 (F)	0	0	0	0	0	1	2	0	0	0	0	0	3	9
D/W TEMP GE 90 (F)	0	0	0	0	1	7	16	9	1	0	0	0	34	9
D/W TEMP LT 33 (F)	29	21	16	7	1	0	0	0	1	4	21	28	128	9
D/W TEMP LT 20 (F)	13	5	1	#	0	0	0	0	0	#	3	9	31	9
HEATING DEGREE DAYS	1060	780	648	376	196	21	2	1	125	319	728	1019	5275	7
COOLING DEGREE DAYS	0	0	0	3	38	171	340	254	59	6	0	0	871	7
MEAN DEWPOINT TEMP (F)	15	18	20	21	25	29	33	36	28	24	19	16	23	7
MEAN WET BULB TEMP (F)	25	30	35	39	45	51	55	54	47	41	32	26	40	7
99.95% WCPA (FT)	5965	6042	6076	5998	5877	5756	5701	5646	5810	5788	5965	5954	5932	7
MEAN REL HUM 07 LST(%)	62.0	58.8	52.5	40.7	35.6	29.6	30.2	37.1	36.6	45.9	53.3	62.4	45.8	7
MEAN REL HUM 13 LST(%)	45.4	37.0	29.3	21.9	19.4	15.8	17.8	21.9	20.1	24.5	34.9	42.2	27.8	7
MAX 24HR PRECIP (IN)	.45	.47	.90	.51	.79	.57	1.95	.83	.88	1.15	1.08	.40	1.95	9
MAX PRECIP (IN)	.76	.67	2.46	1.37	1.69	.93	3.34	3.24	1.75	1.48	1.19	1.43	7.94	9
MEAN PRECIP (IN)	.43	.25	.72	.38	.45	.21	.71	.85	.36	.51	.54	.39	5.65	9
MIN PRECIP (IN)	.03	.11	.02	#	#	#	.01	.00	#	.02	#	.00	3.17	9
D/W PRECIP GE .01 (IN)	3	3	4	4	3	3	3	5	2	3	3	4	40	9
D/W PRECIP GT .50 (IN)	0	0	1	1	1	1	1	1	1	#	#	0	7	9
MAX 24HR SNFL (IN)	4.5	7.1	9.0	1.3	1.0	0	0	0	#	1.0	10.8	4.0	10.8	9
MAX SNFL (IN)	8.7	9.3	9.0	1.3	1.0	0	0	0	#	1.0	11.8	10.2	20.2	9
MEAN SNFL (IN)	3.4	1.9	2.6	.4	.2	0	0	0	#	.1	3.2	2.7	14.6	9
D/W SNFL GE .1 (IN)	2	2	1	1	1	0	0	0	0	#	1	3	11	9
D/W SNFL GE 1.5 (IN)	1	#	1	0	0	0	0	0	0	0	1	1	4	9
MAX DLY SNO DEPTH (IN)	6	7	3	#	1	0	0	0	0	1	8	8	8	9
PRVLNG WND DIR (DEG)	$29-31	$29-31	29-31	29-31	29-31	17-19	17-19	17-19	$17-19	$29-31	$29-31	$29-31	$29-31	7
MEAN WND SPD (KTS)	5	7	8	8	8	7	7	5	5	5	6	5	6	7
MAX WND SPD (KTS)	42	50	54	49	49	49	46	45	47	44	55	52	55	9
SKY COVER GT 5/10 (%)	39.3	43.7	44.7	44.0	33.8	24.3	23.7	20.7	16.1	24.5	34.3	38.5	32.7	7
D/W THUNDERSTORMS	#	1	1	2	3	4	5	7	2	1	1	1	28	9
D/W FOG (VSBY LT 7 MI)	4	1	2	1	1	0	1	1	1	1	2	4	19	9

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	5.1	6.1	5.2	2.2	.3	.0	.0	.0	.0	.0	3.1	6.0	2.3	7
	03 - 05	6.5	6.2	6.6	2.7	1.1	.0	.0	.2	.0	.0	5.1	6.6	2.9	7
CIG	06 - 08	9.7	6.6	6.9	4.6	1.1	.0	.0	.5	.0	1.5	6.4	7.8	3.8	7
LT 3000 FT	09 - 11	8.6	6.8	6.8	2.2	.9	.0	.0	.8	.0	1.2	4.8	8.0	3.3	7
AND/OR	12 - 14	7.0	4.2	6.2	1.4	1.0	.0	.0	.2	.0	.6	4.4	5.4	2.5	7
VSBY	15 - 17	5.5	4.0	5.9	2.4	1.0	.0	.0	.0	.3	.8	3.2	6.3	2.4	7
LT 3 MI	18 - 20	5.0	4.8	4.5	.8	.8	.0	.0	.3	.0	.3	1.9	5.6	2.0	7
	21 - 23	2.7	6.6	3.6	.7	.5	.0	.0	.0	.0	.0	1.7	6.2	1.8	7
	ALL	6.3	5.7	5.7	2.2	.8	.0	.0	.2	.0	.6	3.8	6.5	2.8	7
	00 - 02	4.2	3.9	2.1	1.0	.3	.0	.0	.0	.0	.0	2.2	4.5	1.5	7
	03 - 05	4.8	3.4	3.5	1.2	.5	.0	.0	.2	.0	.0	4.0	5.2	1.9	7
CIG	06 - 08	7.3	3.8	3.9	1.0	.3	.0	.0	.5	.0	.3	4.5	5.4	2.2	7
LT 1500 FT	09 - 11	6.4	3.7	3.1	.2	.3	.0	.0	.0	.0	.5	2.5	4.6	1.8	7
AND/OR	12 - 14	3.6	1.5	2.9	.2	.3	.0	.0	.0	.0	.5	1.7	3.3	1.2	7
VSBY	- 17	3.5	1.5	2.4	1.8	.0	.0	.0	.0	.2	.3	1.0	3.4	1.2	7
LT 3 MI	- 20	2.7	2.5	2.0	.0	.3	.0	.0	.0	.0	.0	1.0	2.8	.9	7
	21 - 23	2.0	5.8	2.1	.3	.5	.0	.0	.0	.0	.0	.9	3.8	1.3	7
	ALL	4.3	3.3	2.8	.7	.3	.0	.0	.1	.0	.2	2.2	4.1	1.6	7
	00 - 02	3.5	2.3	.4	.3	.3	.0	.0	.0	.0	.0	1.0	3.2	.9	7
	03 - 05	2.4	2.3	2.0	.5	.5	.0	.0	.2	.0	.0	2.0	3.1	1.1	7
CIG	06 - 08	5.9	2.8	3.2	.6	.3	.0	.0	.2	.0	.2	2.6	4.0	1.6	7
LT 1000 FT	09 - 11	4.1	2.8	2.3	.0	.2	.0	.0	.0	.0	.2	1.0	2.8	1.1	7
AND/OR	12 - 14	2.2	.3	1.9	.2	.0	.0	.0	.0	.0	.0	1.0	2.4	.7	7
VSBY	15 - 17	2.4	.8	1.5	1.8	.0	.0	.0	.0	.0	.2	1.0	3.1	.9	7
LT 2 MI	18 - 20	1.7	1.2	1.4	.0	.2	.0	.0	.0	.0	.0	.7	1.8	.6	7
	21 - 23	1.6	2.8	.6	.0	.5	.0	.0	.0	.0	.0	.5	2.2	.7	7
	ALL	3.0	1.9	1.7	.4	.2	.0	.0	.0	.0	.1	1.2	2.8	1.0	7
	00 - 02	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	- .5	1.0	.2	7
	03 - 05	1.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.7	.8	.3	7
CIG	06 - 08	1.1	1.0	.4	.2	.2	.0	.0	.2	.0	.0	1.0	.9	.4	7
LT 200 FT	09 - 11	.9	.3	.4	.0	.0	.0	.0	.0	.0	.0	.5	.9	.2	7
AND/OR	12 - 14	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.1	7
VSBY	15 - 17	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	.5	.2	.1	7
LT 1/2 MI	18 - 20	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	7
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.1	7
	ALL	.5	.2	.2	.0	.1	.0	.0	.0	.0	.0	.6	.5	.2	7

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

PREPARED BY USAFETAC
FEBRUARY 1960

STATION NAME YUCCA FLAT AIRSTRIP NV
LOCATION N36 57 W116 03

PERIOD MAR 62-FEB 78 8
ELEV 3921

STN LTRS UCC
WBAN NO 03133
WMO NO 72385

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99	95%	SURFACE WINDS PVLG DIRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (ET) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (in) ≥ 0.01	≥ 0.5	SNOWFALL (in) ≥ 0.1	≥ 1.0	THUNDERSTORMS	FOG VISBY ≤ 3 MI	TEMPERATURE (°F) MAX ≥ 90	≥ 80	MIN ≤ 32	≤ 0
JAN	51	21	36	73	-17	1.0	4.0	.0	1.3	3	29	10	76	44	.12	22	4350		Nw	5	50	4	4	0	1	1	0		0	0	29	1
FEB	57	26	42	77	5	1.1	3.9	.0	1.5	1	17	6	72	34	.12	22	4400		S	6	52	5	3	1	1	0	0		0	0	24	0
MAR	61	28	45	87	9	.5	2.7	.0	.8	2	13	6	63	27	.11	20	4450		S	7	48	4	4	0	1	0	0		0	1	23	0
APR	68	34	51	89	13	.4	2.6	0	1.1	0	3	3	52	19	.11	20	4400		S	8	55	4	3	0	0	0	0	1	0	4	13	0
MAY	79	43	62	98	25	.3	1.6	0	.9	0	0	0	50	18	.15	27	4350		S	7	58	4	2	0	0	0	1	0	4	18	2	0
JUN	89	53	70	107	29	.3	2.7	.0	1.0	0	0	0	40	14	.15	27	4250		S	7	50	3	2	0	0	0	2	0	16	26	0	0
JUL	97	57	77	108	40d	.5	1.9	.0	1.1	0	0	0d	40	15	.21	36	4100		S	6	47	2	3	0	0	0	0	0	29	31	0	0
AUG	94	57	76	104	38	.5	2.5	.0	2.2	0	0	0	45	17	.21	36	4100		S	6	54	2	3	0	0	0	3	0	25	30	0	0
SEP	86	47	67	105	25	.5	2.7	.0	2.1	0	0	0	45	17	.17	30	4200		S	6	52	2	2	1	0	0	2	0	11	25	1	0
OCT	75	37	56	96	12	.4	1.7	.0	1.7	0	0	0	57	23	.14	26	4250		S	6	50	3	2	0	0	0	1	0	1	11	0	0
NOV	62	27	45	83	58	.7	3.0	.0	1.1	1	7	7	62	27	.11	21	4350		Nw	5	52	4	3	0	0	0	0	0	0	0	24	0
DEC	52	21	36	71	-14d	.8	2.7	0	1.3	2	10	7	69	36	.10	18	4300		Nw	5	46	4	2	0	1	0	0	1	0	0	29	0
ANN	73	37	55	108	-14d	7.0	4.7	.0	2.2	9	29	10	56	24	.14	26	4350		S	6	58	3	33	2	4	1	13	4	66	146	154	1
YRS	16	16	16	16	16	16	16	16	16	16	16	16	10	10	10	10	10		10	10	13	7	16	16	16	16	16	16	16	16	16	16

REMARKS RUSSMO POR:
HOURLY OBS: MAR 68-FEB 78
DAILY OBS: MAR 62-FEB 78

NOTE * DATA NOT AVAILABLE = ABTE < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 3 % CALM GRTR % PLUG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	6	6	3	2	1	0	1	1	0	1	2	4	2	
	03-05	8	7	3	2	1	0	1	1	0	1	2	3	2	
	06-08	9	6	3	2	1	0	0	1	0	1	2	4	2	
	09-11	8	8	5	2	1	0	0	1	1	1	2	4	3	
	12-14	8	8	4	1	1	0	0	1	1	1	2	5	3	
	15-17	7	6	3	1	1	0	0	1	1	1	2	4	2	
	18-20	6	4	3	1	1	0	0	1	1	1	2	5	2	
	21-23	7	5	2	1	1	0	1	1	1	1	2	5	2	
	ALL HRS	8	6	3	1	1	0	0	1	1	1	2	4	2	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	4	3	1	0	0	0	0	0	0	0	0	2	1	
	03-05	4	2	1	1	0	0	0	0	0	0	1	2	1	
	06-08	4	4	2	1	0	0	0	0	0	0	1	2	1	
	09-11	5	5	2	1	0	0	0	1	0	0	0	3	1	
	12-14	4	5	2	0	0	0	0	0	0	0	0	3	1	
	15-17	3	3	2	0	0	0	0	0	0	0	0	2	1	
	18-20	3	3	1	0	0	0	0	0	0	0	1	3	1	
	21-23	4	3	1	0	0	0	0	0	0	0	1	3	1	
	ALL HRS	4	3	2	0	0	0	0	0	0	0	0	3	1	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	2	1	0	0	0	0	0	0	0	0	0	1	0	
	03-05	2	1	1	1	0	0	0	0	0	0	1	1	1	
	06-08	3	3	1	1	0	0	0	0	0	0	1	2	1	
	09-11	2	3	1	1	0	0	0	1	0	0	0	2	1	
	12-14	2	3	1	0	0	0	0	0	0	0	0	2	1	
	15-17	2	2	1	0	0	0	0	0	0	0	0	2	1	
	18-20	1	2	1	0	0	0	0	0	0	0	0	2	1	
	21-23	2	1	0	0	0	0	0	0	0	0	0	1	0	
	ALL HRS	2	2	1	0	0	0	0	0	0	0	0	2	1	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	0	0	0	0	0	0	0	0	0	0	1	0	
	03-05	0	0	0	1	0	0	0	0	0	0	0	0	0	
	06-08	0	0	0	1	0	0	0	0	0	0	0	0	0	
	09-11	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	1	0	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	0	0	0	0	0	0	0	0	0	0	0	0	0	10

A W S	STATION NAME: PEASE AFB NH	FIELD ELEV: 101 FT
	LATITUDE/LONGITUDE: 43 05 N 070 49 W	STATION MSC: 726055
CLIMATIC BRIEF	HOURLY OBS POR: JUL 79 - JUN 89	CALL SIGN: KPSM
	SUMMARY OF DAY POR: APR 56 - JUN 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: AUG 85
SEP 89	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	61	66	79	91	99	95	101	100	94	87	76	68	101	33
MEAN MAX TEMP (F)	31.6	33.8	42.2	53.6	65.0	74.3	79.8	77.8	70.3	59.7	48.5	36.1	56.2	33
MEAN TEMP (F)	24.1	26.2	35.0	45.4	56.1	65.3	70.9	69.1	61.5	51.1	41.4	29.2	48.1	33
MEAN MIN TEMP (F)	16.1	18.0	27.3	36.7	46.7	55.7	61.6	60.0	52.2	42.0	33.8	21.8	39.5	33
EXTRM MIN TEMP (F)	-16	-9	0	17	29	38	47	40	32	23	11	-9	-16	33
D/W TEMP GE 90 (F)	0	0	0	#	1	1	2	2	1	0	0	0	7	33
D/W TEMP GE 80 (F)	0	0	0	1	3	9	16	13	4	1	0	0	47	33
D/W TEMP LT 33 (F)	29	26	23	8	#	0	0	0	#	3	14	27	130	33
D/W TEMP LT 0 (F)	2	1	0	0	0	0	0	0	0	0	0	1	4	33
HEATING DEGREE DAYS	1254	1084	918	579	288	76	9	23	147	425	698	1095	6596	33
COOLING DEGREE DAYS				1	19	90	199	159	50	2	#		520	33
MEAN DEWPOINT TEMP (F)	11.4	15.4	21.6	33.3	44.9	53.2	60.7	59.4	51.7	39.8	31.3	19.4	36.9	10
MEAN WET BULB TEMP (F)	21.1	24.9	30.8	40.6	50.6	58.0	64.7	63.0	56.0	45.3	37.7	27.4	43.4	10
99.95% WCPA (FT)	1050	900	1000	900	650	650	550	500	600	800	950	950	850	10
MEAN REL HUM 07 LST(%)	61.6	64.0	64.4	69.5	74.5	76.5	79.7	82.2	80.8	77.2	72.6	68.0	72.6	1
MEAN REL HUM 13 LST(%)	51.5	50.6	51.0	55.1	57.1	57.3	58.0	61.0	58.5	56.5	58.8	55.6	55.9	10
MAX 24HR PRECIP (IN)	2.86	4.11	2.51	4.60	3.83	3.22	2.61	4.10	4.03	6.73	4.10	3.05	6.73	33
MAX PRECIP (IN)	12.26	9.43	10.19	11.11	9.31	8.80	7.81	7.21	8.10	12.10	13.71	10.05	66.96	33
MEAN PRECIP (IN)	3.70	3.38	3.56	3.82	3.62	3.25	3.34	2.70	3.44	3.66	5.01	4.19	43.79	33
MIN PRECIP (IN)	.44	.02	1.03	1.06	1.01	.84	.60	1.11	.18	.97	.84	.63	27.69	33
D/W PRECIP GE .01 (IN)	11	10	11	12	12	11	10	10	9	9	11	12	128	33
D/W PRECIP GT .50 (IN)	2	2	2	2	2	2	2	2	2	2	3	3	26	33
MAX 24HR SNFL (IN)	17.5	20.4	13.3	18.3	#	0	0	0	0	2.0	9.9	16.8	20.4	33
MAX SNFL (IN)	43.5	61.2	30.4	24.4	#	0	0	0	0	2.0	12.8	38.4	118.2	33
MEAN SNFL (IN)	17.6	15.9	11.5	2.5	#	0	0	0	0	.1	3.1	15.3	66.5	33
D/W SNFL GE .1 (IN)	7	6	6	1	0	0	0	0	0	1	2	7	30	33
D/W SNFL GE 1.5 (IN)	3	3	2	1	0	0	0	0	0	#	1	3	13	33
MAX DLY SNO DEPTH (IN)	30	39	38	21	0	0	0	0	0	2	8	26	39	33
MEAN SFC WND DIR (DEG)	300	300	300	$300	$150	270	$270	$270	$270	$270	300	300	$300	10
MEAN WND SPD (KTS)	6.1	6.1	6.6	6.4	5.2	5.0	4.2	4.3	4.4	4.9	6.0	6.1	5.4	10
MAX WND SPD (KTS)	56	57	52	49	49	40	53	50	65	51	55	54	65	34
SKY COVER GT 1/2 (%)	53.0	56.2	58.0	65.9	67.0	62.0	60.0	56.6	51.0	52.8	57.0	58.4	58.4	10
D/W THUNDERSTORMS	1	#	1	1	2	4	6	4	2	1	1	#	23	33
D/W FOG (VSBY LT 7 MI)	11	10	12	13	14	15	16	16	15	14	14	12	162	33

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
00 - 02	15.4	21.4	21.2	27.7	22.9	21.9	19.1	17.7	20.2	19.5	23.6	21.8	21.0	10
03 - 05	15.5	22.9	22.8	30.1	25.1	25.2	24.6	22.4	23.4	20.5	25.2	23.7	23.4	10
06 - 08	16.3	23.8	23.4	28.7	23.0	24.3	20.1	23.1	22.9	21.5	26.8	23.1	23.1	10
09 - 11	18.1	20.8	24.0	27.6	23.1	22.3	17.0	18.5	18.9	17.8	24.4	21.1	21.1	10
12 - 14	19.7	18.4	22.2	25.8	20.0	17.9	12.8	13.8	15.3	17.0	21.6	19.4	18.7	10
15 - 17	18.3	17.7	21.1	23.1	19.9	16.2	11.9	10.8	13.9	16.0	21.3	19.8	17.5	10
18 - 20	16.2	18.4	20.4	23.7	19.5	14.9	14.7	11.5	13.8	15.2	21.1	20.8	17.5	10
21 - 23	15.6	19.6	21.4	26.0	21.5	17.8	14.9	12.4	16.6	16.9	23.1	20.8	18.9	10
ALL	16.9	20.4	22.1	26.6	21.9	20.1	16.9	16.3	18.1	18.1	23.4	21.3	20.1	10
CIG LT 3000 FT AND/OR VSBY LT 3 MI														
00 - 02	12.8	15.4	16.7	22.4	21.2	19.2	17.0	15.2	16.9	16.0	16.8	16.5	17.2	10
03 - 05	12.7	17.3	18.0	25.6	22.9	22.8	23.1	19.5	19.2	17.6	19.2	16.8	19.6	10
06 - 08	11.8	17.1	18.6	26.2	20.9	21.4	18.8	20.0	18.4	19.5	21.0	15.8	19.1	10
09 - 11	13.4	14.6	18.0	21.9	19.5	19.6	15.1	14.4	15.3	14.3	20.3	14.7	16.8	10
12 - 14	13.9	13.5	14.0	17.4	16.0	13.8	9.0	10.2	11.0	12.8	15.3	13.4	13.4	10
15 - 17	14.0	13.4	13.8	14.9	16.1	13.1	9.1	8.9	10.3	11.5	14.0	13.0	12.7	10
18 - 20	13.1	13.3	14.7	18.3	17.2	13.1	11.8	9.1	10.7	11.5	13.4	15.8	13.5	10
21 - 23	11.8	14.5	15.4	20.3	18.8	15.6	12.3	10.8	13.6	13.4	14.7	16.1	14.8	10
ALL	12.9	14.9	16.1	20.9	19.1	17.3	14.5	13.5	14.4	14.6	16.8	15.3	15.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI														
00 - 02	10.5	13.2	13.7	19.7	19.8	16.4	15.6	11.5	14.7	13.8	12.8	13.5	14.6	10
03 - 05	9.8	13.4	14.7	21.3	20.5	18.2	19.9	13.7	16.0	15.7	15.7	12.9	16.0	10
06 - 08	9.9	13.4	15.4	23.0	19.4	16.9	16.8	15.6	15.9	17.5	16.1	12.4	16.0	10
09 - 11	9.5	13.0	13.2	17.1	16.5	14.9	11.5	10.2	10.9	11.5	15.7	11.3	12.9	10
12 - 14	9.6	11.3	10.0	11.9	13.4	10.4	7.0	7.5	8.2	10.9	11.7	9.8	10.1	10
15 - 17	9.7	10.7	11.5	11.0	13.2	9.4	7.1	6.8	8.2	9.0	11.0	9.5	9.8	10
18 - 20	9.2	11.2	11.7	14.8	15.6	10.4	10.3	7.2	9.2	9.9	10.6	11.7	11.0	10
21 - 23	10.3	13.0	12.7	18.0	17.5	12.9	11.2	8.7	12.3	11.0	11.3	12.4	12.6	10
ALL	9.8	12.4	12.9	17.1	17.0	13.7	12.4	10.1	11.9	12.4	13.1	11.7	12.9	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI														
00 - 02	1.4	2.5	1.9	3.2	4.4	3.4	4.8	1.4	2.8	3.9	1.6	1.8	2.8	10
03 - 05	.5	2.0	1.8	3.4	5.4	3.2	7.2	3.1	3.1	4.7	3.2	1.5	3.3	10
06 - 08	.8	1.4	2.0	2.4	3.0	1.8	3.2	2.7	2.2	4.7	3.5	1.6	2.4	10
09 - 11	1.7	2.8	.9	.3	.5	.6	.5	.3	.6	1.3	2.2	.4	1.0	10
12 - 14	1.2	2.7	.9	.4	.0	.1	.2	.1	.0	.8	.6	.6	.6	10
15 - 17	1.6	1.5	1.3	.4	.5	.4	.1	.0	.1	.4	.7	1.1	.7	10
18 - 20	1.3	1.9	1.8	2.0	1.3	.6	1.0	.6	1.0	2.2	.4	1.5	1.3	10
21 - 23	1.5	2.0	1.9	2.4	3.2	1.8	1.5	1.8	1.9	2.4	.7	2.2	1.9	10
ALL	1.2	2.1	1.6	1.8	2.3	1.5	2.3	1.3	1.5	2.5	1.6	1.3	1.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI														

HURRICANES/TROPICAL STORMS OBERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	1/1	2/2	2/2	0/1	0/0	5/6
120NM	0/0	1/2	4/6	5/3	0/1	0/0	10/12
240NM	0/3	3/7	12/15	14/9	1/3	0/1	30/38

A W S CLIMATIC BRIEF May 1988	Station Name: ATLANTIC CITY IAP NJ Latitude/Longitude: N39 27 W074 35 Hourly Obs POR: Jan 78 to Dec 87 Summary of Day POR: Feb 45 to Dec 87 LST = GMT -5	Field Elev: 76 ft Station MSC: 724070 Call Sign: KACY Supersedes: Dec 1981

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	78	75	87	94	99	106	104	102	99	90	84	75	106	43
MEAN MAX TEMP °F	41	43	51	61	71	80	84	83	76	66	56	45	63	43
MEAN TEMP °F	32	34	42	51	61	70	75	74	67	56	47	37	54	43
MEAN MIN TEMP °F	23	25	32	41	51	60	66	64	57	46	37	27	44	43
XTRM MIN TEMP °F	-10	-11	5	12	25	37	46	40	32	23	11	-2	-11	43
D/W TEMP ≥ 90°F	0	0	0	#	1	3	6	4	1	#	0	0	15	43
D/W TEMP ≥ 85°F	0	0	#	1	2	8	15	12	4	#	0	0	42	43
D/W TEMP ≤ 32°F	25	22	16	5	#	0	0	0	#	2	11	21	102	43
D/W TEMP ≤ 15°F	7	5	1	#	0	0	0	0	0	0	#	3	16	43
VAPOR PRESS "Hg	.12	.12	.17	.24	.36	.50	.62	.60	.49	.32	.24	.16	.29	10
MEAN DEWPOINT °F	22	23	30	39	50	59	65	64	58	47	39	29	44	10
99.95% WCPA Ft	950	800	850	800	550	500	450	350	450	550	650	750	700	10
MEAN RH 07 LST %	80	80	76	77	78	77	80	83	85	86	86	80	81	10
MEAN RH 13 LST %	61	58	53	54	55	54	55	57	58	57	61	59	57	10
MAX 24HR PRECIP "	2.5	2.6	2.7	3.4	4.2	2.4	6.5	6.4	3.9	2.6	3.4	1.9	6.5	43
MAX PRECIP "	7.7	5.8	7.3	8.0	11.5	6.4	13.1	12.0	6.3	6.8	9.7	7.3	65.8	43
MEAN PRECIP "	3.5	3.1	3.8	3.4	3.5	2.7	4.0	4.4	2.7	2.8	3.7	3.4	41.0	43
MIN PRECIP "	.3	.8	.6	.8	.4	.1	.5	.4	.4	.2	.7	.6	18.5	43
D/W PRECIP ≥ .01"	11	10	11	11	10	9	9	8	7	7	9	10	112	43
D/W PRECIP ≥ .5"	2	2	3	2	2	2	2	3	2	2	3	3	28	43
MAX 24HR SNFL "	14	17	12	3	0	0	0	0	0	#	8	7	17	43
MAX SNFL "	20	35	18	3	0	0	0	0	0	#	8	10	50.1	43
MEAN SNFL "	6	6	3	#	0	0	0	0	0	#	#	2	17	43
D/W SNFL ≥ .1"	3	3	1	#	0	0	0	0	0	0	#	1	8	43
D/W SNFL ≥ 1.5"	1	1	#	#	0	0	0	0	0	0	#	#	2	43
MEAN WND DRCTN	W	NW	NW	W	S	S	S	S	$N	$N	W	W	W	10
MEAN WND SPD Kts	9	9	10	10	8	7	7	6	6	7	8	8	8	10
MAX WND SPD** Kts	68	60	61	58	59	65	58	55	72	67	60	62	72	10
MEAN CLD CVR 10th	6	6	6	6	7	6	6	6	6	6	6	6	6	10
D/W TSTORMS	#	#	1	2	4	5	6	5	2	1	#	#	26	43
D/W FOG VSBY <7mi	12	11	13	13	16	17	19	20	16	15	13	12	177	43

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricane/tropical storm data not available at this time; to be furnished later.

A W S CLIMATIC BRIEF	Station Name:	ATLANTIC CITY IAP NJ	Field Elev:	76 ft
	Latitude/Longitude:	N39 27 W074 35	Station MSC:	724070
May 1988	Hourly Obs POR:	Jan 78 to Dec 87	Call Sign:	KACY
	Summary of Day POR:	Feb 45 to Dec 87		
	LST = GMT -5		Supersedes:	Dec 1981

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	24	24	21	26	25	18	18	18	20	21	29	22	22	
	03-05	25	25	24	27	30	25	26	27	23	25	31	21	26	
CIG/VSBY	06-08	23	27	23	27	32	24	28	32	30	27	32	21	27	
	09-11	25	23	23	26	26	18	19	20	23	21	28	22	23	
LESS THAN	12-14	27	23	24	24	21	15	15	18	20	16	24	24	21	
	15-17	25	24	20	23	18	15	12	13	15	15	21	21	19	
3000/3	18-20	24	24	20	23	21	15	12	14	15	18	24	21	19	
	21-23	21	23	20	23	22	16	14	15	16	19	26	24	20	
	00-24	24	24	22	25	24	18	18	20	20	20	27	22	22	10
	00-02	17	20	14	20	20	14	16	15	14	14	20	14	17	
	03-05	18	20	17	23	26	21	24	22	19	18	21	15	20	
CIG/VSBY	06-08	15	22	17	23	27	20	27	27	25	21	22	15	22	
	09-11	17	19	15	20	21	11	11	10	13	13	19	15	15	
LESS THAN	12-14	17	17	14	16	16	8	5	5	9	7	14	14	12	
	15-17	17	17	14	16	14	8	5	6	8	8	14	13	12	
1500/3	18-20	16	17	15	19	17	11	8	9	10	11	15	15	14	
	21-23	15	16	15	18	17	12	11	12	11	12	19	13	14	
	00-24	17	19	15	19	20	13	13	13	14	13	18	14	16	10
	00-02	15	16	12	18	17	11	11	10	12	13	16	11	14	
	03-05	15	18	15	21	22	17	20	18	15	15	18	13	17	
CIG/VSBY	06-08	12	19	15	21	23	15	20	17	17	17	18	12	17	
	09-11	13	17	13	16	16	8	5	4	9	9	14	12	11	
LESS THAN	12-14	14	14	11	11	11	6	2	3	5	5	10	11	9	
	15-17	14	13	12	11	11	5	2	3	5	5	10	11	9	
1000/2	18-20	14	13	12	15	14	8	4	5	7	9	11	12	10	
	21-23	13	13	13	16	16	10	7	7	9	11	14	11	12	
	00-24	14	15	13	16	16	10	9	8	10	11	14	12	12	10
	00-02	3	5	1	6	6	4	3	2	2	5	5	2	4	
	03-05	2	6	3	7	7	5	7	5	4	7	4	1	5	
CIG/VSBY	06-08	1	5	3	6	7	3	5	3	4	6	6	2	4	
	09-11	1	4	1	2	1	#	0	0	#	1	2	2	1	
LESS THAN	12-14	1	2	1	#	#	0	0	0	#	1	#	#	#	
	15-17	2	2	1	1	#	#	0	0	0	1	#	1	1	
200/½	18-20	2	3	1	3	3	#	#	0	#	2	2	1	1	
	21-23	2	3	2	5	6	2	1	#	1	3	3	2	3	
	00-24	2	4	2	4	4	2	2	1	1	3	3	1	2	10

AWS CLIMATIC BRIEF

Prepared by ETAC (AUG 1971)

LAKEHURST NAS, NEW JERSEY — N 40 02 — W 74 21 — ELEVATION: 113 (ft)

PERIOD: 1950-68

WBAN # 14780
WMO # 72409
STN LTRS: NEL

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (FSIC) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	99.95% PRESSURE ALTITUDE (ft)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	76	41	24	-1	3.4	4.0	7	10	W	8	58	76	63	23	.12	850	10	2	4	2	#	14	0	0	25	#	6
FEB	76	42	25	-7	3.4	2.4	7	13	W	9	63	75	61	24	.13	950	10	2	4	1	#	12	0	0	22	#	6
MAR	78	49	31	3	4.5	2.2	7	18	WNW	9	61	76	57	29	.16	850	12	3	3	1	1	16	0	0	17	0	6
APR	89	61	40	20	3.5	2.5	#	3	W	8	53	79	52	38	.23	850	11	2	#	#	2	16	0	2	5	0	6
MAY	95	71	50	31	3.2	4.6	#	#	W	7	55	84	52	48	.34	650	10	2	0	0	4	17	1	6	#	0	6
JUN	100	81	59	40	3.2	5.0	0	0	W	7	59	89	54	58	.49	550	9	2	0	0	5	20	5	18	0	0	6
JUL	102	85	64	51	4.2	4.2	0	0	SW	6	49	90	54	63	.58	500	8	3	0	0	6	21	7	24	0	0	6
AUG	101	82	63	46	4.0	4.8	0	0	WSW	6	34	91	58	63	.58	450	9	2	0	0	6	24	4	21	0	0	6
SEP	100	76	56	34	3.6	4.9	#	#	W	6	51	90	58	57	.47	550	7	2	0	0	2	21	2	11	0	0	6
OCT	90	66	46	22	3.2	3.0	#	#	W	6	75	87	55	46	.31	700	7	2	#	0	1	20	#	3	2	0	5
NOV	83	55	36	15	4.4	2.2	1	7	W	7	71	82	59	36	.21	800	>	3	#	#	#	16	0	#	11	0	6
DEC	73	43	27	2	3.7	3.0	5	9	W	8	54	79	63	26	.14	800	10	3	3	1	#	15	0	#	22	0	6
ANN	102	63	43	-7	44.3	11.5	27	18	W	7	75	83	57	43	.28	750	112	28	14	5	27	212	19	85	104	#	6
EYR	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

REMARKS

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
Number Observed Within:	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1970) 60 NM	0/0	0/0	1/0	4/1	7/4	0/0	0/0	0/0	12/5
(A) Hurricanes/Tropical Storms 120 NM	0/0	0/0	3/1	8/4	11/7	0/0	0/0	0/0	22/12
(B) Hurricanes Only 240 NM	1/1	3/0	6/3	19/10	29/17	5/2	1/1	1/0	63/34

SMOS (NAVY) POR: HRLY and DAILY OBS: JAN 50-DEC 68.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR .05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	26	24	25	24	26	25	24	27	26	22	24	24	25	
	03-05	26	24	27	28	32	36	36	38	33	30	26	25	30	
	06-08	28	28	30	29	30	30	34	38	38	37	29	27	32	
	09-11	25	27	28	26	25	21	23	26	28	23	23	25	25	
	12-14	22	25	28	23	22	21	21	26	26	20	23	23	23	
	15-17	20	23	25	20	17	17	17	19	20	14	22	21	20	
	18-20	22	23	23	20	17	17	15	17	18	16	20	21	19	
	21-23	24	23	23	21	20	20	18	19	19	18	21	21	21	
	ALL HOURS	24	25	26	24	23	23	23	26	26	22	23	23	24	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	19	19	2	20	21	21	21	24	21	18	17	19	20	
	03-05	20	20	22	23	27	33	33	34	27	25	20	20	25	
	06-08	22	24	25	25	25	27	31	34	32	33	24	22	27	
	09-11	20	22	23	19	16	14	13	15	15	15	17	20	17	
	12-14	16	18	20	15	11	11	9	11	12	10	14	18	14	
	15-17	16	18	18	14	9	10	9	9	10	9	14	16	13	
	18-20	17	19	19	16	13	13	11	12	12	11	14	16	14	
	21-23	19	19	18	17	17	16	15	16	14	15	16	16	17	
	ALL HOURS	19	20	21	19	17	18	18	19	18	17	17	18	18	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	16	16	17	16	18	16	15	18	15	14	13	15	16	
	03-05	17	17	19	19	22	24	24	25	21	18	15	16	20	
	06-08	17	19	20	20	20	18	21	22	23	23	16	17	20	
	09-11	14	17	18	14	11	8	7	9	9	10	111	16	12	
	12-14	12	14	16	10	8	6	5	5	7	6	10	14	9	
	15-17	12	14	15	11	7	5	4	4	6	6	10	14	9	
	18-20	13	15	15	12	10	9	6	6	8	8	10	13	10	
	21-23	15	16	15	14	14	12	9	11	11	10	12	14	13	
	ALL HOURS	15	16	17	15	14	12	11	12	13	12	12	15	14	19
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	4	3	3	5	4	4	5	4	5	3	4	4	
	03-05	4	6	5	5	8	8	7	7	6	7	5	4	6	
	06-08	5	5	4	4	3	3	4	4	5	7	4	4	4	
	09-11	3	2	2	1	#	#	#	#	#	#	1	2	1	
	12-14	2	2	1	1	#	#	0	#	#	#	1	1	1	
	15-17	2	1	1	1	#	#	0	#	#	#	1	1	1	
	18-20	1	1	2	1	#	1	#	#	#	1	1	1	1	
	21-23	1	1	2	2	1	1	1	1	2	1	2	1	2	
	ALL HOURS	3	3	3	2	3	2	2	2	2	3	2	3	3	19

A W S CLIMATIC BRIEF January 1988	Station Name: MCGUIRE AFB NJ Latitude/Longitude: N40 0' W074 36 Hourly Obs POR: Aug 7' to Jul 87 Summary of Day POR: Sep 42 to Mar 46 LST = GMT -5	Aug 48 to Jul 87	Field Elev: 133 ft Station MSC: 724096 Call Sign: KMRI Supersedes: Jul 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	74	74	87	93	94	99	102	100	100	88	82	75	102	43
MEAN MAX TEMP °F	39	41	50	61	72	81	85	83	76	66	55	43	63	43
MEAN TEMP °F	31	34	41	52	62	71	76	74	67	56	46	35	54	43
MEAN MIN TEMP °F	24	25	32	41	51	61	66	65	57	47	37	28	44	43
XTRM MIN TEMP °F	-8	-4	6	19	31	42	50	42	35	25	15	-1	-8	43
D/W TEMP ≥ 90°F	0	0	0	#	1	4	7	4	1	0	0	0	17	43
D/W TEMP ≥ 85°F	0	0	#	1	3	10	16	13	5	#	0	0	48	43
D/W TEMP ≤ 32°F	26	22	16	4	#	0	0	0	0	1	9	22	100	43
D/W TEMP ≤ 10°F	2	1	#	0	0	0	0	0	0	0	0	1	4	43
VPR PRESS "Hg	.11	.11	.16	.23	.36	.49	.62	.60	.47	.30	.21	.14	.27	10
MEAN DEWPOINT °F	19	21	29	38	50	58	65	64	57	45	36	26	42	10
99.95% WCPA Ft	1050	850	900	850	650	600	500	450	500	700	750	800	750	10
MEAN RH 07 LST %	70	71	71	72	74	75	80	81	81	79	76	74	75	10
MEAN RH 13 LST %	59	57	53	52	53	53	56	57	56	54	58	59	56	10
MAX 24HR PRECIP "	2.2	2.4	2.3	3.7	2.9	4.1	4.7	9.6	4.2	3.3	3.4	2.7	9.6	43
MAX PRECIP "	9.2	5.7	7.5	8.2	9.2	8.3	10.2	15.0	9.4	6.9	8.8	7.6	15.0	43
MEAN PRECIP "	3.1	2.9	3.9	3.7	3.5	3.6	4.4	4.7	3.6	3.2	3.7	3.7	44.0	43
MIN PRECIP "	.3	.7	1.1	.7	.2	.1	.7	.8	.8	.1	.2	.2	.1	43
D/W PRECIP ≥ .01"	11	9	11	11	11	10	9	9	8	8	10	10	117	43
D/W PRECIP ≥ .5"	2	2	3	3	2	2	3	3	2	2	3	3	30	43
MAX 24HR SNFL "	15	18	20	6	#	0	0	0@	0	1	9	8	20	39
MAX SNFL "	18	27	27	9	#	0	0	0	0	1	9	14	27	39
MEAN SNFL "	7	7	4	1	#	0	0	0	0	#	1	4	24	39
D/W SNFL ≥ .1"	4	3	2	#	0	0	0	0	0	#	#	2	11	39
D/W SNFL ≥ 1.5"	2	1	1	#	0	0	0	0	0	0	#	1	5	39
MEAN WND DRCTN	W	NW	N	$WNW	$W	$S	$S	$S	$N	$W	$W	$WNW	$W	10
MEAN WND SPD Kts	7	7	7	7	5	5	4	4	4	5	6	7	6	10
MAX WND SPD** Kts	49	53	54	56	62	71	68	70	66	76@	73	56	76@	39
MEAN CLD CVR 10th	7	6	6	7	7	6	6	7	6	6	7	7	6	10
D/W TSTORMS	#	#	1	2	4	5	7	6	2	1	1	#	29	39
D/W FOG VSBY <7mi	13	12	14	14	17	18	20	22	19	17	14	14	194	39

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/2	0/2	2/2	3/2	0/1	0/0	5/9
Within 120NM	0/0	0/0	0/0	0/0	0/3	0/3	4/6	8/5	0/5	0/0	12/22
Within 240NM	0/1	0/0	0/0	1/0	0/8	3/8	17/20	16/21	3/8	1/3	41/69

A W S CLIMATIC BRIEF January 1988	Station Name: MCGUIRE AFB NJ Latitude/Longitude: N40 01 W074 36 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Sep 42 to Mar 46 LST = GMT -5	Aug 48 to Jul 87	Field Elev: 133 ft Station WSC: 724096 Call Sign: KWRI Supersedes: Jul 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	21	21	14	21	24	17	18	20	19	19	27	21	20	
	03-05	22	23	18	25	29	24	28	30	25	23	29	23	25	
CIG/VSBY	06-08	21	25	21	25	28	24	28	33	33	27	31	23	27	
	09-11	21	21	18	22	23	17	18	18	20	17	26	21	20	
LESS THAN	12-14	21	19	18	20	19	11	10	11	15	14	23	21	17	
	15-17	20	18	17	18	15	11	7	11	12	11	20	19	15	
3000/3	18-20	20	18	15	19	15	11	9	11	12	12	21	21	15	
	21-23	20	18	16	19	20	14	11	13	15	14	25	21	17	
	00-24	21	20	17	21	22	16	16	18	19	17	25	21	19	10
	00-02	16	18	13	19	19	16	14	18	13	13	22	17	17	
	03-05	17	29	14	21	25	23	26	27	20	18	24	18	21	
CIG/VSBY	06-08	16	21	16	22	26	21	26	30	28	22	23	19	23	
	09-11	16	18	14	17	17	13	11	12	15	13	20	16	15	
LESS THAN	12-14	16	16	13	13	11	7	4	5	7	8	14	14	11	
	15-17	15	14	12	13	10	8	4	6	6	7	13	14	10	
1500/3	18-20	16	15	13	14	11	9	4	9	8	9	14	15	11	
	21-23	16	15	13	16	16	12	8	12	11	10	19	15	14	
	00-24	16	17	14	17	17	14	12	15	14	13	19	16	15	10
	00-02	13	16	11	16	15	12	9	10	10	11	18	13	13	
	03-05	13	16	12	17	21	17	17	18	16	15	19	14	16	
CIG/VSBY	06-08	13	17	13	18	21	16	18	21	20	17	18	14	17	
	09-11	12	15	11	14	12	9	6	6	8	9	15	12	11	
LESS THAN	12-14	13	13	9	9	7	5	2	2	3	6	10	10	7	
	15-17	12	11	10	9	7	5	2	3	4	5	10	12	8	
1000/2	18-20	13	13	10	11	9	6	2	5	6	6	11	12	9	
	21-23	13	13	11	14	13	8	4	7	7	8	15	13	11	
	00-24	13	14	11	14	13	10	8	9	9	10	15	13	12	10
	00-02	2	3	1	2	4	4	2	3	1	4	4	2	3	
	03-05	2	5	2	3	6	6	4	5	3	5	5	2	4	
CIG/VSBY	06-08	1	5	2	3	3	3	2	3	3	5	4	2	3	
	09-11	1	3	#	0	#	0	0	#	#	1	1	1	1	
LESS THAN	12-14	2	1	1	0	0	0	#	#	0	0	#	1	#	
	15-17	2	1	1	#	#	0	0	#	0	#	#	#	#	
200/½	18-20	2	2	1	1	#	0	0	#	#	1	#	1	1	
	21-23	2	3	1	2	2	1	#	1	#	2	3	1	2	
	00-24	2	3	1	1	2	2	1	2	1	2	2	1	2	10

PREPARED BY: USAFETAC
NOVEMBER 1986

STATION NAME : CANNON AFB NM
LOCATION : N34 23 W103 19

PERIOD: JAN 43-JUN 86 B
ELEV : 4295 FT

STN LTRS:
WBAN NO:

NCVS
722686

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT)	SURFACE WINDS PVLG DIRCTN (IN PCT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER STORMS	FOG VSBY ≤ ¼ MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32
JAN	53	25	38	77	-11	.4	1.4	.0	.9	3	12	8	68	45	.11	21	4750	W	8	60	5	3	0	2	1	0	0	0	26	
FEB	56	28	42	80	1	.4	1.6	0	1.2	3	19	7	68	42	.13	26	4750	W	8	61	5	3	0	2	1	0	0	0	20	
MAR	62	34	48	89	8	.5	2.4	0	1.3	2	12	7	61	33	.14	26	4900	W	9	73	5	3	0	1	0	1	5	0	13	
APR	71	43	57	94	14	.7	2.1	.0	1.6	0	5	4	56	30	.18	32	4850	W	9	69	5	3	0	0	0	3	5	0	0	3
MAY	79	51	65	98	31	1.7	6.7	.1	2.0	0	1	1	62	34	.27	42	4750	W	8	65	5	5	1	0	0	7	5	0	3	0
JUN	88	61	74	106	42	2.2	5.5	0	2.5	0	0	0	63	36	.39	52	4600	S	7	64	5	7	1	0	0	9	3	5	14	0
JUL	92	65	78	105	55	2.7	11.4	.3	3.7	0	0	0	61	35	.45	56	4400	S	6	66	5	8	2	0	0	10	3	6	17	0
AUG	89	64	76	105	49	2.5	7.1	.2	4.8	0	0	0	68	40	.47	57	4400	S	5	69	5	8	1	0	0	10	4	4	15	0
SEP	81	57	69	100	29	1.7	5.9	.0	3.0	0	0	0	68	41	.38	51	4550	S	6	70	5	6	1	0	0	4	6	1	5	0
OCT	71	46	59	95	22	1.5	6.2	.0	2.8	0	7	4	67	41	.25	40	4650	W	7	64	4	5	1	0	0	2	6	0	0	1
NOV	59	34	47	84	4	.5	2.1	.0	1.7	2	12	5	68	41	.16	29	4750	W	7	59	5	3	0	1	1	1	5	0	0	12
DEC	51	27	39	77	-11	.4	1.9	.0	.8	3	9	8	66	43	.12	22	4800	W	8	67	5	3	0	2	1	0	0	0	0	25
ANN	73	44	58	106	-11	15.2	11.4	.0	4.8	13	19	8	65	38	.23	38	4700	W	7	73	5	57	7	8	4	47	61	14	54	100
YRS	39	39	39	39	39	36	36	36	36	36	36	36	10	10	10	10	10	10	10	39	10	36	36	36	36	39	36	39	39	39

REMARKS:

RUSSMO FOR:
HOURLY OBS: JUL 76-JUN 86
SUMMARY OF DAY DATA: JAN 43-NOV 46, DEC 51-JUN 86

NOTE: * DATA NOT AVAILABLE # ABOVE < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM &RTR % PVLG DRCTN @ GUSTS 50 < FULL REPTNG

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
	00-02	17	18	11	8	13	6	3	6	12	16	15	16	11	
	03-05	17	20	15	10	19	9	5	7	14	17	18	14	14	
CEILING LESS	06-08	18	22	16	14	22	13	7	8	18	18	19	16	16	
THAN 3000 FT	09-11	16	19	13	10	11	9	4	7	15	15	17	14	13	
AND/OR VISIBILITY	12-14	13	15	10	6	6	4	1	3	8	11	12	13	9	
LESS THAN 3 MI	15-17	11	11	8	4	4	1	1	2	6	7	9	10	6	
	18-20	12	12	7	4	4	2	1	1	6	9	10	12	7	
	21-23	14	14	9	5	7	3	2	2	7	12	14	13	9	
	ALL HRS	15	16	11	8	11	6	3	4	11	13	14	13	10	10
	00-02	14	16	9	5	9	5	3	3	9	11	13	12	9	
	03-05	14	18	11	8	14	7	4	6	11	14	15	12	11	
CEILING LESS	06-08	16	20	13	10	16	10	5	6	14	14	16	13	13	
THAN 1000 FT	09-11	14	16	10	6	6	3	2	4	9	11	15	12	9	
AND/OR VISIBILITY	12-14	11	11	5	3	3	2	0	1	5	5	8	10	5	
LESS THAN 3 MI	15-17	10	8	5	2	3	1	1	1	5	4	6	8	5	
	18-20	10	9	4	3	3	1	1	1	4	6	8	10	5	
	21-23	12	13	8	4	5	2	1	2	6	9	11	12	7	
	ALL HRS	13	14	8	5	7	4	2	3	8	9	12	11	8	10
	00-02	12	14	7	4	7	4	2	2	7	10	11	10	8	
	03-05	13	16	9	6	10	5	3	4	8	12	13	10	9	
CEILING LESS	06-08	14	18	10	7	10	6	3	4	11	12	14	11	10	
THAN 1000 FT	09-11	10	12	7	4	4	2	1	2	6	7	11	10	6	
AND/OR VISIBILITY	12-14	8	7	4	2	1	1	0	1	3	3	5	7	4	
LESS THAN 2 MI	15-17	7	6	3	2	1	0	1	1	4	3	4	7	3	
	18-20	8	8	3	2	2	1	0	1	3	4	6	8	4	
	21-23	10	11	6	4	3	1	1	2	4	8	9	10	6	
	ALL HRS	10	12	6	4	5	3	1	2	6	7	9	9	6	10
	00-02	4	6	2	1	1	0	0	0	0	3	2	3	2	
	03-05	4	5	2	1	1	0	0	1	1	3	3	3	2	
CEILING LESS	06-08	4	6	2	1	0	0	0	0	0	3	4	3	2	
THAN 200 FT	09-11	2	2	0	0	0	0	0	0	0	1	2	2	1	
AND/OR VISIBILITY	12-14	1	1	0	1	0	0	0	0	0	0	1	1	0	
LESS THAN 1/2 MI	15-17	1	1	0	0	0	0	0	0	0	0	0	0	0	
	18-20	1	2	0	0	0	0	0	0	0	0	1	1	0	
	21-23	3	4	1	0	0	0	0	0	0	1	2	2	1	
	ALL HRS	3	3	1	1	0	0	0	0	0	1	2	2	1	10

CB DATED APR 1982 IS OBSOLETE

PREPARED BY: USAFETAC
FEBRUARY 1987

STATION NAME: HULLOMAN AFB NM
LOCATION: N32 51 W106 06

PERIOD: SEP 42-AUG 86 B
ELEV: 4093 FT

STN LTRS: HMN
WBAN NO: 723720

AWS CLIMATIC BRIEF

MEAN

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	EXTREME MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 07	LST 13	VAPOR PRESSURE (MB)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.996	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) DD	CLEAR (0-3)	PARTLY CLOUDY (4-7)	OVERCAST (8-10)
JAN	54	20	41	76	-11	.5	1.9	.0	1.2	1	7	4	69	45	.14	25	4450	S	N	4	67	5	4	8
FEB	60	31	46	81	0	.4	1.4	.0	.6	1	6	4	63	35	.14	25	4450	S	N	4	49	5	3	8
MAR	66	37	52	93	9	.3	3.6	.0	1.3	0	4	4	51	26	.13	24	4550	S	S	6	51	5	2	8
APR	76	45	61	94	23	.2	1.0	.0	.7	0	7	4	42	22	.15	27	4500	S	S	6	69	5	2	8
MAY	84	54	69	103	26	.4	2.9	.0	1.8	0	0	0	40	21	.20	34	4450	S	S	6	57	4	2	8
JUN	93	63	78	109	44	.8	3.6	0	1.9	0	0	0	42	23	.27	42	4350	S	S	5	55	4	4	8
JUL	93	68	81	108	52	1.3	3.7	0	1.4	0	0	0	53	29	.40	53	4250	SSE	S	5	57	5	8	8
AUG	91	66	79	106	54	1.3	4.4	.2	1.2	0	0	0	66	37	.45	56	4200	S	S	4	58	6	7	1
SEP	86	60	73	102	38	1.2	4.5	0	2.1	0	0	0	68	39	.39	52	4300	S	S	4	45	5	5	1
OCT	75	48	62	92	26	1.0	4.2	.0	1.8	0	1	1	68	38	.25	40	4350	S	S	4	50	4	4	1
NOV	63	35	49	82	3	.4	2.5	.0	1.2	1	6	4	67	38	.17	30	4400	S	S	4	58	4	2	8
DEC	55	29	42	75	2	.5	2.5	.1	1.9	1	10	7	69	42	.19	25	4550	S	N	4	49	5	4	8
ANN	75	47	61	109	-11	8.3	4.5	.0	2.1	4	14	7	58	33	.21	36	4450	S	S	5	69	5	47	3
YRS	43	43	43	43	43	43	43	43	43	40	40	40	16	10	10	10	11	10	10	35	10	43	43

MEAN NUMBER OF DAYS OCCURRENCE OF

MONTH	PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDERSTORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 95	MIN ≤ 32	MIN ≤ 20
JAN	4	0	1	0	0	2	0	0	22	4
FEB	3	0	1	0	0	1	0	0	16	2
MAR	2	0	0	0	1	1	0	0	9	0
APR	2	0	0	0	1	0	0	0	1	0
MAY	2	0	0	0	3	0	0	0	0	0
JUN	2	0	0	0	7	0	5	13	0	0
JUL	3	0	0	0	13	0	4	14	0	0
AUG	4	0	0	0	11	0	1	9	0	0
SEP	3	0	0	0	5	1	0	2	0	0
OCT	2	0	0	0	2	1	0	0	3	0
NOV	2	0	0	0	1	0	0	0	12	1
DEC	2	0	0	0	2	0	0	0	23	3
ANN	29	0	2	0	46	6	10	39	86	10
YRS	43	43	40	40	40	40	43	43	43	43

REMARKS RUSSWO POR:
HOURLY OBS: SEP 76-AUG 86
SUMMARY OF DAY DATA: SEP 42-AUG 86

NOTE: * DATA NOT AVAILABLE # ASTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM DATA % PVLG DIRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	6	2	1	2	0	0	0	0	2	3	4	4	2	
	03-05	7	3	1	2	0	0	0	0	3	3	5	4	2	
	06-08	9	4	2	2	0	0	0	0	3	3	5	6	3	
	09-11	8	3	2	2	0	0	0	0	3	3	4	5	3	
	12-14	6	2	3	2	0	0	0	0	3	4	4	3	2	
	15-17	3	2	3	4	0	0	0	0	2	2	3	3	2	
	18-20	4	2	2	3	0	1	0	0	1	2	3	3	2	
	21-23	4	1	1	1	0	0	0	0	2	3	3	4	2	
	ALL HRS	6	2	2	2	0	0	0	0	2	3	4	4	2	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	4	1	0	2	0	0	0	0	1	1	3	3	1	
	03-05	5	2	1	2	0	0	0	0	2	3	4	3	2	
	06-08	7	2	1	1	0	0	0	0	2	2	4	5	2	
	09-11	7	2	1	2	0	0	0	0	2	2	3	4	2	
	12-14	5	1	2	2	0	0	0	0	2	2	2	3	2	
	15-17	2	1	2	3	0	0	0	0	0	1	2	2	1	
	18-20	3	1	1	3	0	1	0	0	0	1	2	2	1	
	21-23	2	0	0	1	0	0	0	0	1	0	2	3	1	
	ALL HRS	4	1	1	2	0	0	0	0	1	1	3	3	1	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	4	0	0	1	0	0	0	0	0	1	3	2	1	
	03-05	4	1	1	1	0	0	0	0	1	2	3	3	1	
	06-08	6	1	1	1	0	0	0	0	1	2	3	3	2	
	09-11	6	2	1	1	0	0	0	0	1	2	3	3	2	
	12-14	3	1	2	2	0	0	0	0	1	1	2	2	1	
	15-17	1	1	1	2	0	0	0	0	0	1	1	2	1	
	18-20	2	1	1	2	0	0	0	0	0	0	1	2	1	
	21-23	2	0	0	1	0	0	0	0	0	0	1	2	1	
	ALL HRS	4	1	1	1	0	0	0	0	1	1	2	2	1	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	0	0	0	0	0	0	0	0	0	1	1	0	
	03-05	2	0	0	0	0	0	0	0	0	0	1	1	0	
	06-08	3	0	0	0	0	0	0	0	0	0	1	1	0	
	09-11	2	0	0	0	0	0	0	0	0	0	1	1	0	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	1	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	1	0	0	0	0	0	0	0	0	0	1	1	0	10

PREPARED BY: USAFETAC
NOVEMBER 1986

STATION NAME : KIRTLAND AFB NM
LOCATION : N35 03 W106 37

PERIOD: AUG 41-JUN 86
ELEV : 5352 FT

STN LTRS: KABQ
WBAN NO: 723650

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	47	23	35	69	-17	.9	1.3	.0	.9	3	10	5
FEB	53	27	40	76	-5	.9	1.4	T	.5	2	10	5
MAR	60	32	47	85	8	.5	2.2	T	.9	2	15	9
APR	70	41	56	89	19	.5	2.5	T	1.7	T	T	T
MAY	80	50	65	96	28	.5	2.5	T	.9	T	1	1
JUN	90	59	75	105	40	.5	2.6	T	1.6	0	0	0
JUL	93	65	79	105	52	1.2	3.3	.1	1.6	0	0	0
AUG	90	63	77	101	52	1.4	3.3	T	1.8	0	0	0
SEP	83	56	70	100	37	.9	1.9	T	1.9	T	T	T
OCT	71	44	58	91	25	.9	3.1	.0	1.7	T	1	1
NOV	57	32	45	77	-7	.4	1.2	.0	.6	1	8	.4
DEC	48	25	36	72	1	.5	1.9	.0	.8	3	15	9
ANN	70	43	57	105	-17	8.1	1.3	.0	1.9	41	15	9
YRS	44	44	44	44	44	44	44	44	44	41	41	41

MONTH	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (5") 24	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.0	THUNDER	FOG VSby ≤ 7MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 32	MIN ≤ 32	MIN ≤ 20
JAN	77	47	.12	22	5750	N	7	58	5	4	0	2	1	0	3	0	0	28	9
FEB	70	38	.12	22	5750	N	8	55	5	4	0	2	1	0	2	0	0	22	4
MAR	60	30	.12	23	5850	S	9	58	5	4	0	2	0	1	2	0	0	16	1
APR	49	22	.13	24	5800	S	10	58	5	3	0	0	0	1	1	0	0	4	0
MAY	47	23	.17	31	5700	S	9	54	4	4	0	0	0	4	0	0	3	0	0
JUN	42	20	.22	37	5550	E	9	59	4	4	0	0	0	5	0	7	17	0	0
JUL	51	26	.34	48	5400	E	8	55	5	8	1	0	0	10	0	11	24	0	0
AUG	61	31	.36	51	5400	S	8	56	5	9	1	0	0	10	0	4	17	0	0
SEP	62	34	.30	45	5500	E	8	53	4	5	0	0	0	5	1	1	5	0	0
OCT	64	33	.20	34	5600	N	7	54	4	4	0	0	0	2	0	0	2	0	0
NOV	68	37	.14	25	5700	N	7	50	4	3	0	1	0	1	2	0	0	14	1
DEC	73	42	.11	21	5750	N	7	49	4	4	0	2	1	0	3	0	0	27	7
ANN	60	32	.18	32	5700	N	8	58	5	56	2	9	3	39	16	23	66	115	22
YRS	10	10	10	10	10	10	10	10	10	44	44	41	41	41	41	44	44	44	44

REMARKS:

RUSSMO FOR:
HOURLY OBS: JUL 76-JUN 86
SUMMARY OF DAY DATA: AUG 41-JUN 86

NOTE: * DATA NOT AVAILABLE # ADDED < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM SRTD % PVLG DRCTN ‡ BASED ON < FULL MONTH

CAT FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	8	6	5	2	1	1	0	1	1	3	3	7	3	
	03-05	9	8	4	1	1	0	0	2	2	3	5	6	3	
	06-08	9	8	4	1	1	1	0	0	3	4	6	7	4	
	09-11	10	8	5	2	1	1	0	0	3	4	5	5	4	
	12-14	8	5	3	1	1	0	0	0	1	3	4	6	3	
	15-17	6	5	2	1	1	0	0	0	1	2	2	5	2	
	18-20	5	3	3	1	0	0	0	0	0	2	2	6	2	
	21-23	7	4	3	1	0	0	0	0	1	2	2	5	2	
	ALL HRS	8	6	3	1	1	0	0	0	2	3	4	6	3	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	5	3	1	1	0	0	0	0	0	2	1	3	1	
	03-05	6	5	2	0	0	0	0	0	0	2	3	4	2	
	06-08	6	5	3	0	1	0	0	0	2	2	3	5	2	
	09-11	8	5	2	1	0	0	0	0	1	1	2	4	2	
	12-14	6	3	2	0	0	0	0	0	1	1	2	4	2	
	15-17	4	3	1	1	0	0	0	0	0	1	1	3	1	
	18-20	3	2	1	0	0	0	0	0	0	1	1	3	1	
	21-23	4	2	1	0	0	0	0	0	0	1	1	3	1	
	ALL HRS	5	4	2	0	0	0	0	0	0	1	2	4	2	10
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	4	3	0	1	0	0	0	0	0	1	1	2	1	
	03-05	5	4	1	0	0	0	0	0	0	1	2	2	1	
	06-08	4	4	2	0	0	0	0	0	1	2	3	3	2	
	09-11	4	3	1	0	0	0	0	0	0	0	2	3	1	
	12-14	3	2	1	0	0	0	0	0	0	0	1	3	1	
	15-17	3	1	0	1	0	0	0	0	0	1	0	2	1	
	18-20	2	1	0	0	0	0	0	0	0	1	0	1	1	
	21-23	3	2	0	0	0	0	0	0	0	1	1	2	1	
	ALL HRS	4	3	1	0	0	0	0	0	0	1	1	2	1	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	1	0	0	0	0	0	0	0	1	0	1	0	
	03-05	3	1	0	0	0	0	0	0	0	0	1	1	1	
	06-08	3	1	1	0	0	0	0	0	0	1	1	2	1	
	09-11	2	1	0	0	0	0	0	0	0	0	1	1	1	
	12-14	0	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	0	1	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	1	1	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	1	1	0	0	0	0	0	0	0	0	0	1	0	10

AWS CLIMATIC BRIEF ROSWELL INDUSTRIAL AIR CENTER (WALKER AFB) NEW MEXICO PERIOD: 1942-67 WBAN # 23009 WMO #

Prepared by ETAC (APR 1971) N 33 18 W 104 32 ELEVATION: 3679 ft STN LTRS: KROW(KRSW)

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS											MEAN CLDS (Tenths)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (GUST) SPEED	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	80	54	26	-19	0.4	1.1	3	8	S	5	50	65	39	22	.12	4150	3	#	2	1	#	4	0	#	24	1	4
FEB	84	60	30	-6	0.3	0.6	2	6	S	7	54	63	36	23	.12	4150	2	#	1	1	#	4	0	1	17	#	4
MAR	93	67	36	1	0.3	1.4	#	4	S	8	65	52	28	23	.12	4200	2	#	#	#	1	2	#	3	9	0	4
APR	100	77	46	19	0.4	1.4	#	#	S	8	54	50	25	29	.16	4200	2	#	0	0	1	1	2	14	1	0	4
MAY	103	86	55	37	0.9	2.6	0	0	S	8	57	54	25	38	.23	4100	3	#	0	0	4	1	11	24	0	0	4
JUN	110	94	65	47	1.2	1.9	0	0	S	8	62	58	26	49	.35	4000	4	1	0	0	5	#	24	29	0	0	4
JUL	111	94	68	56	1.5	1.8	0	0	S	7	52	66	32	56	.45	3850	7	1	0	0	8	1	25	31	0	0	5
AUG	108	93	67	55	1.4	3.2	0	0	S	6	56	66	33	56	.45	3850	6	1	0	0	6	1	23	30	0	0	4
SEP	104	86	60	37	1.3	3.4	0	0	S	6	60	67	36	50	.36	3950	5	1	0	0	3	3	12	25	0	0	4
OCT	95	77	48	28	1.1	3.3	0	0	S	6	50	67	35	40	.25	4050	4	1	0	0	1	3	1	13	#	0	3
NOV	87	64	35	10	0.3	1.1	1	7	S	6	47	63	34	28	.15	4150	2	#	#	#	#	3	0	2	12	0	4
DEC	84	56	28	0	0.4	1.5	2	7	S	5	52	68	40	24	.13	4150	3	#	1	#	#	4	0	#	23	#	4
ANN	111	76	47	-19	9.5	3.4	8	8	S	7	65	62	32	37	.22	4100	43	5	4	2	29	27	98	172	86	1	4
EYR	25	25	25	25	25	24	21	21	26	26	21	24	24	25	25	20	25	25	21	21	21	21	25	25	25	25	21

REMARKS

RUSSMO POR: Hrly Obs: Jul 42, Jan 67, Daily Obs: Jul 42 - Dec 66.

NOTE; -DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	8	10	7	5	4	2	2	2	7	8	8	9	6	
	03 - 05	10	12	9	8	8	4	2	3	10	12	10	11	8	
	06 - 08	12	15	10	9	11	5	4	4	13	15	12	12	10	
	09 - 11	12	13	9	8	8	4	3	3	10	11	11	12	9	
	12 - 14	10	11	7	7	4	2	1	2	6	7	8	9	6	
	15 - 17	7	8	6	5	3	1	1	1	4	5	6	7	5	
	18 - 20	6	7	4	4	3	1	1	1	3	4	5	6	4	
	21 - 23	6	8	4	3	3	1	1	1	4	6	5	7	4	
	ALL HOURS	9	10	7	6	6	2	2	2	7	9	8	9	6	25
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	6	8	5	3	1	1	1	1	4	5	5	8	4	
	03 - 05	7	9	6	4	3	2	1	2	6	8	7	9	5	
	06 - 08	9	12	8	4	4	2	2	2	9	10	9	10	7	
	09 - 11	9	10	6	4	2	1	1	1	4	7	8	10	5	
	12 - 14	8	8	4	3	1	1	#	1	2	3	5	7	4	
	15 - 17	5	6	4	3	2	1	1	1	2	3	4	5	3	
	18 - 20	5	5	3	3	2	1	1	1	2	3	4	5	3	
	21 - 23	5	6	3	2	1	#	1	1	2	3	4	6	3	
	ALL HOURS	7	8	5	3	2	1	1	1	4	5	6	7	4	25
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	5	6	3	2	1	#	1	1	2	3	4	7	3	
	03 - 05	6	8	4	3	1	1	1	1	3	6	6	8	4	
	06 - 08	8	10	5	3	2	1	1	1	6	8	7	9	5	
	09 - 11	8	8	4	2	1	1	#	1	2	4	6	8	4	
	12 - 14	6	5	3	2	1	#	#	#	1	2	4	5	2	
	15 - 17	3	4	3	2	1	1	#	1	1	1	3	4	2	
	18 - 20	3	4	2	2	2	#	1	#	1	2	2	4	2	
	21 - 23	4	5	2	1	1	#	#	#	1	2	2	4	2	
	ALL HOURS	5	6	3	2	1	#	1	1	2	3	4	6	3	25
CIG less than 400 feet and/or VSBY less than ½ mile	00 - 02	2	2	1	#	0	0	0	0	#	1	1	2	1	
	03 - 05	3	3	1	#	0	#	0	#	1	2	2	3	1	
	06 - 08	3	3	2	#	#	#	0	0	1	2	2	4	1	
	09 - 11	2	2	1	#	0	0	0	0	0	0	#	2	1	
	12 - 14	1	1	#	#	#	0	0	0	0	0	#	1	#	
	15 - 17	#	1	1	#	#	0	#	0	0	0	#	#	#	
	18 - 20	1	#	#	#	#	0	#	0	#	0	0	1	#	
	21 - 23	1	1	#	#	0	0	0	0	0	#	#	1	#	
	ALL HOURS	2	2	1	#	#	#	#	#	#	1	1	2	1	25

PREPARED BY: USAFETAC
APRIL, 1986

STATION NAME: WHITE SANDS NR NM
LOCATION: N32 38 W106 29

PERIOD: AUG 47-DEC 62
ELEV: 3950 FT

USAF
WBAN NO:
747940

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 07	LST 13	VAPOR PRESSURE MEAN (mb)	DEW PT MEAN (°F)	PRESSURE MEAN STN LEVEL (FT) 99.99%	WIND PVLG DIRECTION 36 FT	WIND SPEED MEAN (KT)	WIND SPEED MAX (KT) 00	CEILING/VISIBILITY	THUNDERSTORMS	FOG	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.1	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 20
JAN	55	30	43	73	-6	.6	2.0	.0	1.1	2	7	48	56	39	.13	29	4600	W	5	704	5	4	1	1	0	0	0	12	2	0
FEB	60	36	49	80	8	.6	1.8	.0	1.0	1	5	4	48	31	.11	21	4650	W	7	704	4	.3	0	1	0	0	0	7	1	0
MAR	65	43	55	82	21	.9	2.9	.0	.9	6	5	12	42	27	.12	22	4650	W	8	696	4	1	0	1	0	0	0	1	0	0
APR	77	53	65	94	32	.9	1.9	.0	1.0	0	0	0	34	21	.13	29	4650	W	8	696	4	2	0	0	0	1	0	1	12	0	0
MAY	84	61	72	103	398	.3	.8	.3	.5	0	0	0	32	19	.16	29	4550	W	8	696	3	2	0	0	0	2	0	7	25	0	0
JUN	93	70	82	108	50	.5	1.8	.0	1.3	0	0	0	34	21	.25	40	4500	W	8	60	3	2	0	0	0	0	0	0	29	30	0	0
JUL	93	70	82	106	59	2.3	5.6	.0	2.3	0	0	0	56	33	.42	54	4350	SE	4	44	5	7	1	0	0	9	0	23	30	0	0
AUG	92	69	81	101	60a	1.0	5.6	.0	3.66	0	0	0a	56	34	.40	53	4350	W	4	514	5	6	1	0	0	8	0	23	31	0	0
SEP	87	64	76	102	52	1.0	3.6	.0	1.2	0	0	0	51	31	.31	36	4550	W	4	50	3	4	1	0	0	3	0	11	27	0	0
OCT	77	54	65	91	35	.9	3.0	.0	1.7	0	0	0	53	34	.23	30	4550	W	4	60	3	3	1	0	0	1	1	0	13	0	0
NOV	64	41	52	84	20	.3	2.3	.0	.8	1	6	6	52	33	.15	27	4550	W	5	56	3	2	0	0	0	0	0	0	4	0	0
DEC	56	35	46	77a	-8	.9	1.9	.0	1.7	1	9	7	57	38	.12	23	4550	W	5	56	4	1	1	1	0	0	0	0	12	0	0
ANN	75	53	64	108	-8	9.2	5.6	.0	3.66	9	9	7	48	30	.19	33	4550	W	6	704	4	52	5	3	0	29	2	89	169	30	1
YRS	19	19	19	19	19	15	15	15	15	15	15	15	10	10	10	10	10	10	10	8	10	15	15	15	15	15	15	19	19	19	19

REMARKS:

RECORD FOR:
HOURLY OBS: JAN 53-DEC 62
SUMMARY OF DAY DATA: AUG 47-DEC 62

NOTE: * DATA NOT AVAILABLE # UNITS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM DATA % PLYG. DATA # CASES ON < FULL SHEETS

CAY FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	STN
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	2	2	2	1	0	0	1	0	1	2	2	3	1	10
	03-05	3	3	2	1	0	0	1	0	1	4	2	4	2	10
	06-08	2	3	2	0	0	0	1	1	1	3	3	4	2	10
	09-11	3	4	2	1	0	0	2	1	1	2	3	4	2	10
	12-14	3	4	3	1	0	0	1	1	2	2	2	3	2	10
	15-17	3	4	3	2	1	0	1	0	1	2	2	2	2	10
	18-20	2	2	3	3	1	1	1	0	1	1	2	2	2	9
	21-23	1	2	2	2	0	0	1	0	1	1	3	1	1	9
	ALL HRS	3	3	2	1	0	0	1	0	1	2	3	3	1	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	2	1	1	1	0	0	0	0	0	1	2	1	1	10
	03-05	2	2	1	1	0	0	0	0	1	1	2	2	1	10
	06-08	2	1	1	0	0	0	1	0	1	2	1	3	1	10
	09-11	2	2	1	1	0	0	1	0	0	2	1	2	1	10
	12-14	1	2	1	1	0	0	1	0	0	1	0	1	1	10
	15-17	2	2	2	2	1	0	0	0	0	1	1	1	1	10
	18-20	2	2	3	3	1	1	1	0	0	0	1	1	1	9
	21-23	1	1	2	2	0	0	1	0	0	0	1	1	1	9
	ALL HRS	2	2	2	1	0	0	1	0	0	1	1	2	1	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	1	1	0	0	0	0	0	0	0	0	1	0	0	10
	03-05	1	2	1	0	0	0	0	0	0	1	1	1	1	10
	06-08	2	1	1	0	0	0	0	0	0	2	1	2	1	10
	09-11	2	1	1	1	0	0	1	0	0	2	0	1	1	10
	12-14	1	1	1	0	0	0	0	0	0	1	0	1	0	10
	15-17	1	1	2	1	0	0	0	0	0	1	1	1	1	10
	18-20	1	0	2	1	0	0	0	0	0	0	1	0	0	9
	21-23	1	1	1	0	0	0	1	0	0	0	1	0	0	9
	ALL HRS	1	1	1	0	0	0	0	0	0	1	1	1	1	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	1	0	0	0	0	0	0	0	0	0	0	0	10
	03-05	0	1	0	0	0	0	0	0	0	0	0	0	0	10
	06-08	1	0	0	0	0	0	0	0	0	0	0	0	0	10
	09-11	0	0	0	0	0	0	0	0	0	1	0	0	0	10
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	18-20	0	0	1	0	0	0	0	0	0	0	0	0	0	9
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	9
	ALL HRS	0	0	0	0	0	0	0	0	0	0	0	0	0	

PREPARED BY: USAPETAC JUNE 1982

STATION NAME: ALBANY CO APT NY
LOCATION: N42 45 W 73 48

PERIOD: JAN 46-DEC 81 B
ELEV: 289 FT

STN LTRS: ALB
WBAN NO: 725180

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (in) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (in) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	31	12	22	64	-28	2.3	6.4	.4	1.6	15	41	13
FEB	33	14	24	67	-21	2.3	5.0	.4	1.5	15	35	17
MAR	43	24	34	85	-21	2.7	5.9	.3	2.0	11	35	13
APR	57	35	47	92	10	2.8	6.7	1.1	2.0	2	11	10
MAY	69	45	58	94	26	3.4	9.0	1.1	2.2	T	2	2
JUN	78	55	67	99	36	3.3	7.4	.7	3.5	0	0	0
JUL	83	60	72	100	40	3.1	7.0	.5	2.7	0	0	0
AUG	81	58	70	99	37	3.3	7.3	.7	4.1	0	0	0
SEP	73	50	61	100	24	3.2	7.9	.4	3.5	0	0	0
OCT	62	39	51	89	16	2.8	8.8	.2	2.6	T	2	2
NOV	48	31	40	82	5	2.9	8.1	.4	1.8	4	25	22
DEC	35	18	27	65	-22	3.0	6.7	.4	1.2	16	58	14
ANN	58	37	48	100	-28	35.1	9.0	.2	4.1	83	58	22
YRS	36	36	36	36	36	36	36	36	36	36	36	36

MONTH	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (mb) LST 04	LST 13	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (in) ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL (in) ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER STORMS	FOG VIS ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 15
JAN	77	63	.08	.13	13	1150	WNW	9	54	7	12	1	10	3	0	10	0	0	29	17
FEB	75	58	.08	.14	14	1050	WNW	9	58	7	11	2	8	3	0	9	0	0	26	14
MAR	74	54	.13	.24	24	1100	WNW	10	53	7	12	2	6	2	1	10	0	0	25	5
APR	74	49	.18	.32	32	1000	WNW	10	50	7	12	2	2	1	1	9	0	1	12	0
MAY	84	53	.31	.46	46	800	S	8	58	7	13	2	0	0	0	12	0	0	2	0
JUN	87	57	.44	.55	55	800	S	8	47	7	11	2	0	0	0	15	2	14	0	0
JUL	89	55	.52	.60	60	700	S	7	41	6	11	2	0	0	0	19	5	23	0	0
AUG	91	60	.52	.60	60	550	S	6	54	7	10	2	0	0	0	17	3	19	0	0
SEP	89	60	.38	.51	51	700	S	7	56	7	10	2	0	0	0	17	1	7	1	0
OCT	83	58	.24	.39	39	950	S	8	52	7	9	2	0	0	1	15	0	1	0	0
NOV	78	62	.17	.31	31	1000	S	9	58	8	12	2	2	1	0	13	0	0	18	1
DEC	78	65	.11	.19	19	1100	WNW	9	58	7	12	2	0	0	0	12	0	0	28	11
ANN	82	58	.22	.37	37	950	S	8	58	7	135	23	37	11	2	151	11	70	149	48
YRS	9	9	v	v	9	9	9	9	10	9	36	36	36	36	36	36	36	36	36	36

REMARKS: NUMBER OF YEARS USED FOR
HOURLY OBS: JAN 73-DEC 81
DAILY OBS: JAN 46-DEC 81

NUMBER OBSERVED WITHIN: (1900-1979)

	A/B	JUL	AUG	SEP	OCT	ANN
60NM		0/0	0/0	0/0	0/0	0/0
(A) Hurricane	12ONM	0/0	0/2	0/0	0/0	0/2
(B) Tropical Storm	240NM	1/3	7/6	2/4	0/1	10/34

NOTE: * DATA NOT AVAILABLE # ARTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GSTS % PVLG. DIRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	36	27	28	22	21	23	16	23	26	22	31	35	26	
	03-05	36	30	29	25	25	31	24	33	33	27	33	35	30	
	06-08	36	30	34	29	29	32	26	40	40	30	36	39	33	
	09-11	33	27	31	25	23	26	20	29	30	29	33	36	29	
	12-14	30	24	27	24	18	15	10	22	21	23	28	33	23	
	15-17	25	22	25	19	14	14	8	17	16	19	26	26	19	
	18-20	28	25	27	19	15	14	10	15	17	17	23	29	20	
	21-23	32	26	28	19	15	15	12	17	18	18	26	34	22	
	ALL HRS	32	26	28	22	19	21	16	25	25	23	30	34	25	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	18	12	16	8	14	1	11	16	16	12	14	15	14	
	03-05	17	16	14	11	16	..	:	28	23	18	14	17	18	
	06-08	18	15	18	11	17	22	22	33	29	23	19	20	21	
	09-11	18	15	16	8	11	15	13	21	19	15	14	19	15	
	12-14	15	12	13	9	7	8	5	13	10	10	9	16	11	
	15-17	13	11	12	6	6	7	4	12	10	9	10	15	10	
	18-20	12	12	13	7	6	8	6	11	10	9	8	15	10	
	21-23	14	12	14	7	8	9	7	12	11	9	11	17	11	
	ALL HRS	15	13	15	8	11	13	11	19	16	13	13	17	14	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 1 MI	00-02	11	8	10	6	11	9	5	11	11	9	9	11	9	
	03-05	12	11	11	8	12	15	11	19	17	14	10	13	13	
	06-08	11	9	11	6	12	15	13	17	21	18	12	13	13	
	09-11	13	10	11	6	6	5	5	9	9	10	9	12	9	
	12-14	11	6	8	6	3	3	2	4	6	7	5	10	6	
	15-17	8	7	7	5	3	3	1	4	5	6	7	10	6	
	18-20	8	8	9	6	3	4	1	2	6	6	6	12	6	
	21-23	10	8	9	6	6	5	3	6	6	7	7	12	7	
	ALL HRS	10	9	10	6	7	7	5	9	10	10	8	12	9	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	1	1	0	0	0	1	1	1	2	1	2	1	
	03-05	1	0	1	1	1	1	2	3	5	4	2	3	2	
	06-08	1	1	1	1	0	1	1	3	5	6	3	2	2	
	09-11	1	0	0	0	0	0	0	0	0	1	2	1	0	
	12-14	1	:	0	0	0	0	0	0	0	0	1	2	0	
	15-17	1	1	1	0	0	0	0	0	0	0	0	2	0	
	18-20	1	2	0	0	0	0	0	0	0	0	1	2	1	
	21-23	1	1	1	0	0	0	0	0	0	1	2	2	1	
	ALL HRS	1	1	1	0	0	0	1	1	1	2	1	2	1	0

PREPARED: SEP 97 | STATION NAME: FT DRUM NEW YORK | ELEVATION: 600 FT | STATION ID: KGTB
OL-A/I,SAFETAC/AAS/MAC | LOCATION: N 44 03 W 075 44 | GMT TO LST: -5 | WSC # 743700

A W S CLIMATIC BRIEF FOR LIMITED UNIT STATIONS

CAUTION: MEANS AND EXTREMES BELOW ARE ONLY FOR THE HOURS 0600 - 1700 LST
PERIOD OF RECORD: JAN 78 - APR 97

M O N T H	TEMPERATURES DAILY MEAN HIGH (F)	AVG (F)	LOW (F)	RELATIVE HUMIDITY % LST 07	13	VAPOR PRESS (INS) HG	DEW PT (F)	PRESS ALT FEET 99.95%	SURFACE WINDS PREVLG OCTN 16PT	AVG MPH KTS	HIGH KTS	NO CEILING (%)
JAN	21	15	9	79	73	.17	11	1700	W	8	X	34
FEB	27	22	16	77	70	.20	15	1450	W	7	X	43
MAR	37	34	27	76	66	.24	20	1350	W	8	X	42
APR	54	47	40	74	62	.31	36	1500	W	9	X	42
MAY	65	57	49	75	59	.37	46	1250	W	8	X	49
JUN	73	66	57	76	59	.43	53	1250	W	7	X	47
JUL	79	71	63	79	56	.52	61	1100	W	7	X	55
AUG	77	69	61	84	61	.51	59	1000	W	6	X	48
SEP	68	61	53	85	65	.43	52	1150	WSW	7	X	43
OCT	56	49	42	85	65	.26	41	1350	W	7	X	39
NOV	44	39	34	84	72	.19	32	1400	W	8	X	27
DEC	30	26	21	84	76	.13	22	1550	W	8	X	19
ANN	53	46	39	80	65	.33	38	1400	W	7	X	41
YRS	12	12	12	9	9	9	9	9	9			9

THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION, THEREFORE THEY WERE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
TEMPERATURES														
EXT MAX (F)	62	61	83	86	89	94	96	96	95	83	75	66	96	25
MEAN (F)	20	21	33	44	56	65	70	68	60	50	39	26	46	25
EXT MIN (F)	-35	-31	-14	7	22	30	40	33	27	16	-12	-35	-35	25
PRECIPITATION														
MAX 24-HOUR	1.4	1.9	2.2	1.2	1.5	1.9	1.9	3.3	2.1	1.9	2.4	1.6	3.3	25
MAX MON (INS)	4.3	5.0	3.3	5.2	5.3	5.9	6.4	8.2	6.7	4.4	6.8	6.4	8.2	25
MEAN (INS)	2.3	2.2	2.4	2.8	2.6	2.6	2.2	2.9	3.0	2.0	2.9	2.9	30.	25
MIN MON (INS)	.5	.3	.2	.8	.7	.3	.3	.9	.9	.2	1.1	.3	.2	25
SNOWFALL														
MAX 24-HOUR	18	16	20	6	1	0	0	0	0	2	9	22	22	25
MAX MON (INS)	66	40	27	10	1	0	0	0	0	2	18	72	86	25
MEAN (INS)	24	14	9	2	0	0	0	0	0	0	6	22	77	25
MIN MON (INS)	0	0	1	0	0	0	0	0	0	0	0	0	0	25
PEAK WIND KTS	52	54	46	53	63	45	43	35	43	39	48	49	54	10
DAYS WITH														
THUNDERSTORMS	0	0	1	1	2	4	4	5	2	2	1	0	22	25
FOG	10	9	10	9	10	11	10	14	12	11	12	11	129	25
MEAS. PRECIP.	16	12	13	13	12	12	10	11	12	12	14	16	153	25

REMARKS: ---APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED---

NOTE: IN THE EXTREME SUPPLEMENTAL SECTION, .0 INDICATED ROUNDED VALUES BY ENDING THEM IN A DECIMAL.
DATA FOR THIS SITE WERE VERY LIMITED RANGING FROM 5 TO 21 DAYS (AVERAGE 18 TO 21 DAYS) PER MONTH WITH 9 TO 10 OBSERVATIONS AVAILABLE PER DAY.

SYMBOLS: * DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION @ AMOUNTS < UNITS SHOWN IN HEADING & SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS
CEILING LESS THAN 3300 FT AND/OR VISIBILITY LESS THAN 3 MI	00 - 04	41	32	28	26	21	25	16	30	27	31	34	48	30	9
	05 - 11	39	31	32	30	26	25	16	25	25	27	35	46	30	9
	12 - 14	38	32	31	30	21	20	13	20	24	23	38	43	28	9
	15 - 17	39	29	32	23	18	17	12	13	21	17	34	37	24	9
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00 - 04	25	19	18	16	14	15	13	24	16	18	21	27	19	9
	05 - 11	27	21	22	18	14	11	8	15	11	14	21	29	18	9
	12 - 14	26	19	18	17	10	6	7	7	8	11	21	25	14	9
	15 - 17	27	19	19	13	9	9	6	6	11	9	21	22	14	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00 - 04	17	12	13	12	10	9	9	14	9	12	15	20	13	9
	05 - 11	21	15	15	13	10	6	4	7	6	7	17	20	12	9
	12 - 14	21	12	12	13	7	4	4	5	5	6	15	17	10	9
	15 - 17	18	13	12	9	7	5	4	3	8	5	15	15	10	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00 - 04	4	3	2	1	0	1	1	1	1	2	3	4	2	9
	05 - 11	3	2	1	2	0	0	0	0	0	1	2	3	1	9
	12 - 14	2	1	2	1	0	0	0	0	0	1	1	2	1	9
	15 - 17	4	1	2	1	0	0	0	0	1	0	1	2	1	9

PREPARED BY USAFETAC
AUGUST 1976

STATION NAME: BUFFALO NY (GTR BUFFALO IAP)
LOCATION: N42 56 W078 44

PERIOD JAN 46-MAY 76
ELEV 723

STN LTRS BUF
WBAN NO 14733
WMO NO 72528

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (MB Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PTS)	SPEED MEAN (KTS)	SPEED MAX (KTS) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRED OF PRECIP ≥ 0.01 IN	PRECIP ≥ 0.5 IN	SNOWFALL ≥ 0.1 IN	SNOWFALL ≥ 1.5 IN	THUNDERSTORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	32	18	25	72	-12	2.9	6.5	1.0	1.7	21	48	15	79	72	.10	18	1400	W	12	61		20	1	16	5	#	12	0	0	28	2
FEB	33	18	26	64	-20	2.6	5.8	.8	2.1	17	54	14	80	70	.10	18	1500	WSW	12	71		17	1	14	3	#	11	0	0	26	1
MAR	41	26	34	78	-4	2.9	5.6	1.2	2.1	12	29	15	80	67	.14	25	1350	WSW	11	58		16	1	10	3	1	14	0	0	24	#
APR	55	36	46	87	12	3.0	5.9	1.3	1.5	3	19	6	77	56	.19	33	1350	WSW	11	56		15	2	3	1	3	14	0	1	11	0
MAY	66	46	56	90	26∂	3.0	6.4	1.2	1.7	#	1	1∂	80	58	.28	43	1250	WSW	9	56		13	2	#	0	3	15	#	3	1	0
JUN	76	56	67	95	36	2.6	6.1	.1	1.8	0	0	0	81	57	.44	55	1150	WSW	9	50		10	2	0	0	5	13	1	10		
JUL	81	61	71	94	46	2.9	6.4	1.0	3.4	0	0	0∂	82	55	.50	59	1150	WSW	9	49		10	2	0	0	5	13	2	10		
AUG	79	60	70	99	38	3.9	8.5	1.1	3.9	0	0	0	84	56	.50	59	1050	WSW	8	70		11	3	0	0	6	15	1	15		
SEP	72	53	63	98	32	2.9	6.4	.8	3.4	#	#	#	84	60	.40	53	1100	S	8	45		10	2	0	0	3	13	1	6	*	0
OCT	62	44	53	87	20	2.8	9.1	.3	2.6	#	3	2	82	62	.28	43	1250	S	9	55		11	2	#	#	2	13	0	1	2	0
NOV	47	34	41	80	7	3.9	6.4	1.8	2.1	12	29	16	92	73	.20	34	1400	W	10	52		16	2	6	2	1	14	0	#	14	0
DEC	36	23	30	66	-8	3.1	5.8	1.7	1.4	19	36	18	93	77	.13	24	1350	W	11	60		20	2	14	4	#	13	0	0	29	1
ANN	57	40	48	99	-20	30.5	9.1	.1	3.9	84	54	18	81	64	.24	38	1300	WSW	10	71		169	22	63	18	29	59	5	57	133	*
YR	30	30	30	30	30	30	30	30	30	30	30	30			10	10	10	10	10	10		30	30	30	30	30	30	30	30	30	30

REMARKS: RUSSWO POR:
HRLY OBS: JUN 66-MAY 76
DAILY OBS: JAN 46-MAY 76

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GRTR % PVLG ORCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	53	53	39	28	23	17	13	20	25	28	55	59	34	10
	03-05	52	54	36	28	28	22	18	21	28	28	50	60	35	9
	06-08	54	54	41	31	33	31	28	36	32	30	50	58	40	10
	09-11	57	52	41	39	40	29	31	38	40	37	54	58	44	10
	12-14	59	61	41	36	32	23	24	30	36	34	59	62	42	10
	15-17	52	54	46	27	24	14	13	21	24	26	50	57	34	10
	18-20	49	47	43	22	17	12	11	20	19	22	47	53	30	10
	21-23	52	50	41	23	20	13	9	16	19	25	51	60	32	10
	ALL HRS	54	53	44	29	27	20	18	25	28	29	52	58	36	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	26	27	20	16	14	9	6	11	13	12	29	26	17	10
	03-05	27	28	22	18	19	13	12	12	15	15	27	29	20	9
	06-08	30	32	27	23	20	22	21	28	21	18	26	34	25	10
	09-11	36	32	31	22	20	14	16	24	22	16	32	33	25	10
	12-14	29	31	25	18	16	11	11	14	14	12	29	33	20	10
	15-17	27	29	25	16	14	6	10	13	11	11	26	28	18	10
	18-20	24	27	26	13	10	8	8	15	10	11	24	23	17	10
	21-23	23	29	23	15	12	9	5	11	9	11	28	24	17	10
	ALL HRS	28	29	25	18	16	12	11	16	14	13	28	29	20	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	17	15	14	12	11	5	4	4	8	8	18	14	11	10
	03-05	15	18	17	14	14	8	5	7	11	10	17	18	13	9
	06-08	16	20	20	16	9	13	6	9	10	11	14	19	14	10
	09-11	20	18	19	13	11	6	5	7	10	9	18	20	13	10
	12-14	16	16	18	12	9	5	3	4	6	6	18	19	11	10
	15-17	17	17	16	13	8	3	4	4	4	6	18	17	11	10
	18-20	15	17	17	10	7	4	2	4	5	8	15	13	10	10
	21-23	14	18	17	12	9	5	2	3	7	7	18	15	11	10
	ALL HRS	16	17	17	13	10	6	4	5	8	8	17	17	12	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	1	2	2	1	#	0	1	1	2	1	1	10
	03-05	#	2	1	2	2	#	1	1	2	1	3	1	1	9
	06-08	1	2	2	2	#	1	1	1	2	1	3	1	1	10
	09-11	1	1	2	1	#	0	0	#	0	1	1	1	1	10
	12-14	1	1	#	1	1	0	0	0	0	0	1	1	1	10
	15-17	1	1	1	1	#	0	0	0	0	0	1	1	1	10
	18-20	1	0	4	1	1	0	0	0	#	0	#	#	1	10
	21-23	1	#	3	1	2	0	0	0	0	0	1	1	1	10
	ALL HRS	1	1	2	1	1	#	#	#	1	1	2	1	1	

A W S	STATION NAME: GRIFFISS AFB NY	FIELD ELEV: 504 FT
	LATITUDE/LONGITUDE: 43 14 N 075 24 W	STATION MSC: 725196
CLIMATIC BRIEF	HOURLY OBS POR: AUG 79 - JUL 89	CALL SIGN: KRME
	SUMMARY OF DAY POR: JUL 42 - JUL 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: JAN 85
APR 90	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	66	62	85	87	93	99	100	97	100	87	79	71	100	48
MEAN MAX TEMP (F)	29	31	40	55	67	76	81	79	71	60	46	33	56	48
MEAN TEMP (F)	20	22	32	45	56	65	70	68	60	50	39	26	46	48
MEAN MIN TEMP (F)	12	13	23	34	45	54	58	57	50	39	31	18	36	48
EXTRM MIN TEMP (F)	-30	-33	-27	0	19	32	38	35	26	16	1	-26	-33	48
D/W TEMP GE 90 (F)	0	0	0	0	1	1	3	2	1	0	0	0	8	48
D/W TEMP GE 80 (F)	0	0	#	1	4	11	19	15	5	1	0	0	56	48
D/W TEMP LT 33 (F)	29	26	25	14	3	#	0	0	1	7	17	28	150	48
D/W TEMP LT 0 (F)	6	5	1	0	0	0	0	0	0	0	0	3	15	48
HEATING DEGREE DAYS	1371	1197	1015	606	292	86	17	37	179	467	770	1199	7236	47
COOLING DEGREE DAYS	0	0	#	2	22	92	179	144	48	3	#	0	490	47
MEAN DEWPOINT TEMP (F)	12	16	22	34	45	53	59	58	52	40	32	21	37	10
MEAN WET BULB TEMP (F)	19	22	29	41	51	58	63	62	55	44	36	26	42	10
99.95% WCPA (FT)	1350	1250	1300	1200	1000	1000	850	850	950	1150	1200	1200	1150	10
MEAN REL HUM 07 LST(%)	69.8	72.4	72.9	73.2	73.6	78.3	78.6	83.0	84.4	79.8	78.4	77.0	76.8	10
MEAN REL HUM 13 LST(%)	62.2	60.0	57.1	54.9	52.9	55.3	53.3	57.9	61.0	59.7	66.1	67.6	59.0	10
MAX 24HR PRECIP (IN)	2.18	2.10	2.90	2.14	2.69	3.71	3.91	2.61	3.48	2.98	3.05	3.00	3.91	48
MAX PRECIP (IN)	8.12	7.98	6.42	8.36	7.11	9.90	7.51	7.87	9.81	8.69	8.69	7.19	57.83	48
MEAN PRECIP (IN)	3.81	3.33	3.32	3.67	3.78	3.85	3.84	3.53	4.01	3.37	4.26	4.13	44.84	48
MIN PRECIP (IN)	1.09	.65	.80	1.47	.81	.88	1.36	1.38	.77	.30	1.56	.90	36.85	48
D/W PRECIP GE .01 (IN)	19	16	16	14	13	12	11	11	11	12	17	19	171	48
D/W PRECIP GT .50 (IN)	2	2	2	2	2	3	3	2	3	2	3	2	28	48
MAX 24HR SNFL (IN)	25.1	24.2	12.6	9.3	3.0	0	0	0	0	.6	7.4	17.2	25.1	44
MAX SNFL (IN)	78.0	46.3	40.9	16.8	3.6	0	0	0	0	.7	20.8	53.9	180.6	44
MEAN SNFL (IN)	28.0	23.4	15.7	2.7	.2	0	0	0	0	.1	7.8	25.1	104.3	44
D/W SNFL GE .1 (IN)	16	14	10	2	1	0	0	0	0	1	5	15	64	44
D/W SNFL GE 1.5 (IN)	6	5	3	1	#	0	0	0	0	0	2	6	23	44
MAX DLY SNO DEPTH (IN)	36	53	40	10	#	0	0	0	0	1	12	30	53	44
PRVLNG WND DIR (DEG)	29-31	$29-31	29-31	29-31	$29-31	$29-31	$29-31	$11-13	$11-13	$11-13	29-31	11-13	$29-31	10
MEAN WND SPD (KTS)	6	6	6	6	5	4	4	3	4	5	6	6	5	10
MAX WND SPD (KTS)	59	58	66	56	60	73	51	56	60	66	52	49	73	44
SKY COVER GT 5/10 (%)	75.0	75.4	69.0	67.9	66.0	64.0	56.0	61.1	61.0	68.4	79.0	82.4	69.1	10
D/W THUNDERSTORMS	1	1	1	2	4	7	7	7	3	1	1	1	36	40
D/W FOG (VSBY LT 7 MI)	12	11	13	13	14	15	17	18	18	15	15	14	175	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	34.2	32.9	33.5	24.4	16.6	15.6	9.9	11.8	19.3	22.7	30.1	40.2	24.3	10
	03 - 05	36.9	35.1	35.5	27.9	21.6	24.0	17.6	22.2	24.0	25.3	34.9	41.6	28.9	10
CIG	06 - 08	38.5	38.3	36.0	30.8	22.0	24.3	21.5	24.9	28.8	28.8	36.1	37.8	30.6	10
LT 3000 FT	09 - 11	37.5	35.0	35.3	31.4	18.8	20.2	11.5	15.5	20.4	26.8	34.0	37.0	26.9	10
AND/OR	12 - 14	36.5	30.5	30.2	27.0	17.1	15.0	8.8	9.2	18.0	21.9	33.4	36.1	23.6	10
VSBY	15 - 17	37.0	31.4	27.3	24.6	13.9	12.7	8.2	7.7	15.8	17.8	31.3	37.4	22.1	10
LT 3 MI	18 - 20	35.6	29.7	26.2	20.0	10.5	10.0	7.2	7.1	14.2	13.5	27.7	38.3	20.0	10
	21 - 23	35.1	32.4	30.2	18.6	11.1	11.8	6.8	8.7	15.2	16.6	29.1	40.0	21.3	10
	ALL	36.4	33.2	31.8	25.6	16.5	16.7	11.4	13.4	19.5	21.7	32.1	38.6	24.7	10
	00 - 02	18.8	18.5	14.5	11.6	7.4	7.3	7.0	8.8	11.7	10.3	15.1	18.5	12.5	10
	03 - 05	17.6	18.0	17.1	13.6	12.7	14.7	13.8	17.5	15.4	12.2	15.0	19.7	15.6	10
CIG	06 - 08	18.2	21.7	18.3	14.8	12.4	14.3	14.8	17.8	17.8	15.5	15.9	16.2	16.5	10
LT 1500 FT	09 - 11	21.8	20.7	16.2	11.0	7.3	9.2	4.7	7.1	10.2	11.2	15.7	20.9	13.0	10
AND/OR	12 - 14	21.7	14.3	13.3	8.9	5.4	5.7	3.5	3.2	5.9	6.0	14.0	18.8	10.1	10
VSBY	15 - 17	18.5	14.6	11.3	7.2	5.2	2.8	3.4	4.3	6.0	5.6	14.2	19.4	9.4	10
LT 3 MI	18 - 20	15.6	15.5	12.6	8.3	5.1	4.2	3.3	4.2	5.1	5.5	13.4	17.2	9.2	10
	21 - 23	17.2	17.0	13.5	5.9	4.5	5.6	3.8	6.2	6.2	7.8	15.4	17.8	10.1	10
	ALL	18.7	17.5	14.6	10.2	7.5	8.0	6.8	8.7	9.8	9.3	14.8	18.6	12.0	10
	00 - 02	9.5	9.2	7.3	5.1	4.7	4.3	3.8	3.9	6.6	5.1	8.2	9.5	6.4	10
	03 - 05	9.2	10.6	8.9	7.8	7.4	7.4	6.7	8.3	8.8	7.0	8.2	11.3	8.5	10
CIG	06 - 08	10.0	12.8	11.2	8.6	6.2	6.3	6.3	8.7	8.7	8.3	8.1	8.8	8.7	10
LT 1000 FT	09 - 11	13.0	12.4	9.6	4.0	2.8	2.8	1.0	1.7	4.4	4.9	7.9	12.5	6.4	10
AND/OR	12 - 14	13.2	8.0	7.8	3.9	2.7	1.2	1.4	1.0	1.8	2.4	7.9	11.2	5.2	10
VSBY	15 - 17	11.0	8.7	6.7	3.1	3.1	1.0	1.7	1.2	2.6	1.7	8.9	11.7	5.1	10
LT 2 MI	18 - 20	7.7	9.0	7.6	3.2	3.0	1.6	1.0	.5	2.6	2.0	7.4	8.7	4.5	10
	21 - 23	7.4	9.8	7.5	3.4	2.4	3.2	1.2	1.3	2.6	3.1	9.1	8.3	4.9	10
	ALL	10.1	10.1	8.3	4.9	4.0	3.5	2.9	3.3	4.7	4.3	8.2	10.2	6.2	10
	00 - 02	.2	.9	.0	.2	.6	.6	.8	.5	2.2	1.6	.0	.2	.6	10
	03 - 05	.5	.6	.5	.7	1.2	1.3	2.7	2.4	2.1	2.0	.6	.6	1.3	10
CIG	06 - 08	.6	.8	1.4	.8	1.3	.3	1.3	1.7	.9	1.7	.6	1.2	1.0	10
LT 200 FT	09 - 11	.4	.6	.9	.1	.0	.0	.0	.0	.0	.4	.2	1.4	.3	10
AND/OR	12 - 14	.4	.7	1.0	.0	.0	.1	.0	.0	.0	.0	.0	1.3	.3	10
VSBY	15 - 17	1.0	.6	.4	.0	.0	.0	.0	.0	.0	.0	.4	.9	.3	10
LT 1/2 MI	18 - 20	.5	.6	.4	.1	.0	.0	.0	.0	.0	.0	.2	.6	.2	10
	21 - 23	.1	1.1	.1	.0	.1	.2	.0	.1	.2	1.0	.4	.2	.3	10
	ALL	.5	.7	.6	.2	.4	.3	.6	.6	.7	.8	.3	.8	.5	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JUN	JUL	AUG	SEP	OCT	ANN
60NM	0/0	0/0	0/3	0/0	0/0	0/3
120NM	0/1	0/0	0/4	0/1	0/0	0/6
240NM	0/1	1/2	3/9	3/9	0/1	7/22

REMARKS : @

AWS CLIMATIC BRIEF

JOHN F. KENNEDY/N.Y. INTL/IDLEWILD/NEW YORK — PERIOD: 1948-70B — WBAN # 94789, WMO # 74486

Prepared by ETAC (APR 1971) N 40 38 W 73 47 — ELEVATION: 22 ft — STN LTRS: KJFK

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN				99.95% (Feet)	MEAN NUMBER OF DAYS						TEMPERATURE (°F)				MEAN CLOUD (Tenths)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (Max) SPEED (Wind)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWALL ≥ 0.1	SNOWALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 Miles)	MAXIMUM ≤ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	
JAN	69	38	26	0	3.2	1.6	7	13	WNW	11	45	71	62	23	.12	800	10	3	3	2	#	12	0	0	25	#	6
FEB	62	39	25	-2	2.9	2.9	9	20	NW	12	40	71	60	23	.12	850	10	3	4	2	#	11	0	0	24	#	6
MAR	72	46	31	7	4.2	2.3	5	8	NW	12	47	72	58	27	.15	750	12	1	3	1	1	9	0	0	15	0	6
APR	82	58	40	26	3.5	1.8	#	1	S	11	40	76	56	38	.23	750	11	1	1	0	2	12	0	#	2	0	6
MAY	99	70	51	34	3.7	2.9	#	#	S	10	33	79	56	47	.32	550	11	2	0	0	3	14	1	4	0	0	6
JUN	99	79	61	45	3.4	1.8	0	0	S	10	47	82	58	58	.49	500	9	#	0	0	4	6	3	12	0	0	6
JUL	104	85	67	55	4.0	3.2	0	0	SSW	9	33	82	58	63	.58	400	9	3	0	0	5	14	4	27	0	0	6
AUG	101	83	66	46	5.0	6.6	0	0	SSW	9	40	83	59	63	.58	400	9	3	0	0	5	12	2	20	0	0	6
SEP	94	76	59	40	4.2	5.8	0	0	S	9	40	82	57	56	.45	450	8	1	0	0	2	10	1	6	0	0	5
OCT	84	66	49	25	3.2	3.2	#	1	SW	10	47	80	56	47	.32	550	7	2	#	0	1	6	0	2	1	0	5
NOV	73	53	39	20	3.5	2.9	#	2	WSW	11	>56	75	59	36	.21	700	11	2	1	#	1	12	0	0	6	0	6
DEC	68	41	28	5	3.2	2.1	6	8	W	11	47	73	62	26	.14	750	11	3	3	2	#	14	0	0	21	0	6
ANN	104	61	45	-2	44.0	6.6	28	20	S	10	>56	77	58	42	.27	650	118	24	15	7	24	132	11	71	94	#	6
EYR	12	30	30	12	30	23	12	14	17	17	17	17	17	17	17	16	12	2	2	2	12	2	9	2	9	9	17

REMARKS: [1]CLIMAT NORMALS (1931-60)

[2]MEANS & EXT from 1970 NOAA/EDS LCD Annual Summary

[3]Refers to HIGHEST HRLY WIND SPEED class interval

RUSSWO POR: HRLY OBS: Jul 48 - Jun 65 (1900-70)
DAILY OBS: Jul 48 - May 50, Jun-Jun 65

No Obsd within:	Jun A/B	Jul A/B	Aug A/B	Sep A/B	Oct A/B	Nov A/B	Dec A/B	Ann A/B
(POR:) 60 MI	0/0	1/0	3/1	7/4	0/0	0/0	0/0	11/5
120 MI	1/0	3/1	9/5	10/7	0/0	0/0	0/0	23/13
240 MI	2/0	5/2	19/9	28/17	6/2	1/1	1/0	62/31

(A) Hurricanes/Tropical Storms (B) Hurricanes only

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	24	23	19	21	22	20	17	19	19	19	19	21	20	
	03 - 05	24	23	22	23	27	25	25	26	24	21	20	21	23	
	06 - 08	27	26	25	25	30	29	31	34	31	30	25	24	28	
	09 - 11	27	25	24	23	24	20	22	24	22	23	24	25	24	
	12 - 14	24	23	23	19	18	15	13	15	15	15	20	23	19	
	15 - 17	21	20	22	17	15	12	11	11	13	12	18	22	16	
	18 - 20	20	20	19	18	15	13	12	14	14	13	17	21	16	
	21 - 23	21	22	19	19	18	16	14	17	15	15	18	22	18	
	ALL HOURS	23	23	22	21	21	19	18	20	19	19	20	22	21	17
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	18	16	15	17	18	17	14	15	13	13	13	16	15	
	03 - 05	19	16	18	19	23	22	21	22	17	16	14	16	19	
	06 - 08	21	20	21	20	26	24	27	28	[illegible]	23	18	19	23	
	09 - 11	22	20	19	18	18	16	14	16	14	17	16	19	17	
	12 - 14	18	17	17	13	13	11	8	8	9	9	13	18	13	
	15 - 17	16	16	17	12	12	9	7	7	7	8	12	16	12	
	18 - 20	14	15	14	14	12	11	9	11	8	8	12	14	12	
	21 - 23	15	16	15	16	14	13	11	13	10	11	12	16	13	
	ALL HOURS	18	17	17	16	17	16	14	15	13	13	14	17	16	17
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	12	13	12	12	15	14	9	10	7	9	9	11	11	
	03 - 05	14	13	15	15	18	15	12	13	11	10	10	12	13	
	06 - 08	16	15	16	16	18	16	15	15	16	13	11	14	15	
	09 - 11	15	15	15	12	12	9	7	8	8	9	10	14	11	
	12 - 14	13	13	13	9	8	6	5	4	4	5	8	12	8	
	15 - 17	11	12	12	9	9	7	4	4	5	4	7	12	8	
	18 - 20	11	12	11	10	10	8	6	7	6	5	8	10	9	
	21 - 23	12	12	11	11	12	12	8	9	6	6	7	11	10	
	ALL HOURS	13	13	13	12	13	11	8	9	8	8	9	12	11	17
CIG less than 200 feet and / or VSBY less than ¼ mile	00 - 02	3	3	1	3	3	3	1	1	1	2	1	2	2	
	03 - 05	3	2	2	2	5	4	3	1	1	2	2	2	2	
	06 - 08	4	2	2	3	3	3	1	1	1	2	1	2	2	
	09 - 11	3	1	2	1	1	1	#	#	#	1	2	2	1	
	12 - 14	3	2	2	1	#	#	#	0	0	0	1	2	1	
	15 - 17	2	2	1	2	#	#	#	0	#	#	1	2	1	
	18 - 20	2	2	1	2	2	1	#	#	1	#	1	1	1	
	21 - 23	3	3	1	2	2	2	1	1	1	1	1	2	2	
	ALL HOURS	3	2	2	2	2	2	1	1	1	1	1	2	2	17

A W S CLIMATIC BRIEF October 1987	Station Name: NIAGARA FALLS IAP NY Latitude/Longitude: N43 06 W078 57 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Jun 51 to Jun 60 Oct 61 to Jul 64 LST = GMT -5 Nov 68 to Jun 87	Field Elev: 590 ft Station MSC: 725287 Call Sign: KIAG Supersedes Apr 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	57	64	79	84	92	93	95	93	96	84	79	71	96	30
MEAN MAX TEMP °F	30	32	41	55	66	76	81	79	71	60	47	35	56	30
MEAN TEMP °F	24	26	33	46	57	66	71	70	62	52	41	30	48	30
MEAN MIN TEMP °F	17	19	26	36	46	56	62	60	53	43	34	24	40	30
XTRM MIN TEMP °F	-16	-17	-8	12	29	33	46	40	30	23	-2	-8	-17	30
D/W TEMP ≥ 85°F	0	0	0	0	1	3	9	5	2	0	0	0	20	30
D/W TEMP ≥ 80°F	0	0	0	1	3	10	18	15	5	#	0	0	52	30
D/W TEMP ≤ 32°F	29	25	24	10	1	0	0	0	#	3	13	25	130	30
D/W TEMP ≤ 10°F	7	6	1	0	0	0	0	0	0	0	#	3	17	30
VPR PRESS ("Hg)	.10	.10	.14	.20	.30	.42	.52	.52	.42	.27	.20	.13	.24	10
MEAN DEWPOINT °F	17	18	25	35	45	54	60	60	54	42	34	24	39	10
99.95% WCPA Ft	1500	1300	1350	1300	1100	1050	950	900	1000	1200	1250	1350	1200	10
MEAN RH 07 LST %	80	80	79	76	75	76	78	82	83	82	79	80	79	10
MEAN RH 13 LST %	74	71	64	59	56	56	55	60	62	62	69	73	63	10
MAX 24HR PRECIP "	1.4	3.1	2.3	1.6	1.9	2.5	2.0	3.2	4.4	2.4	1.7	1.3	4.4	30
MAX PRECIP "	4.6	4.5	5.0	4.7	6.5	4.9	5.8	9.0	7.9	7.2	7.5	4.7	9.0	30
MEAN PRECIP "	2.5	2.3	2.8	2.9	2.9	2.8	2.6	3.6	3.1	2.8	3.2	3.2	34.7	30
MIN PRECIP "	1.2	.6	.8	1.1	.7	.2	#	.8	1.1	.3	1.1	1.1	#	30
D/W PRECIP ≥ .01"	18	15	14	13	11	10	9	10	10	11	15	18	154	30
D/W PRECIP ≥ .5"	1	1	2	2	2	2	2	2	2	2	1	1	20	30
MAX 24HR SNFL "	11	16	10	6	#	0@	0	0	#	3@	10	10	16	30
MAX SNFL "	41	39	24	12	#	0	0	0	#	3	26	53	53	30
MEAN SNFL "	18	14	9	3	#	0	0	0	#	#	6	17	67	30
D/W SNFL ≥ .1"	15	12	8	2	#	0	0	0	0	#	4	12	53	30
D/W SNFL ≥ 1.5"	4	3	2	1	0	0	0	0	0	#	1	4	15	30
MEAN WND DRCTN	W	WSW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	10
MEAN WND SPD Kts	11	10	10	9	8	8	8	7	8	8	10	10	9	10
MAX WND SPD** Kts	58	51@	60	51	56	42@	48@	42	38	39@	56@	45	60	4
MEAN CLD CVR 10th	9	8	8	7	7	6	6	7	7	7	8	9	7	10
D/W TSTORMS	#	#	1	3	3	6	6	6	4	1	1	#	31	30
D/W FOG VSBY <7mi	14	14	15	13	14	14	15	18	16	14	15	15	177	30

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available $ = Percentage of calm winds ≥ mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	JUN	JUL	AUG	SEP	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/0	0/0	0/0	0/0
Within 240NM	0/1	0/0	0/4	0/1	0/6

A W S CLIMATIC BRIEF October 1987	Station Name: NIAGARA FALLS IAP NY Latitude/Longitude: N43 06 W078 57 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Jun 51 to Jun 60 Oct 61 to Jul 64 LST = GMT -5 Nov 68 to Jun 87	Field Elev: 590 ft Station MSC: 725287 Call Sign: KIAG Supersedes: Apr 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	53	43	32	20	16	13	9	15	18	20	35	47	27	
	03-05	57	44	33	25	19	18	16	19	20	22	35	46	30	
CIG/VSBY	06-08	59	49	37	28	22	23	20	26	28	27	35	50	34	
	09-11	58	47	38	28	20	19	18	22	25	27	37	53	33	
LESS THAN	12-14	53	47	36	28	17	15	13	19	22	25	39	53	31	
	15-17	51	42	30	23	15	10	8	11	15	17	36	50	26	
3000/3	18-20	49	38	29	19	12	9	6	10	15	17	35	48	24	
	21-23	50	39	29	20	11	11	7	11	16	18	35	48	25	
	00-24	54	44	33	24	17	15	12	17	20	22	36	49	29	10
	00-02	27	22	17	11	10	7	6	11	11	11	15	20	14	
	03-05	28	22	17	13	14	12	12	15	12	13	16	21	16	
CIG/VSBY	06-08	32	26	22	17	14	17	16	21	19	17	17	24	20	
	09-11	38	30	22	13	11	10	9	10	14	13	20	25	18	
LESS THAN	12-14	29	25	16	10	7	6	5	8	9	10	18	27	14	
	15-17	29	21	14	9	5	5	4	5	7	8	17	26	13	
1500/3	18-20	25	20	14	9	6	6	4	6	9	8	14	23	12	
	21-23	24	21	16	9	7	6	4	7	11	9	15	22	13	
	00-24	29	23	17	11	9	9	8	10	12	11	17	24	15	10
	00-02	18	14	14	7	8	4	3	5	7	9	11	14	10	
	03-05	20	14	13	9	9	8	7	7	9	9	12	14	11	
CIG/VSBY	06-08	18	16	15	12	11	9	9	10	12	11	12	16	13	
	09-11	21	20	13	8	6	5	4	3	8	9	12	18	11	
LESS THAN	12-14	16	16	11	7	3	3	2	3	5	7	11	18	9	
	15-17	18	14	9	5	4	3	2	2	4	5	10	18	8	
1000/2	18-20	15	13	10	6	4	3	2	2	5	6	10	17	8	
	21-23	16	12	11	6	6	4	2	3	6	6	10	16	8	
	00-24	18	15	12	8	6	5	4	4	7	8	11	16	10	10
	00-02	2	4	2	#	1	#	#	1	2	3	1	3	2	
	03-05	2	4	3	1	3	1	1	2	2	3	1	3	2	
CIG/VSBY	06-08	2	3	2	2	2	1	1	2	2	4	2	2	2	
	09-11	1	1	2	1	0	0	0	0	#	2	1	2	1	
LESS THAN	12-14	1	3	1	#	#	0	0	0	0	#	1	3	1	
	15-17	2	3	1	0	0	0	0	0	#	#	1	3	1	
200/½	18-20	2	2	1	#	#	0	0	0	#	1	1	2	1	
	21-23	1	3	2	1	#	#	#	0	1	2	1	3	1	
	00-24	2	3	2	1	1	#	#	1	1	2	1	3	1	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NIAGARA FALLS IAP, NY | STATION #: 725287 | ICAO: IAG
LOCATION: 4306N 7857W | ELEVATION (FEET): 591 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	59	64	79	91	92	94	98	97	90	81	78	71	98
MEAN DAILY MAX	1	31	32	43	55	67	75	81	79	70	59	48	35	56
MEAN	1	25	25	34	45	57	66	72	70	62	51	41	30	48
MEAN DAILY MIN	1	18	19	27	36	47	56	62	61	53	43	35	23	40
EXTREME MIN	1	-12	-15	-6	9	28	38	48	40	32	22	8	-12	-15
# DAYS GE 90	1	0	0	0	#	#	#	2	1	#	0	0	0	4
# DAYS LE 32	1	28	25	22	9	1	0	0	0	#	3	11	25	124
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	0	0	#	3
2. PRECIPITATION (INCHES)														
MAXIMUM	2	4.6	4.5	5.0	4.7	6.5	4.9	5.8	9.0	7.9	7.2	7.5	4.7	*
MEAN	2	2.5	2.3	2.8	2.9	2.9	2.8	2.6	3.6	3.1	2.8	3.2	3.2	34.7
MINIMUM	2	1.2	0.6	0.8	1.1	0.7	0.2	#	0.8	1.1	0.3	1.1	1.1	*
MAX 24 HR	2	1.4	3.1	2.3	1.6	1.9	2.5	2.0	3.2	4.4	2.4	1.7	1.3	4.4
# DAYS W/PRECIP	1	28	24	21	19	17	15	13	14	15	17	21	26	230
# DAYS GE 0.5	2	1	1	2	2	2	2	2	2	2	2	1	1	20
3. SNOWFALL (INCHES)														
MEAN	2	18	14	9	3	#	0	0	0	#	#	6	17	67
MAXIMUM	2	41	39	24	12	#	0	0	0	#	3	26	53	*
MAX 24 HR	2	11	16	10	6	#	0	0	0	#	3	10	10	16
# DAYS W/SNOW	1	24	20	13	6	0	0	0	0	0	1	8	22	94
# DAYS GE 1.5	2	4	3	2	1	0	0	0	0	0	#	1	4	15
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	78	79	79	78	82	84	85	86	85	81	77	78	81
RH (15 LST)	1	70	69	62	56	54	54	53	57	59	60	66	71	61
VAPOR PRESS	1	.11	.12	.15	.22	.33	.45	.55	.55	.43	.28	.21	.14	.29
DEWPOINT	1	18	18	26	34	45	54	60	60	53	42	33	23	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW
MEAN SPEED (PVLG DRCTN)	1	13	12	12	11	10	10	9	9	10	11	12	12	11
MEAN SPEED (ALL OBS)	1	11	10	10	10	9	8	8	7	8	9	10	11	9
MAX PEAK GUST	1	65	52	59	60	51	54	53	46	53	49	95	53	95
PRESSURE ALT	2	1500	1300	1350	1300	1100	1050	950	900	1000	1200	1250	1350	1500
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	7	6	6	5	5	5	5	5	6	6	7	(
DAYS TSTMS	1	#	#	1	2	3	7	6	6	5	2	1	#	3
DAYS FOG LT 7	1	13	13	15	13	13	14	15	17	15	13	14	13	16
DAYS BNBD LT 7	1	0	0	0	#	0	0	0	0	0	0	0	0	(

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(NIAGARA FALLS IAP, NY)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MON

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 1

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	54	48	35	24	20	15	12	17	23	24	38	52
03-05 LST	57	51	37	27	25	22	18	25	25	28	38	50
06-08 LST	59	55	41	32	29	28	27	33	34	33	42	54
09-11 LST	56	52	42	31	27	24	23	27	31	34	43	56
12-14 LST	54	52	39	30	22	20	20	25	27	30	44	54
15-17 LST	52	48	36	26	19	13	12	17	19	22	40	53
18-20 LST	51	43	34	22	16	11	11	17	19	22	38	50
21-23 LST	52	45	33	22	17	13	9	16	19	22	38	52
ALL HOURS	54	49	37	27	22	18	16	22	25	27	40	53

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	28	29	20	13	12	9	9	13	14	13	17	25
03-05 LST	29	30	21	16	16	16	15	19	15	15	18	27
06-08 LST	34	34	26	21	20	22	24	28	25	22	20	29
09-11 LST	39	35	27	17	15	15	16	18	19	18	23	32
12-14 LST	33	31	22	13	11	10	10	13	13	12	22	31
15-17 LST	31	26	20	12	8	7	7	10	9	12	18	30
18-20 LST	26	24	19	12	9	8	9	13	12	10	17	26
21-23 LST	26	24	18	12	10	8	6	11	12	11	16	25
ALL HOURS	31	29	22	15	13	12	12	16	15	14	19	28

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	17	17	14	10	9	5	.4	6	8	10	12	16
03-05 LST	19	18	13	11	11	9	8	10	10	11	12	16
06-08 LST	21	20	17	13	13	11	10	13	14	14	13	17
09-11 LST	23	23	17	10	9	6	5	5	9	10	14	'0
12-14 LST	18	19	14	8	6	3	3	3	5	8	13	18
15-17 LST	18	15	12	8	5	2	2	2	5	7	10	18
18-20 LST	16	15	12	8	5	4	2	3	6	7	10	16
21-23 LST	17	16	13	9	7	4	2	4	6	7	10	16
ALL HOURS	18	18	14	10	8	6	5	6	8	9	12	17

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	2	4	4	1	2	2	1	1	2	3	2	3
03-05 LST	3	4	4	2	3	3	1	2	3	3	3	3
06-08 LST	2	4	4	3	3	2	1	2	2	4	3	3
09-11 LST	2	3	3	1	1	#	#	#	1	2	1	3
12-14 LST	2	3	2	1	#	0	#	#	#	#	1	3
15-17 LST	3	3	2	0	#	#	0	#	#	1	1	3
18-20 LST	2	2	2	1	1	#	#	#	1	2	2	2
21-23 LST	2	4	2	1	1	1	#	#	1	2	2	3
ALL HOURS	2	3	3	1	1	1	#	1	1	2	2	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NIAGARA FALLS IAP, NY | STATION #: 725287 | ICAO: IAG
LOCATION: 4306N 7857W | ELEVATION (FEET): 591 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	1	1	2	3	2	2	#	#	0	1
03-05 LST	#	0	#	#	1	2	3	2	1	#	#	0	1
06-08 LST	#	0	#	1	#	2	2	2	1	#	#	#	1
09-11 LST	#	0	#	#	#	1	1	1	1	#	#	0	0
12-14 LST	0	0	0	#	1	3	2	2	1	#	#	#	1
15-17 LST	#	0	#	1	1	2	3	2	1	#	#	0	1
18-20 LST	#	#	#	#	1	2	2	2	2	1	#	#	1
21-23 LST	0	0	#	1	1	3	2	2	2	#	#	0	1
ALL HOURS	13	#	#	1	1	2	2	2	1	#	#	#	2

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	11	16	13	8	6	7	11	13	14	9	10
03-05 LST	7	7	10	13	12	7	6	7	11	15	15	11	10
06-08 LST	7	8	10	12	14	8	7	7	13	14	14	11	10
09-11 LST	6	7	11	12	13	7	6	6	11	13	14	10	10
12-14 LST	7	7	10	11	11	8	6	7	8	11	15	11	10
15-17 LST	6	8	12	13	11	9	5	6	7	13	18	11	10
18-20 LST	6	9	11	12	11	8	5	6	9	13	18	11	10
21-23 LST	7	9	10	13	12	9	6	6	9	12	16	10	10
ALL HOURS	7	8	11	13	12	8	6	6	10	13	15	10	10

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	32	16	6	#	0	0	0	0	#	8	27	11
03-05 LST	39	34	16	7	#	0	0	0	0	1	9	27	11
06-08 LST	38	36	17	6	#	0	0	0	0	1	8	27	11
09-11 LST	37	33	16	6	#	0	0	0	0	#	9	28	11
12-14 LST	34	30	14	5	#	0	0	0	0	#	9	27	10
15-17 LST	32	26	14	6	#	0	0	0	0	#	7	25	9
18-20 LST	35	25	14	4	#	0	0	0	0	#	8	24	9
21-23 LST	36	30	14	6	#	0	0	0	0	#	7	26	10
ALL HOURS	36	31	15	6	#	0	0	0	0	#	8	26	10

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	4	4	2	#	#	#	1	3	6	10	4
03-05 LST	10	7	5	4	1	1	1	#	1	3	6	8	4
06-08 LST	12	6	5	5	2	1	1	#	1	3	6	9	4
09-11 LST	15	8	9	8	5	3	2	1	3	7	10	11	7
12-14 LST	19	9	12	11	8	5	3	2	5	10	15	14	9
15-17 LST	15	9	12	11	7	4	4	3	4	8	12	13	8
18-20 LST	11	8	7	6	3	2	1	1	1	4	7	11	5
21-23 LST	12	6	6	4	2	#	#	#	1	3	7	11	4
ALL HOURS	13	7	8	7	4	2	1	1	2	5	8	11	6

(NIAGARA FALLS IAP, NY)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 10-

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A
00-02 LST	15	17	13	9	8	5	4	6	7	9	10	13	
03-05 LST	17	17	12	10	11	9	8	9	9	10	11	14	
06-08 LST	17	18	16	13	12	10	10	12	13	13	11	15	
09-11 LST	21	21	15	9	8	6	4	4	7	9	11	18	
12-14 LST	17	17	13	7	5	2	2	3	5	6	11	16	
15-17 LST	16	14	11	7	4	2	1	2	4	6	9	17	
18-20 LST	14	14	11	7	5	3	2	3	5	6	9	14	
21-23 LST	15	14	12	7	7	4	2	3	6	6	9	15	
ALL HOURS	16	16	13	9	8	5	4	5	7	8	10	15	

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A
00-02 LST	9	11	9	6	6	4	3	4	5	7	6	9	
03-05 LST	9	12	9	7	8	7	5	6	6	7	8	9	
06-08 LST	9	12	12	9	9	7	6	7	8	9	7	11	
09-11 LST	14	14	11	6	5	2	2	2	4	6	8	12	
12-14 LST	11	10	9	4	3	1	1	1	2	3	6	11	
15-17 LST	11	9	8	4	3	1	1	1	3	3	6	12	
18-20 LST	9	10	7	5	4	1	1	1	3	3	6	9	
21-23 LST	8	9	8	5	4	2	1	2	4	4	6	10	
ALL HOURS	10	11	9	6	5	3	2	3	4	5	7	10	

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	4	7	6	3	4	3	1	2	3	4	3	6
03-05 LST	5	7	6	4	5	4	3	3	4	5	5	5
06-08 LST	5	7	7	5	6	4	3	4	4	6	5	6
09-11 LST	9	9	7	3	2	1	#	#	2	3	4	7
12-14 LST	6	6	6	2	1	#	#	#	1	1	3	7
15-17 LST	7	7	5	2	1	#	#	1	1	1	3	8
18-20 LST	4	6	4	2	2	1	#	#	1	2	3	5
21-23 LST	4	6	5	3	2	1	1	1	2	3	3	6
ALL HOURS	6	7	6	3	3	2	1	1	2	3	4	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	1	2	2	1	1	1	#	1	2	3	1	2
03-05 LST	2	3	3	1	2	2	1	1	2	2	2	1
06-08 LST	1	2	2	2	2	1	#	1	2	3	2	1
09-11 LST	1	1	1	0	#	0	0	#	#	1	1	1
12-14 LST	1	1	1	#	#	0	0	0	#	#	0	1
15-17 LST	1	2	1	#	#	0	0	0	#	#	0	1
18-20 LST	1	1	1	#	#	#	#	#	#	1	1	1
21-23 LST	#	2	2	1	1	#	#	#	1	1	1	1
ALL HOURS	1	2	2	1	1	1	#	#	1	1	1	1

A W S CLIMATIC BRIEF May 1988	Station Name: PLATTSBURGH AFB NY Latitude/Longitude: N44 39 W073 28 Hourly Obs POR: Jan 78 to Dec 87 Summary of Day POR: Jan 56 to Dec 87 LST = GMT -5	Field Elev: 235 ft Station MSC: 726225 Call Sign: KPBG Supersedes: Feb 1984

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	58	59	80	89	95	97	98	95	94	86	71	63	98	32
MEAN MAX TEMP °F	25	27	38	52	65	74	79	76	68	56	44	31	53	32
MEAN TEMP °F	16	19	30	43	55	64	69	67	58	47	37	24	44	32
MEAN MIN TEMP °F	7	9	22	34	44	54	59	57	49	38	30	16	35	32
XTRM MIN TEMP °F	-34	-25	-12	10	24	34	42	37	26	17	1	-23	-34	32
D/W TEMP ≥ 85°F	0	0	0	#	1	2	5	3	1	#	0	0	12	32
D/W TEMP ≥ 75°F	0	0	#	1	5	14	23	19	6	1	0	0	69	32
D/W TEMP ≤ 32°F	30	27	26	14	2	0	0	0	1	9	19	28	156	32
D/W TEMP ≤ 00°F	10	8	1	0	0	0	0	0	0	0	0	4	23	32
VAPOR PRESS "Hg	.06	.07	.11	.17	.28	.39	.49	.47	.35	.23	.15	.10	.20	10
MEAN DEWPOINT °F	7	9	20	31	43	52	58	57	49	38	28	17	34	10
99.95% WCPA Ft	1300	1000	1100	1000	800	800	700	650	750	950	1000	1100	950	10
MEAN RH 07 LST %	68	68	71	69	69	74	75	78	80	79	75	73	73	10
MEAN RH 13 LST %	62	58	57	53	53	57	57	61	61	63	64	65	59	10
MAX 24HR PRECIP "	1.8	2.1	1.4	1.8	1.6	1.8	1.9	3.0	3.1	1.5	1.8	1.8	3.1	32
MAX PRECIP "	4.2	4.5	3.5	6.1	5.9	7.7	6.7	6.5	5.6	5.3	5.3	4.9	7.7	32
MEAN PRECIP "	1.7	1.6	1.9	2.3	2.6	2.8	2.8	3.3	2.8	2.5	2.4	2.2	41.4	32
MIN PRECIP "	.2	.3	.2	.6	.5	.4	1.0	.3	.5	.4	.6	.5	23.0	32
D/W PRECIP ≥ .01"	12	9	10	10	12	11	11	11	10	10	12	13	131	32
D/W PRECIP ≥ .5"	1	1	1	1	1	2	1	2	2	2	1	1	16	32
MAX 24HR SNFL "	18	21	18	16	2	0	0	0	#	2	9	18	21	32
MAX SNFL "	39	45	39	21	3	0	0	0	#	2	14	49	114	32
MEAN SNFL "	15	13	11	3	#	0	0	0	#	#	5	16	63	32
D/W SNFL ≥ .1"	10	8	6	2	#	0	0	0	0	#	3	9	38	32
D/W SNFL ≥ 1.5"	3	3	2	#	#	0	0	0	0	#	1	3	12	32
MEAN WND DRCTN	$N	$N	$N	$N	$SSE	$SSE	$SSE	$SSE	$S	$S	$S	$S	$SSE	10
MEAN WND SPD Kts	6	5	6	7	6	5	5	4	5	5	6	6	5	10
MAX WND SPD** Kts	58	50	47	52	47	48	48	52	45	43	48	53	58	32
MEAN CLD CVR 10th	7	7	7	7	7	7	6	6	6	7	8	8	7	10
D/W TSTORMS	#	0	#	1	3	6	7	6	2	1	#	#	26	32
D/W FOG VSBY <7mi	6	7	8	8	8	8	8	9	9	8	9	8	96	32

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	JUN	JUL	AUG	SEP	OCT	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/1	1/0	0/0	0/0	1/1
Within 240NM	0/1	1/2	2/5	3/1	0/1	6/10

A W S CLIMATIC BRIEF	Station Name:	PLATTSBURGH AFB NY	Field Elev:	235 ft
	Latitude/Longitude:	N44 39 W073 28	Station MSC:	726225
	Hourly Obs POR:	Jan 78 to Dec 87	Call Sign:	KPBG
May 1988	Summary of Day POR:	Jan 56 to Dec 87	Supersedes:	Dec 1984
	LST - GMT -5		Supersedes:	Dec 1984

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YO
	00-02	19	14	16	12	9	4	5	6	7	10	16	21	12	
	03-05	18	16	18	14	11	8	5	8	8	11	16	24	13	
CIG/VSBY	06-08	19	17	19	12	10	7	3	10	9	12	16	23	13	
	09-11	18	15	15	12	10	6	3	8	8	11	16	21	12	
LESS THAN	12-14	17	13	12	10	7	4	3	5	6	8	15	16	10	
	15-17	18	13	11	9	7	4	4	5	6	5	16	17	10	
3000/3	18-20	19	14	13	11	7	5	4	6	6	7	16	20	11	
	21-23	17	14	16	11	6	5	4	6	7	9	17	19	11	
	00-24	18	15	15	11	8	5	4	7	7	9	16	20	11	10
	00-02	12	9	11	7	7	3	4	4	5	4	10	12	7	
	03-05	13	10	11	8	8	6	3	7	6	6	10	12	8	
CIG/VSBY	06-08	14	12	11	6	7	5	2	9	8	9	10	11	9	
	09-11	15	11	9	5	5	4	3	6	6	7	10	12	8	
LESS THAN	12-14	13	10	8	5	5	3	2	4	4	5	9	10	7	
	15-17	14	9	9	4	4	3	3	3	5	3	10	13	7	
1500/3	18-20	13	10	10	6	4	4	3	4	5	3	10	12	7	
	21-23	12	9	11	6	5	4	3	3	5	4	10	11	7	
	00-24	13	10	10	6	6	4	3	5	6	5	10	12	8	10
	00-02	8	7	8	5	6	1	2	2	3	3	7	8	5	
	03-05	9	7	8	5	6	2	2	3	4	5	7	8	6	
CIG/VSBY	06-08	10	9	8	3	5	3	1	4	4	7	7	7	6	
	09-11	9	8	6	3	3	2	1	2	4	6	7	8	5	
LESS THAN	12-14	9	8	5	3	3	1	1	2	2	4	6	7	4	
	15-17	10	6	7	3	3	1	1	1	2	2	8	9	4	
1000/2	18-20	9	7	8	4	3	2	1	2	4	2	7	7	5	
	21-23	8	7	7	4	4	2	1	2	2	3	6	8	5	
	00-24	9	7	7	4	4	2	1	2	3	4	7	8	5	1
	00-02	1	1	1	1	1	0	#	0	#	#	#	1	1	
	03-05	1	1	#	1	1	1	0	0	#	1	1	1	1	
CIG/VSBY	06-08	2	2	1	#	#	1	0	0	#	2	#	1	1	
	09-11	1	1	#	#	#	0	0	0	0	#	#	1	#	
LESS THAN	12-14	1	1	1	#	0	0	0	0	0	0	0	#	#	
	15-17	1	1	1	0	0	0	0	0	0	0	#	1	#	
200/½	18-20	1	1	1	#	#	0	0	0	#	#	#	#	#	
	21-23	2	1	1	#	#	0	0	0	#	#	#	#	#	
	00-24	1	1	1	#	#	0	#	0	#	#	#	1	#	1

PREPARED BY USAFETAC
AUGUST 1976

STATION NAME ROCHESTER NY (MONROE CO APT)
LOCATION N43 07 W077 40

PERIOD JAN 48-MAY 76
ELEV 560

STN LTRS ROC
WBAN NO 14768
WMO NO 72529

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	DAILY MIN	MON THLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MAX	MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MAX	MAX 24 HRS
JAN	32	17	25	74	-16	2.2	4.1	.9	1.2	23	69	18
FEB	33	18	26	67	-16	2.5	5.1	.7	1.8	23	69	182
MAR	41	25	33	79	-5	2.6	5.0	.5	1.5	15	40	172
APR	56	36	46	93	13	2.6	4.1	1.3	1.3	3	19	6
MAY	67	46	57	94	26	2.7	6.4	.5	3.5	#	1	1
JUN	78	56	67	100	35	2.8	6.6	.2	2.6	0	0	0
JUL	82	60	72	98	42	2.4	5.6	1.0	2.3	0	0	0
AUG	80	59	70	99	36	3.1	6.0	.8	1.9	#	#	#
SEP	73	51	62	99	30	2.3	4.0	.3	2.2	#	#	#
OCT	62	42	52	91	20	2.4	7.9	.2	2.4	#	1	1
NOV	48	33	41	81	5	2.9	5.5	.7	2.0	7	17	11
DEC	36	23	30	69	-7	2.4	4.6	.6	1.2	14	44	9
ANN	57	39	48	100	-16	30.9	7.9	.2	3.5	90	69	18
YR	28	28	28	28	28	28	28	28	28	28	28	28

MONTH	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE AT STN ELEV (FT) 99.95%	SURFACE WINDS PVLG DRCTN (10 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 99	MEAN NO. OF CLEAR SKY HOURS	MEAN NO. OF PTLY CLDY HOURS	MEAN NO. OF CLOUDY HOURS	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ .01 IN	PRECIP ≥ .5 IN	SNOWFALL ≥ 1 IN	SNOWFALL ≥ 1.5 IN	THUNDER STORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	76	68	.10	17	1300	W	10	41				17	1	10	5	4	7	0	0	28	2
FEB	76	66	.10	17	1400	W	10	52				15	1	14	5	4	7	0	0	26	2
MAR	77	63	.14	25	1400	W	10	48				14	1	10	3	1	10	0	0	29	0
APR	70	53	.19	33	1250	W	9	62				13	1	5	1	2	10	0	1	11	0
MAY	83	57	.30	45	1100	W	8	36				12	1	4	0	4	10	0	4	1	0
JUN	86	58	.45	56	1000	SW	7	38				10	2	0	0	5	9	3	13	0	0
JUL	87	54	.52	60	950	SW	7	23				10	1	0	0	0	9	5	21	0	0
AUG	89	56	.52	60	850	SW	7	42				10	2	0	0	0	12	3	17	0	0
SEP	89	61	.42	54	1000	W	7	30				10	1	0	0	2	11	2	8	0	0
OCT	84	62	.29	44	1050	W	7	37				11	1	0	0	1	11	#	2	4	0
NOV	83	71	.20	34	1300	W	9	48				15	1	5	2	1	10	0	0	15	0
DEC	82	76	.13	24	1[illegible]	W	9	40				17	1	14	4	0	10	0	0	26	1
ANN	83	62	.24	39		W	8	62				154	14	62	20	28	116	13	66	137	5
YR	10	10	10	10		10	10	1	*			28	28	28	28	28	28	28	24	28	28

REMARKS
RUNWAY FOR:
HRLY OBS: JUN 66-MAY 76
DAILY OBS: JAN 48-MAY 76

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM DATA % PVLG DRCTN ## BASED ON * FULL MONTHS

CAV FREQ (%)

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI														
00-02	46	45	31	24	18	6	4	7	13	16	33	46	24	
03-05	41	49	29	26	17	15	9	14	17	19	44	48	27	
06-08	44	52	37	28	22	22	15	21	23	23	41	50	32	
09-11	46	50	43	33	31	24	10	23	26	23	41	52	34	
12-14	45	49	37	30	28	16	8	17	22	18	40	50	30	
15-17	46	44	31	23	21	11	9	14	15	20	37	51	27	
18-20	40	41	35	18	14	8	7	10	10	17	35	45	23	
21-23	37	43	32	19	17	6	3	7	12	16	37	43	23	
ALL HRS	43	47	34	25	21	14	8	14	17	19	39	48	27	5
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI														
00-02	21	19	19	13	9	4	2	4	7	6	15	21	12	
03-05	19	23	16	14	9	8	7	10	9	8	20	21	14	
06-08	18	24	23	15	12	15	11	17	15	11	15	28	17	
09-11	22	29	29	13	9	9	2	12	12	10	19	31	16	
12-14	17	23	16	13	8	5	3	6	7	7	15	29	12	
15-17	18	20	16	13	9	5	6	5	6	7	15	24	12	
18-20	15	16	17	11	6	3	4	3	6	5	10	18	10	
21-23	15	16	15	11	8	1	1	2	7	8	14	20	10	
ALL HRS	18	21	18	13	9	6	5	7	9	8	15	24	13	5
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 2 MI														
00-02	14	12	12	11	5	3	1	1	5	5	10	14	8	
03-05	9	12	10	11	6	5	3	5	6	6	13	12	8	
06-08	11	14	16	11	8	7	5	6	8	8	11	16	10	
09-11	14	21	15	9	6	5	3	5	6	6	13	20	10	
12-14	9	14	11	8	6	4	1	2	4	3	8	16	7	
15-17	10	10	10	10	6	3	2	1	5	5	9	15	7	
18-20	9	8	13	10	3	1	1	#	3	3	6	10	6	
21-23	9	7	9	9	3	1	1	1	5	5	9	13	6	
ALL HRS	11	12	12	10	5	4	2	3	5	5	10	15	8	5
CEILING LESS THAN 200 FT AND OR VISIBILITY LESS THAN 1/2 MI														
00-02	1	0	1	0	1	1	0	0	#	0	1	0	#	
03-05	#	1	1	#	1	1	0	#	1	1	2	#	1	
06-08	#	2	1	1	1	1	0	1	1	1	2	#	1	
09-11	0	#	1	1	0	0	0	0	0	0	#	#	#	
12-14	#	1	2	#	1	0	0	0	0	0	0	#	#	
15-17	#	#	1	1	0	0	0	0	0	0	#	0	#	
18-20	0	0	2	1	0	0	0	0	0	0	0	0	0	
21-23	1	0	1	0	0	0	0	0	0	#	#	0	#	
ALL HRS	#	1	1	1	1	0	0	#	#	#	1	#	#	5

AWS CLIMATIC BRIEF

STEWART (AFB)/NEWBURGH, NEW YORK — PERIOD 1942-69 — WBAN # 14714 — WMO #

Prepared by ETAC (JAN 1972) — N 41 30 W 74 06 — FIELD ELEVATION: 471 ft — STN LTRS: KSWF

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	99.95% PRESSURE ALTITUDE (ft)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	≥ 80	MINIMUM ≤ 32	≤ 0	MEAN CLOUDS (TENTHS)
JAN	67	34	18	-17	2.7	1.5	12	12	W	9	62	76	65	18	.10	1250	11	2	6	3	#	12	0	0	28	2	6
FEB	76	36	19	-20	2.7	2.2	13	22	W	9	62	75	63	18	.10	1350	10	2	6	2	0	10	0	0	25	2	6
MAR	85	46	28	-10	3.1	1.6	11	13	WNW	10	63	76	59	26	.14	1250	11	2	5	2	1	11	0	#	22	#	6
APR	90	59	38	17	3.5	2.2	2	9	W	9	55	77	55	36	.21	1200	11	3	1	#	#	10	#	1	7	0	6
MAY	92	69	48	26	3.9	3.9	#	#	WSW	8	66	82	54	46	.31	1000	12	3	0	0	4	12	#	5	#	0	6
JUN	98	79	57	35	3.4	3.4	0	0	WSW	7	84	85	56	57	.47	950	10	3	0	0	5	11	3	19	0	0	6
JUL	101	84	62	44	3.6	3.3	0	0	WSW	6	69	86	55	62	.56	850	10	2	0	0	6	12	5	23	0	0	6
AUG	100	81	61	38	3.7	4.8	0	0	WSW	6	59	87	57	61	.54	800	9	2	0	0	5	15	3	19	0	0	6
SEP	102	74	53	28	3.3	3.5	0	0	WSW	6	61	87	58	54	.42	900	8	2	0	0	2	13	1	8	#	0	5
OCT	88	64	43	22	3.2	6.5	#	#	WSW	7	75	84	56	43	.28	1050	8	2	0	0	1	12	0	2	3	0	5
NOV	82	50	33	11	3.7	2.9	2	7	W	8	84	79	61	33	.19	1200	11	2	1	#	#	11	0	#	15	0	6
DEC	67	37	21	-19	3.4	2.6	9	20	W	9	57	76	64	21	.11	1200	10	2	5	2	#	11	0	0	27	1	6
ANN	102	59	40	-20	40.2	6.5	49	22	W	8	84	81	59	40	.25	1100	121	27	24	9	26	140	12	73	127	5	6
EYR	26	26	26	26	26	26	23	23	27	27	22	27	27	27	27	24	26	26	23	23	26	26	26	26	26	26	24

REMARKS

	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Number Observed Within:	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1970) 60 nmi	0/0	1/0	2/0	2/0	0/0	0/0	0/0	5/0
(A) Hurricanes/Tropical Storms 120 nmi	0/0	1/0	5/1	7/4	0/0	0/0	0/0	13/5
(B) Hurricanes Only 240 nmi	2/0	4/1	14/7	21/14	1/0	0/0	1/0	43/22

RUSSMO POR: Hrly Obs: 4208-6903, 6905-6912; Daily Obs: 4209-6901.

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	26	23	23	18	20	16	14	16	19	18	22	23	20	
	03-05	26	23	24	23	23	21	19	22	26	22	24	25	23	
	06-08	28	25	25	23	25	22	20	28	31	26	27	26	26	
	09-11	26	23	25	21	23	19	17	20	24	19	26	25	22	
	12-14	24	22	23	20	19	15	14	15	18	16	23	23	19	
	15-17	24	21	22	18	17	14	11	12	13	13	22	24	18	
	18-20	22	20	20	17	16	13	10	11	14	13	21	23	17	
	21-23	23	22	21	17	16	13	11	12	16	15	21	23	18	
	ALL HOURS	25	22	23	20	20	16	15	17	20	18	23	24	20	27
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	18	17	16	12	14	11	10	11	13	11	14	16	14	
	03-05	19	17	18	16	17	15	14	16	19	16	16	18	17	
	06-08	21	19	19	17	19	16	16	22	24	20	20	20	19	
	09-11	21	17	18	14	15	11	9	12	14	14	18	21	15	
	12-14	18	15	16	11	12	9	5	7	10	8	14	18	12	
	15-17	17	15	15	11	11	8	5	6	8	8	14	18	11	
	18-20	16	16	14	11	11	9	6	7	9	8	13	17	11	
	21-23	16	17	13	12	11	9	7	8	10	9	14	17	12	
	ALL HOURS	18	17	16	13	14	11	9	11	13	12	15	18	14	27
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	12	12	11	9	10	7	5	6	8	7	8	12	9	
	03-05	13	12	13	12	13	10	8	10	12	11	11	12	11	
	06-08	15	14	14	12	13	11	9	15	16	15	14	14	14	
	09-11	16	12	13	8	9	6	4	6	9	9	12	14	10	
	12-14	14	10	12	7	7	5	2	4	5	4	9	12	8	
	15-17	13	12	11	6	6	5	2	3	5	5	8	13	7	
	18-20	12	12	11	6	7	5	2	4	5	5	8	12	7	
	21-23	12	12	10	7	8	5	4	5	6	5	8	11	8	
	ALL HOURS	13	12	12	8	9	7	5	7	8	7	10	12	9	27
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	3	2	2	2	2	1	1	1	1	2	3	2	
	03-05	3	3	2	2	2	2	2	2	4	4	3	3	3	
	06-08	4	3	3	2	1	1	1	3	4	5	3	4	3	
	09-11	4	3	2	1	#	0	0	0	#	1	1	1	1	
	12-14	3	2	1	#	0	#	0	#	0	0	1	2	1	
	15-17	3	3	2	1	#	0	0	#	#	#	1	3	1	
	18-20	3	3	1	1	#	1	0	0	#	#	1	2	1	
	21-23	3	3	2	1	1	1	#	#	1	1	2	2	1	
	ALL HOURS	3	3	2	1	1	1	1	1	1	2	2	3	2	27

AWS CLIMATIC BRIEF

SUFFOLK CO. AFB/WESTHAMPTON BEACH, N.Y. PERIOD 1943-67B WBAN # 14719
Prepared by ETAC (MAY 1970) N 50 51 W 72 38 ELEVATION 77 ft WMO # STN LTRS KFDK

MONTH	TEMPERATURE(°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (GUSTS) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE(°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS(TENTHS)
JAN	57	37	22	-12	3.8	2.3	8	9	NW	9	50	75	65	22	.11	900	10	2	4	2	#	13	0	0	27	#	6
FEB	59	39	24	-9	3.7	2.4	8	24	NW	9	53	77	64	23	.12	950	10	3	4	1	#	13	0	0	23	#	6
MAR	70	45	30	11	4.2	2.5	7	11	NW	9	52	78	62	28	.15	850	12	3	4	1	1	16	0	0	19	0	6
APR	84	55	39	15	3.7	2.0	1	4	SW	9	50	82	61	37	.22	850	12	2	1	#	1	10	0	#	6	0	6
MAY	87	65	48	27	3.2	2.5	#	#	SW	8	37	85	61	47	.32	650	10	2	0	0	3	18	0	1	#	0	6
JUN	96	74	58	37	1.9	2.7	0	0	SW	8	35	88	62	57	.47	550	8	1	0	0	4	19	1	7	0	0	6
JUL	96	79	64	46	3.1	3.6	0	0	SW	7	38	90	64	63	.58	500	8	2	0	0	5	21	1	13	0	0	6
AUG	96	78	63	39	4.5	5.0	0	0	SW	7	35	89	64	63	.58	450	9	2	0	0	4	20	1	12	0	0	6
SEP	92	72	57	35	3.6	4.0	0	0	SW	8	66	87	65	57	.47	550	8	2	0	0	2	17	#	4	0	0	6
OCT	80	63	46	20	3.4	2.0	#	2	SW	8	42	85	62	46	.31	700	8	2	#	#	1	15	0	#	1	0	5
NOV	72	52	35	14	4.3	3.9	#	2	W	8	54	80	63	37	.22	800	10	3	#	#	#	14	0	0	11	0	6
DEC	62	41	25	1	4.1	3.7	6	10	W	8	53	76	64	25	.13	800	11	3	3	2	#	14	0	0	23	0	6
ANN	96	59	43	-12	43.5	5.0	30	24	SW	8	66	83	63	42	.27	750	116	27	16	6	21	196	3	37	110	#	6
EYR	17	17	17	17	17	17	15	15	19	19	10	19	19	19	19	16	17	17	15	15	15	15	17	17	17	17	16

REMARKS

RUSSWO POR: Hourly Obs: Aug 43-Nov 45, May 51-Aug 57
Daily Obs: Aug 43-Nov 45, May 51-Dec 65, Feb-May 66

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	26	24	26	28	27	30	33	31	30	25	26	25	28	
	03-05	27	27	28	31	31	36	39	37	36	28	26	27	31	
	06-08	29	30	29	31	29	30	34	34	34	29	26	27	30	
	09-11	28	26	27	27	24	24	26	25	27	24	25	22	25	
	12-14	26	24	27	25	20	20	21	24	23	21	24	23	23	
	15-17	24	23	24	24	21	20	21	20	21	19	24	25	22	
	18-20	24	23	24	26	23	22	24	24	24	21	25	25	24	
	21-23	25	23	25	26	25	25	28	26	25	23	24	25	25	
	ALL HOURS	26	25	26	27	25	26	28	28	28	24	25	25	26	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	19	18	21	23	23	28	30	29	25	20	18	20	23	
	03-05	20	21	23	26	27	33	37	33	29	22	19	19	26	
	06-08	23	24	24	27	25	28	32	31	28	23	20	21	26	
	09-11	22	20	22	23	19	19	22	20	19	16	17	17	20	
	12-14	19	17	20	19	15	15	17	17	16	13	15	17	17	
	15-17	19	17	19	19	17	16	19	15	16	13	17	19	17	
	18-20	18	19	19	22	19	19	22	21	20	15	18	18	19	
	21-23	18	19	19	22	21	23	26	24	21	18	17	19	21	
	ALL HOURS	20	19	21	23	21	23	26	24	22	18	18	19	21	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	15	15	17	19	19	23	25	22	20	16	13	15	18	
	03-05	15	16	20	22	21	26	30	25	22	17	15	16	20	
	06-08	17	18	19	22	21	22	25	23	21	18	15	16	20	
	09-11	17	17	18	18	15	15	17	15	14	12	12	14	15	
	12-14	15	14	16	15	12	11	12	12	11	8	11	13	13	
	15-17	15	14	15	16	14	12	14	11	11	9	12	14	13	
	18-20	14	15	15	18	16	15	17	14	14	11	12	14	15	
	21-23	15	15	16	19	18	18	20	17	16	14	13	15	16	
	ALL HOURS	15	15	17	19	17	18	20	18	16	13	13	15	16	19
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	4	5	4	5	8	9	6	5	5	4	4	3	5	
	03-05	3	5	4	7	8	10	9	7	6	5	5	3	6	
	06-08	4	3	5	6	5	5	5	4	4	4	4	3	4	
	09-11	4	4	3	2	1	1	1	#	1	1	2	2	2	
	12-14	3	4	3	2	1	1	#	#	#	#	1	2	1	
	15-17	3	3	3	3	2	1	1	1	1	1	1	3	2	
	18-20	3	3	3	5	5	3	3	2	3	1	3	3	3	
	21-23	4	3	4	4	7	5	5	3	4	3	4	3	4	
	ALL HOURS	4	4	4	4	5	5	4	3	3	2	3	3	3	19

PREPARED BY: USAFETAC
APRIL 1982

STATION NAME: SYRACUSE/HANCOCK INTL NY
LOCATION: N43 07 W 76 07

PERIOD: JAN 46-AUG 81 B
ELEV: 421 FT

STN LTRS: SYR
WSC NO: 725190

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	31	15	23	70	-26	2.7	5.8	1.0	1.6	24	72	22
FEB	33	16	25	69	-26	2.7	5.4	.8	1.9	26	73	21
MAR	42	25	34	85	-16	3.1	6.8	1.0	1.5	17	39	14
APR	56	36	46	89	9	3.2	8.1	1.6	2.4	3	12	7
MAY	68	46	57	94	25	3.2	7.4	.8	2.4	0	2	2
JUN	78	55	67	98	35	3.6	12.3	1.1	3.6	0	0	0
JUL	82	60	71	97	44	3.6	9.5	.9	3.9	0	0	0
AUG	80	59	70	98	40	3.6	8.4	1.3	2.7	0	0	0
SEP	73	52	62	97	25	3.2	8.8	.6	2.5	0	0	0
OCT	63	42	52	87	19	3.1	8.3	.3	3.6	2	9	2
NOV	48	33	41	81	5	3.4	6.8	1.3	2.1	9	26	12
DEC	30	21	26	70	-22	3.2	5.0	1.7	1.8	25	53	16
ANN	57	38	48	98	-26	38.6	12.3	.2	3.9	108	73	22
RYR	36	36	36	36	36	36	36	36	36	36	36	36

MONTH	MEAN RELATIVE HUMIDITY (%) 04 LST	13 LST	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%
JAN	78	69	.09	15	1300
FEB	76	66	.09	16	1200
MAR	75	60	.14	25	1200
APR	74	51	.19	33	1100
MAY	80	53	.31	46	900
JUN	85	58	.44	55	950
JUL	87	56	.52	60	800
AUG	91	62	.54	61	700
SEP	88	64	.40	53	850
OCT	84	63	.27	42	1050
NOV	81	68	.20	34	1100
DEC	79	71	.12	22	1200
ANN	82	62	.24	39	1050
RYR	8	8	8	8	9

MONTH	SURFACE WINDS PVLG DIRCTN (% FT)	SPEED MEAN (KT)	SPEED MAX (KT) 50	CLOUD COVER (OKTAS)	MEAN NUMBER OF DAYS OCCURRENCE OF: THUNDER	FOG	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MAX ≤ 32	MAX ≤ 05	MIN ≤ 32	MIN ≤ 05
JAN	WSW	10	49	9	1	17	5	0	0	29	6	
FEB	WSW	9	39	8	1	14	4	0	0	26	5	
MAR	W	10	53	8	2	11	4	1	10	0	0	28	1
APR	W	10	55	7	4	3	1	2	0	1	11	0
MAY	W	8	39	7	3	2	0	4	11	0	5	1	0
JUN	W	8	47	7	3	2	0	0	4	10	2	13	0	0
JUL	W	7	43	6	3	2	0	0	7	10	4	20	0	0
AUG	W	7	43	7	3	2	0	0	6	13	2	17	0	0
SEP	E	7	40	7	3	2	0	0	3	12	1	7	0	0
OCT	WSW	8	41	7	3	2	1	0	1	4	0	0
NOV	WSW	9	46	8	3	2	1	0	0	1	14	0
DEC	WSW	9	46	9	3	1	1	0	0	0	26	3
ANN	W	8	55	7	168	21	67	24	310	21	9	84	133	15
RYR	8	8	5	8	36	36	36	36	36	36	36	36	36	36

REMARKS:
RUSSMO FOR
HOURLY OBS SEP 73 - AUG 81
DAILY OBS JAN 46 - AUG 81

NUMBER OBSERVED WITHIN: (1900-1979)

	A/B	JUL	AUG	SEP	OCT	ANN
	60NM	0/0	0/1	0/0	0/0	0/1
(A) Hurricanes	120NM	0/0	0/2	0/0	0/0	0/2
(B) Tropical Storms	240NM	0/1	2/7	0/1	0/1	2/10

NOTE: * DATA NOT AVAILABLE # ASTS < UNITS SHOWN IN HEADING ** MAX HRLY WND OF CLASS HIT 8 % CALM OBTS % PLVG DIRCTN 9 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	RYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	52	37	32	19	11	11	9	9	16	16	30	40	24	
	03-05	50	40	34	22	15	16	11	15	19	20	34	40	26	
	06-08	47	43	36	23	20	19	17	23	24	26	34	43	30	
	09-11	45	39	38	24	20	21	16	22	22	27	37	41	29	
	12-14	40	40	36	23	18	15	15	16	19	21	31	41	26	
	15-17	42	37	32	19	12	9	10	12	15	16	26	41	23	
	18-20	45	33	29	17	11	8	10	9	15	14	28	39	22	
	21-23	45	31	28	16	9	6	7	6	14	15	28	39	21	
	ALL HRS	46	36	33	20	25	13	12	14	18	19	31	41	25	8
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	28	21	18	9	6	5	4	4	7	8	14	18	12	
	03-05	28	21	17	10	8	8	7	7	10	9	16	20	13	
	06-08	29	27	20	11	11	12	11	16	14	16	17	24	17	
	09-11	30	27	20	10	8	10	6	10	9	14	18	25	15	
	12-14	25	22	15	9	6	6	5	5	7	10	12	22	12	
	15-17	26	17	15	9	6	5	5	6	6	7	10	22	11	
	18-20	22	15	15	9	5	6	5	5	6	7	10	20	10	
	21-23	23	16	16	7	6	5	5	5	5	7	11	20	10	
	ALL HRS	26	21	17	9	7	6	6	7	8	10	14	21	13	8
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN * 0	00-02	18	11	13	6	6	3	2	2	5	6	10	13	8	
	03-05	18	13	13	6	6	4	5	5	8	6	11	13	9	
	06-08	16	17	14	8	7	8	5	7	9	9	11	17	11	
	09-11	19	19	12	6	5	4	2	4	6	7	11	18	9	
	12-14	18	13	10	5	3	3	2	4	4	5	7	17	7	
	15-17	17	10	9	5	3	2	3	2	4	5	7	15	7	
	18-20	13	10	10	7	2	2	2	2	3	4	6	13	6	
	21-23	14	9	9	5	3	2	1	2	3	5	9	13	6	
	ALL HRS	17	13	11	6	4	4	3	3	5	6	9	15	8	8
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	0	0	0	0	0	0	0	1	1	1	0	
	03-05	1	1	1	1	2	1	0	1	1	2	1	2	1	
	06-08	0	2	1	0	1	1	0	1	1	3	1	1	1	
	09-11	1	2	1	0	0	0	0	0	0	0	1	2	1	
	12-14	2	1	0	0	0	0	0	0	0	0	0	1	0	
	15-17	2	1	1	0	0	0	0	0	0	0	1	2	1	
	18-20	0	1	1	1	0	0	0	0	0	0	0	1	0	
	21-23	0	1	0	0	0	0	0	0	0	0	1	1	0	
	ALL HRS	1	1	1	0	0	0	0	0	0	1	1	2	1	0

PREPARED BY: USAFETAC
OCTOBER 1984

STATION NAME: WATERTOWN NY
LOCATION: N44 00 W076 01

PERIOD: MAY 49-DEC 83 B
ELEV: 325 FT

STN LTRS: ART
WBAN NO: 726227

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREMES MAX	EXTREMES MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	28	9	19	65	-36	2.1	4.8	.5	1.5	24	91	21
FEB	29	11	20	63	-34	1.8	5.5	.3	2.1	14	44	19
MAR	40	22	32	84	-16	2.1	3.6	.2	1.9	9	33	21
APR	53	33	43	97	6	2.1	4.4	.8	1.3	2	9	5
MAY	65	44	55	87	18	2.4	5.5	.7	1.7	0	1	1
JUN	75	53	64	95	29	2.3	6.2	.3	1.8	0	0	0
JUL	80	58	69	97	36	1.9	3.7	.3	1.8	0	0	0
AUG	78	56	67	95	30	3.1	7.7	.9	4.1	0	0	0
SEP	70	49	59	96	26	3.3	7.4	.9	2.5	0	0	0
OCT	59	39	49	84	12	2.4	4.7	.2	1.7	4	4	4
NOV	44	31	38	77	1	3.1	7.2	1.1	3.0	6	26	11
DEC	33	19	25	67	-37	2.9	6.5	.3	1.8	22	76	23
ANN	55	35	45	97	-36	29.5	7.7	4.2	4.1	77	91	23
YRS	27	27	27	27	27	27	27	27	27	27	27	27

MONTH	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN VAPOR PRESSURE (IN Hg) 07 LST	DEW PT (°F) 07 LST	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	CLOUD COVER MEAN SUNRISE (tenths)
JAN	76	71	.07	11	1250	S	9		8
FEB	77	67	.08	17	1150	S	9		7
MAR	77	65	.13	26	1150	WSW	9		7
APR	75	60	.19	37	1050	WSW	9		6
MAY	77	60	.31	46	850	WSW	8		6
JUN	78	62	.42	54	900	S	7		6
JUL	78	57	.50	59	750	WSW	7		4
AUG	85	63	.50	59	650	WSW	7		6
SEP	85	66	.39	52	800	S	7		6
OCT	84	65	.25	44	1000	S	8		7
NOV	83	71	.19	39	1100	S	9		8
DEC	81	74	.11	20	1150	S	9		8
ANN	80	65	.22	37	1000	S	8		7
YRS	10	10	10	10	10	10	10		10

MEAN NUMBER OF DAYS OCCURRENCE OF:

MONTH	PRECIP (IN) ≥ 0.01	≥ 0.5	SNOWFALL (IN) ≥ 0.1	≥ 1.0	THUNDER STORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 85	MAX ≥ 75	MIN ≤ 32	MIN ≤ 00
JAN	15	1	11	4	0	11	0	0	29	9
FEB	11	1	7	3	0	10	0	0	26	7
MAR	12	1	6	2	1	12	0	0	26	1
APR	11	1	3	0	1	10	0	1	15	0
MAY	10	1	0	0	2	11	0	5	3	0
JUN	9	1	0	0	4	10	4	16	0	0
JUL	8	1	0	0	4	11	7	25	0	0
AUG	9	2	0	0	5	12	4	22	0	0
SEP	9	2	0	0	3	12	1	9	1	0
OCT	11	1	0	0	2	10	0	2	9	0
NOV	14	1	3	1	1	12	0	0	17	0
DEC	16	2	10	4	0	11	0	0	27	5
ANN	136	14	40	14	23	132	16	80	159	22
YRS	27	27	27	27	27	27	27	27	27	27

REMARKS:

RUSHMO FOR:
HOURLY OBS: JAN 74 - DEC 83
SUMMARY OF DAY: MAY 49 - DEC 54
SEP 62 - DEC 83

NUMBER OBSERVED WITHIN: (1900-1983)
(A) Hurricanes
(B) Tropical Storms

	A/B	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/1	0/0	0/1
240NM	0/1	1/3	0/1	1/7	

NOTE: * DATA NOT AVAILABLE; # AMTS < UNITS SHOWN IN HEADING; ** GREATEST/RECENT PEAK WINDS; § % CALM ENTR & PVLG. DIRCTN; ‡ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	36	25	25	20	13	13	10	11	15	18	27	35	21	
	03-05	39	28	28	23	17	20	15	20	20	20	31	36	25	
	06-08	36	31	29	25	19	23	16	24	26	28	32	40	27	
	09-11	36	29	30	28	22	27	17	25	26	31	37	40	29	
	12-14	39	28	34	27	18	20	13	23	25	29	39	41	28	
	15-17	41	28	31	22	13	14	9	13	20	21	36	42	24	
	18-20	36	29	28	19	12	11	7	10	16	18	28	37	21	
	21-23	33	21	24	18	9	12	6	9	13	16	26	35	19	
	ALL HRS	37	27	28	23	15	18	12	17	20	23	32	38	24	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	11	14	11	8	7	6	7	10	8	13	15	11	
	03-05	20	14	14	12	12	14	10	14	12	10	15	15	14	
	06-08	19	17	17	14	13	13	12	16	16	13	16	17	15	
	09-11	23	18	18	14	11	15	8	14	12	13	19	21	16	
	12-14	26	19	18	14	8	10	5	10	10	11	16	23	14	
	15-17	23	12	15	11	6	7	4	5	10	9	17	21	12	
	18-20	18	8	14	10	6	6	4	6	7	9	11	15	10	
	21-23	16	7	14	10	5	5	4	5	7	7	13	15	9	
	ALL HRS	20	13	16	12	9	10	7	10	11	10	15	18	13	10
CEILING LESS THAN 1000 FT	00-02	12	6	9	7	6	5	3	5	6	6	8	10	7	
	03-05	12	8	10	7	10	8	6	8	8	7	11	11	9	
	06-08	13	11	12	9	9	8	7	8	10	9	11	10	10	
	09-11	16	11	12	9	6	6	4	6	7	8	13	13	9	
	12-14	17	7	11	8	5	4	2	3	5	6	10	14	8	
	15-17	16	6	10	8	4	3	2	1	6	6	9	12	7	
	18-20	9	5	11	7	3	3	2	3	4	5	5	10	6	
	21-23	9	4	10	7	2	3	2	3	4	5	7	10	6	
	ALL HRS	13	7	11	8	6	5	4	6	6	7	9	11	8	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	1	1	1	1	1	1	1	0	0	1	1	1	
	03-05	3	1	1	2	2	1	1	2	1	1	1	2	2	
	06-08	2	2	2	1	1	0	0	1	1	1	1	2	1	
	09-11	3	2	1	1	0	0	0	0	0	0	1	1	1	
	12-14	2	1	1	0	0	0	0	0	0	0	1	1	1	
	15-17	3	0	1	0	0	0	0	0	0	0	0	1	0	
	18-20	3	1	1	0	0	0	0	0	0	0	1	1	1	
	21-23	3	0	1	1	0	0	0	0	1	0	1	1	1	
	ALL HRS	3	1	1	1	1	0	0	1	0	0	1	1	1	10

AWS CLIMATIC BRIEF

CHERRY POINT MCAS/CUNNINGHAM FIELD, NORTH CAROLINA N 34 54 W 76 53 — PERIOD: 1945–69 — FIELD ELEVATION: 29 ft

Prepared by ETAC (JAN 1972) — WBAN # 13754 — WMO # 72309 — STN LTRS: KNKT

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDNS (TENTHS)
JAN	80	55	36	10	3.3	2.3	1	3	SW	8	50	82	61	37	.22	600	10	2	#	#	#	16	0	#	12	0	6
FEB	84	57	37	12	3.9	2.7	2	20	NE	8	57	81	58	37	.22	650	10	3	#	#	1	14	0	#	9	0	6
MAR	90	62	43	20	3.1	2.5	3	3	SSW	9	59	81	54	42	.27	650	9	2	1	1	1	16	#	1	5	0	6
APR	93	72	52	30	2.5	3.2	0	0	SSW	9	70	83	50	50	.36	600	8	2	0	0	3	15	#	6	#	0	5
MAY	98	79	60	33	4.0	4.0	0	0	SSW	8	56	88	56	59	.50	500	10	3	0	0	6	17	2	16	0	0	6
JUN	104	85	68	44	5.3	4.5	0	0	SSW	7	70	90	61	67	.67	450	11	4	0	0	7	18	7	25	0	0	6
JUL	101	88	72	56	8.4	6.9	0	0	SSW	7	57	91	64	71	.76	350	14	5	0	0	11	17	11	30	0	0	6
AUG	101	87	71	57	6.4	6.0	0	0	SSW	6	90	92	64	71	.76	300	13	4	0	0	9	20	9	29	0	0	6
SEP	100	82	66	46	6.3	9.1	0	0	NNE	7	93	90	63	66	.64	400	10	3	0	0	4	19	3	21	0	0	6
OCT	95	74	56	26	3.4	3.6	0	0	NNE	7	76	88	60	56	.45	500	8	2	0	0	1	20	#	7	#	0	5
NOV	86	65	45	18	3.3	3.1	#	#	NNE	7	51	85	57	46	.31	550	8	2	0	0	1	18	0	1	3	0	5
DEC	80	57	37	14	3.2	3.9	#	6	N	7	59	83	59	38	.23	550	9	2	#	#	#	16	0	#	11	0	5
ANN	104	72	54	10	53.1	9.1	6	20	SSW	7	93	86	59	53	.40	550	120	34	1	1	44	206	32	136	40	0	6
EYR	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	550	24	24	24	24	24	24	24	24	24	24	24

REMARKS:

		Feb	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Number Observed Within:		A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1970)	60 NM	0/0	0/0	2/0	5/2	6/5	14/7	6/3	1/0	0/0	34/17
(A) Hurricanes/Tropical Storms	120 NM	0/0	1/1	5/1	5/2	11/9	23/14	9/5	1/0	0/0	55/32
(B) Hurricanes Only	240 NM	1/0	3/1	10/3	10/7	25/16	39/25	24/10	4/3	1/1	117/66

SMOS (NAVY) POR: HRLY AND DAILY OBS: 4504-6903

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	24	24	20	18	20	17	14	14	18	23	21	20	19	
	03 - 05	25	24	23	21	26	25	19	22	27	28	25	20	24	
	06 - 08	27	27	25	22	25	23	22	26	31	31	25	23	26	
	09 - 11	23	23	24	20	26	29	32	31	31	25	17	19	25	
	12 - 14	24	23	21	17	24	28	33	34	32	23	16	18	24	
	15 - 17	23	21	18	14	18	20	20	22	21	19	13	18	19	
	18 - 20	23	21	18	12	15	15	13	15	17	18	14	19	17	
	21 - 23	23	21	18	14	16	15	12	12	15	20	16	18	17	
	ALL HOURS	24	23	21	17	21	22	21	22	24	23	18	19	21	24
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	19	18	16	14	14	12	9	9	13	19	17	16	15	
	03 - 05	21	19	19	17	20	21	13	18	22	24	20	17	19	
	06 - 08	21	22	20	17	20	17	16	21	26	26	21	19	21	
	09 - 11	19	18	16	11	12	11	12	12	15	17	13	14	14	
	12 - 14	17	15	12	7	8	9	9	9	11	12	10	12	11	
	15 - 17	16	14	12	7	8	8	6	8	9	10	9	12	10	
	18 - 20	17	16	13	8	10	8	7	9	10	11	10	14	11	
	21 - 23	18	16	14	10	10	9	7	8	10	15	13	14	12	
	ALL HOURS	18	17	15	11	13	12	10	12	15	17	14	15	14	24
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	15	14	13	9	8	7	5	4	8	14	12	12	10	
	03 - 05	17	15	15	12	15	13	7	11	14	17	15	13	14	
	06 - 08	18	17	16	13	14	10	9	14	19	20	15	15	15	
	09 - 11	15	14	11	6	7	5	4	5	8	11	9	10	9	
	12 - 14	12	11	8	3	4	4	4	5	6	6	6	9	7	
	15 - 17	13	11	8	4	4	4	3	5	5	6	7	9	7	
	18 - 20	13	12	9	4	6	4	4	5	7	7	7	10	7	
	21 - 23	14	13	11	7	6	4	3	4	6	10	9	10	8	
	ALL HOURS	15	13	11	7	8	6	5	7	9	11	10	11	10	24
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	3	3	2	2	1	1	#	#	1	3	2	3	2	
	03 - 05	3	3	3	2	3	2	1	1	3	5	4	3	3	
	06 - 08	5	3	2	1	1	1	1	1	2	4	3	3	2	
	09 - 11	1	1	1	#	0	0	0	#	#	#	1	1	#	
	12 - 14	#	#	#	0	0	#	#	#	#	0	0	#	#	
	15 - 17	#	#	#	0	#	#	#	#	#	0	#	#	#	
	18 - 20	1	1	1	0	#	#	#	#	#	#	1	1	#	
	21 - 23	3	2	2	#	#	#	0	#	#	1	1	3	1	
	ALL HOURS	2	2	1	1	1	1	#	1	1	2	2	2	1	24

A W S CLIMATIC BRIEF L I M I T E D April 1988	Station Name: ELIZABETH CITY CGAS/MUNI NC Latitude/Longitude: N36 16 W076 11 Hourly Obs POR: Oct 77 to Sep 87 Summary of Day POR: None Hours Summarized: 0600-2200 LST LST = GMT -5	Field Elev: 12 ft Station MSC: 746941 Call Sign: KECG Supersedes: N/A

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	52	53	59	70	77	84	87	86	80	72	62	53	70	10
MEAN TEMP °F	43	44	50	59	67	75	79	78	72	62	52	43	60	10
MEAN MIN TEMP °F	33	34	39	48	57	65	70	69	73	52	42	34	51	10
VAPOR PRESS IN Hg	.17	.17	.23	.30	.45	.60	.74	.71	.60	.40	.31	.21	.36	10
MEAN DEW POINT °F	30	31	38	45	56	64	70	69	64	53	46	36	50	10
99.95% WCPA Ft	700	700	750	650	400	350	300	250	300	450	450	550	550	10
MEAN RH 07 LST %	79	79	77	73	79	79	83	85	85	85	85	81	81	10
MEAN RH 13 LST %	58	57	53	48	53	54	59	59	56	55	58	58	56	10
MEAN WND DRCTN	N	N	N	S	SW	SW	SW	SW	ENE	N	N	N	N	10
MEAN WND SPD Kts	9	9	10	10	9	8	8	7	8	8	8	8	9	10
PK WND SPD Kts	*	*	*	*	*	*	*	*	*	*	*	*	*	NA
NEG CEILING %	50	48	53	56	51	58	54	54	56	56	50	51	53	10

SUPPLEMENTAL SUMMARY OF DAY DATA SECTION. The data in this section was developed from those periods during which this station took observations both full- and part-time, and by comparing its data to nearby stations such as Langley AFB, Norfolk, and Cape Hatteras. As a result, this section does not provide the true means and extremes as for a 24-hour, 7-day, station; the data should be considered "informational" and applied with extreme caution. Values with no figure following the decimal point have been rounded.

XTRM MAX TEMP °F	80	82	86	95	96	101	103	101	99	95	85	79	103	30
MEAN TEMP °F	40	41	49	58	67	74	78	78	72	61	52	44	59	30
XTRM MIN TEMP °F	-1	9	19	29	37	47	56	49	42	26	19	8	-1	30
MAX 24HR PRECIP "	4.8	2.1	3.2	2.4	3.2	4.4	4.4	6.2	5.1	4.3	3.0	2.2	6.2	30
MAX PRECIP "	8.6	6.2	7.0	6.2	12.	9.5	12.	11.	12.	9.2	5.9	5.5	53.	30
MEAN PRECIP "	3.6	3.7	3.7	2.9	3.8	4.3	6.0	6.2	4.5	3.3	2.9	3.0	48.	30
MIN PRECIP "	1.0	.8	.7	.4	1.0	.4	.7	.7	.3	.5	.5	.8	39.	30
MAX 24HR SNFL "	9	10	11	#	0	0	0	0	0	0	#	12	12	30
MAX SNFL "	11	12	11	#	0	0	0	0	0	0	#	13	13	30
MEAN SNFL "	2	1	1	#	0	0	0	0	0	0	#	1	5	30
MIN SNFL "	0	0	0	0	0	0	0	0	0	0	0	0	1	30
D/W TSTORMS	#	1	2	3	6	7	9	8	3	1	#	#	40	30
D/W FOG VSBY <7mi	15	14	14	14	17	17	17	19	19	22	16	15	199	30
D/W MEAS PRECIP	10	11	10	10	10	10	11	12	8	8	8	9	117	30

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, or 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
Within 60NM	0/0	0/0	0/0	0/0	0/4	2/4	6/7	4/6	0/4	0/1	12/26
Within 120NM	0/1	0/0	0/0	1/0	0/6	2/6	16/14	11/15	2/7	0/2	32/51
Within 240NM	0/1	0/0	0/0	1/3	2/13	6/12	21/25	21/29	8/18	2/4	61/105

NOTE: This is a "limited" Climatic Brief because Elizabeth City CGAS is a part-time station.

A W S CLIMATIC BRIEF L I M I T E D April 1988	Station Name: ELIZABETH CITY CGAS/MUNI NC Latitude/Longitude: N36 16 W076 11 Hourly Obs POR: Oct 77 to Sep 87 Hours Summarized: 0600-2200LST LST = GMT -5	Field Elev: 12 ft Station WSC: 746941 Call Sign: KECG

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	06-08	31	33	27	24	31	25	32	38	35	35	38	31	32	10
	09-11	25	28	22	20	23	17	28	28	24	24	26	24	24	10
LESS THAN	12-14	22	25	21	17	18	12	21	23	18	19	22	23	20	10
	15-17	20	20	19	16	12	9	13	16	16	15	19	20	16	10
3000/3	18-21	20	19	18	15	13	12	12	19	15	13	19	18	16	7
	21-22	20	22	18	16	13	12	11	19	17	15	23	18	17	7
CIG/VSBY	06-08	27	28	22	20	27	22	28	36	32	31	34	25	28	10
	09-11	21	22	17	14	14	9	16	17	15	15	20	19	17	10
LESS THAN	12-14	17	17	13	11	9	4	9	11	9	9	14	16	12	10
	15-17	17	15	13	11	8	5	5	10	9	9	13	14	11	10
1500/3	18-21	16	16	14	11	10	10	8	16	9	8	15	13	12	7
	21-22	15	18	15	13	11	11	6	17	10	9	19	15	1	7
CIG/VSBY	06-08	18	22	18	15	18	9	11	18	18	23	24	19	18	10
	09-11	15	16	13	9	9	4	5	6	5	10	15	14	10	10
LESS THAN	12-14	13	13	11	8	5	2	3	3	5	6	9	11	7	10
	15-17	13	11	9	8	4	2	1	4	5	5	9	11	7	10
1000/2	18-21	12	12	9	9	7	2	1	5	4	4	12	11	7	7
	21-22	13	13	11	10	8	3	0	3	5	6	15	13	8	7
CIG/VSBY	06-08	4	5	3	1	1	#	1	2	4	9	7	5	4	10
	09-11	3	1	1	#	0	0	0	0	#	1	3	2	1	10
LESS THAN	12-14	2	1	#	0	0	0	#	0	0	0	1	#	#	10
	15-17	1	1	#	0	0	0	0	0	0	#	1	#	#	10
200/½	18-21	1	1	1	1	0	0	0	#	0	1	1	1	1	7
	21-22	1	3	1	2	1	0	0	0	0	2	1	1	1	7

A W S	STATION NAME: FORT BRAGG/SIMMONS AAF NC	FIELD ELEV: 242 FT
	LATITUDE/LONGITUDE: 35 08 N 078 56 W	STATION MSC: 746930
CLIMATIC BRIEF	HOURLY OBS POR: JUL 81 - JUN 91	CALL SIGN: KFBG
	SUMMARY OF DAY POR: JUL 61-JUN 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: MAY 87
FEB 92	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	79	82	89	95	98	103	104	107	98	98	85	80	107	31
MEAN MAX TEMP (F)	51	55	64	73	80	86	89	87	83	73	65	55	72	31
MEAN TEMP (F)	42	45	53	62	70	77	80	79	74	63	54	46	62	31
MEAN MIN TEMP (F)	33	35	43	51	60	67	71	70	65	53	44	36	52	31
EXTRM MIN TEMP (F)	-1	11	15	29	39	48	56	52	45	26	18	5	-1	31
D/W TEMP GE 95 (F)	0	0	0	#	1	2	4	3	1	1	0	0	12	31
D/W TEMP GE 90 (F)	0	0	0	1	3	8	13	11	5	1	0	0	42	31
D/W TEMP LT 33 (F)	16	13	5	1	0	0	0	0	0	1	4	13	53	31
D/W TEMP LT 20 (F)	3	1	#	0	0	0	0	0	0	0	#	1	5	31
HEATING DEGREE DAYS	710	553	359	139	27	1	#	0	9	126	326	610	2860	30
COOLING DEGREE DAYS	#	2	16	71	197	363	474	446	274	75	12	1	1931	30
MEAN DEWPOINT TEMP (F)	29	33	39	45	57	64	69	68	61	51	43	33	49	10
MEAN WET BULB TEMP (F)	37	41	47	53	62	69	73	71	65	56	49	41	55	10
99.95% WCPA (FT)	750	850	900	800	600	550	450	500	550	550	700	650	700	10
MEAN REL HUM 07 LST(%)	72.1	73.6	73.7	73.6	78.8	78.0	82.6	84.1	82.0	79.2	76.5	71.8	77.2	10
MEAN REL HUM 13 LST(%)	53.2	52.4	49.1	45.1	51.5	50.9	57.2	59.2	55.5	52.1	52.4	51.3	52.5	10
MAX 24HR PRECIP (IN)	3.24	3.31	3.44	5.21	2.25	4.62	4.50	3.24	4.52	4.57	4.62	2.61	5.21	31
MAX PRECIP (IN)	8.96	7.51	8.33	10.72	7.09	9.85	15.36	11.29	9.02	7.21	8.62	8.35	67.07	31
MEAN PRECIP (IN)	3.67	3.84	4.25	3.06	3.46	5.02	6.03	4.96	3.63	2.71	3.13	3.29	47.42	31
MIN PRECIP (IN)	.88	.92	.63	.43	1.01	.60	1.97	1.12	.09	.23	.34	.39	34.79	31
D/W PRECIP GE .01 (IN)	11	9	10	8	10	10	13	11	8	6	7	9	112	31
D/W PRECIP GT .50 (IN)	2	3	3	2	2	3	4	3	2	2	2	2	30	31
MAX 24HR SNFL (IN)	4.0	7.8	7.1	#	0	0	0	0	0	0	.1	4.0	7.8	31
MAX SNFL (IN)	8.1	7.8	8.5	#	0	0	0	0	0	0	.1	4.0	17.7	31
MEAN SNFL (IN)	1.2	1.3	.7	#	0	0	0	0	0	0	0	.5	3.8	31
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	#	1	4	31
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	31
MAX DLY SNO DEPTH (IN)	7	8	7	0	0	0	0	0	0	0	0	3	8	31
PRVLNG WND DIR (DEG)	$35-01	$35-01	$35-01	$20-22	$20-22	$20-22	$20-22	$20-22	$35-01	$35-01	$35-01	$35-01	$35-01	10
MEAN WND SPD (KTS)	4	4	5	5	4	4	3	3	3	3	4	4	4	10
MAX WND SPD (KTS)	61	66	56	64	47	63	54	61	68	60	51	46	68	30
SKY COVER GT 5/10 (%)	55.7	59.5	52.7	50.0	54.1	52.2	54.5	55.6	46.8	45.0	48.2	53.1	52.3	10
D/W THUNDERSTORMS	1	1	3	4	6	8	12	9	4	1	1	1	51	31
D/W FOG (VSBY LT 7 MI)	15	13	14	12	18	19	21	23	21	16	15	15	202	31

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
00 - 02	21.9	20.2	16.8	12.9	12.3	7.4	6.7	11.9	12.4	13.4	18.2	19.1	14.4	10
03 - 05	23.9	23.8	22.0	15.2	17.1	15.2	16.6	21.1	21.6	18.5	25.1	24.1	20.3	10
CIG 06 - 08	26.7	27.4	25.7	18.6	21.2	17.6	22.9	31.9	29.4	25.4	29.1	27.1	25.2	10
LT 3000 FT 09 - 11	24.8	28.0	23.5	14.8	14.6	9.4	14.0	22.7	18.4	19.4	22.8	24.0	19.7	10
AND/OR 12 - 14	22.3	24.8	18.6	9.6	8.1	5.1	8.8	13.3	12.0	15.2	15.7	18.3	14.3	10
VSBY 15 - 17	20.7	21.5	15.4	8.0	5.4	2.4	5.2	8.1	9.3	11.1	12.6	16.3	11.3	10
LT 3 MI 18 - 20	20.0	19.6	12.5	7.8	4.3	3.0	4.3	5.8	8.8	8.5	11.7	15.6	10.2	10
21 - 23	19.9	19.4	14.1	8.7	6.2	6.0	4.2	7.3	10.7	9.9	14.2	17.4	11.5	10
ALL	22.5	23.1	18.6	11.9	11.1	8.3	10.3	15.3	15.3	15.2	18.7	20.3	15.8	10
00 - 02	15.7	16.7	12.6	8.3	9.2	6.1	4.5	10.1	10.1	10.0	14.2	14.5	11.0	10
03 - 05	18.4	19.9	16.0	11.3	13.3	12.4	14.1	18.6	18.6	15.8	21.7	20.1	16.7	10
CIG 06 - 08	20.8	23.9	20.2	15.0	17.6	15.6	20.6	29.9	26.8	22.6	25.3	22.9	21.8	10
LT 1500 FT 09 - 11	20.2	22.9	16.8	9.3	9.0	4.0	8.7	15.4	13.7	14.9	19.3	21.0	14.6	10
AND/OR 12 - 14	18.5	18.9	12.2	5.0	2.7	1.8	2.7	4.6	5.9	8.9	10.8	15.2	8.9	10
VSBY 15 - 17	16.3	13.6	10.2	3.6	2.5	1.7	1.8	4.2	4.3	6.2	8.0	11.9	7.0	10
LT 3 MI 18 - 20	14.8	13.0	8.3	4.9	2.4	2.1	1.5	4.2	5.2	6.8	7.8	12.2	6.9	10
21 - 23	14.7	14.7	10.2	5.1	4.1	4.6	2.5	5.4	6.7	7.4	9.3	13.7	8.2	10
ALL	17.4	17.9	13.3	7.8	7.6	6.0	7.1	11.5	11.4	11.6	14.6	16.4	11.9	10
00 - 02	14.1	14.7	10.1	4.6	6.5	3.6	2.8	8.2	7.7	7.4	11.7	11.6	8.6	10
03 - 05	17.2	17.0	13.2	8.1	10.9	7.6	10.0	13.9	13.1	12.7	18.7	16.3	13.2	10
CIG 06 - 08	18.4	20.0	15.8	11.3	12.8	9.9	13.4	21.7	18.1	17.0	21.4	19.7	16.6	10
LT 1000 FT 09 - 11	16.8	18.2	11.8	5.2	4.7	1.4	4.2	8.6	8.6	11.4	14.2	17.4	10.2	10
AND/OR 12 - 14	14.7	13.7	8.3	2.2	1.8	.8	.9	1.2	3.3	4.8	7.4	11.6	5.9	10
VSBY 15 - 17	14.9	11.1	7.3	1.8	1.7	1.1	1.1	1.5	2.8	4.5	6.1	10.0	5.3	10
LT 2 MI 18 - 20	12.7	11.5	7.0	3.3	1.1	1.2	1.0	1.2	3.7	5.2	6.6	10.9	5.4	10
21 - 23	12.2	12.3	7.1	3.4	2.0	2.3	1.0	3.0	4.9	5.8	7.3	12.5	6.1	10
ALL	15.1	14.8	10.1	5.0	5.2	3.5	4.3	7.4	7.8	8.6	11.7	13.8	8.9	10
00 - 02	2.1	2.6	1.4	.2	.1	.2	.1	.9	.3	1.5	2.0	3.0	1.2	10
03 - 05	3.7	3.1	2.6	1.3	1.3	.7	1.5	2.7	1.7	3.3	3.7	3.6	2.4	10
CIG 06 - 08	4.0	4.4	3.1	2.1	.8	1.0	1.2	2.9	2.0	5.7	5.1	5.6	3.2	10
LT 200 FT 09 - 11	2.1	2.1	.2	.0	.0	.0	.0	.1	.2	.5	1.7	3.4	.9	10
AND/OR 12 - 14	.8	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.9	.2	10
VSBY 15 - 17	.6	.0	.0	.1	.0	.0	.3	.1	.0	.0	.7	.5	.2	10
LT 1/2 MI 18 - 20	.8	.4	.3	.0	.0	.0	.1	.0	.0	.1	.7	1.3	.3	10
21 - 23	2.5	.6	.3	.0	.0	.0	.0	.0	.3	.4	.3	2.0	.5	10
ALL	2.1	1.7	1.0	.5	.3	.2	.4	.8	.6	1.5	1.8	2.5	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : 0

AWS CLIMATIC BRIEF

NEW RIVER MCAS/JACKSONVILLE, NO. CAROLINA PERIOD 1955-68 WBAN # 93727 WMO #

Prepared by ETAC (JAN 1972) N 34 42 W 77 26 FIELD ELEVATION: 24 ft STN LTRS KNCA

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (ft) 99,925	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (TENTHS)
JAN	79	55	33	14	5.0	2.1	2	2	N	7	53	86	60	35	.20	600	11	3	1	#	#	19	0	0	16	0	5
FEB	84	57	36	13	5.3	2.2	1	3	N	7	56	83	58	36	.21	700	10	4	#	#	#	15	0	#	12	0	6
MAR	87	64	42	18	2.6	1.4	#	#	W	8	46	84	53	42	.27	650	7	2	0	0	1	16	0	2	5	0	5
APR	93	73	51	30	3.0	4.3	0	0	S	8	46	87	50	50	.36	530	10	2	0	0	4	16	#	8	#	0	5
MAY	98	80	60	32	3.9	2.2	0	0	S	7	51	90	56	59	.50	460	10	3	0	0	6	20	3	17	#	0	6
JUN	98	85	67	45	5.7	2.5	0	0	S	6	53	94	62	67	.67	300	11	4	0	0	5	22	6	25	0	0	6
JUL	97	88	72	58	10.5	5.4	0	0	SW	5	56	94	65	71	.76	250	10	7	0	0	12	17	12	30	0	0	6
AUG	101	87	71	57	5.7	2.5	0	0	S	5	42	95	65	71	.76	250	12	4	0	0	11	21	12	29	0	0	6
SEP	95	79	65	46	4.1	4.0	0	0	NE	6	70	94	63	66	.64	350	8	2	0	0	2	21	3	22	0	0	5
OCT	91	74	54	24	2.6	1.7	0	0	NE	6	46	92	59	55	.44	450	6	2	0	0	#	21	#	8	1	0	5
NOV	86	66	44	23	2.2	3.2	#	#	N	6	50	89	56	46	.31	550	6	1	0	0	1	18	0	1	5	0	5
DEC	82	57	36	10	3.4	2.4	#	#	N	6	46	87	55	37	.22	500	10	2	#	0	#	17	0	#	14	0	5
ANN	101	76	53	10	54.0	5.4	3	3	N	6	70	90	59	53	.40	500	113	36	1	#	42	223	36	142	53	0	5
EYR	14	14	14	14	7	5	7	5	14	14	12	14	14	14	14	14		7	7	7	7	7	14	14	14	14	14

DEPARR

Number Observed Within: (POR: 1900-1970)	FEB A/B	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
60 NM	0/0	0/0	2/0	5/2	6/5	14/7	6/3	1/0	0/0	34/17
(A) Hurricanes/Tropical Storms 120 NM	0/0	1/1	4/0	5/4	11/9	23/14	10/5	1/0	0/0	55/31
(B) Hurricanes Only 240 NM	1/0	4/1	9/3	11/7	25/16	38/24	23/10	4/3	1/1	116/65

GMOS (NAVY) POR: HRLY and DAILY OBS: 5501-6812

NOTE: *DATA NOT AVAILABLE. @LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	28	24	18	17	21	18	14	14	18	16	13	16	18	6
	03-05	26	25	19	19	29	29	20	22	27	22	16	15	22	11
	06-08	27	28	26	19	24	30	21	22	30	24	21	21	24	14
	09-11	24	26	23	19	25	34	33	31	30	21	17	16	25	14
	12-14	25	25	22	17	23	37	43	39	35	25	19	17	27	14
	15-17	23	21	20	12	19	25	29	28	23	19	12	16	21	14
	18-20	22	21	18	12	16	18	16	15	15	15	12	15	16	14
	21-23	25	22	16	11	19	15	11	13	13	15	11	17	16	11
	ALL HOURS	25	24	21	16	22	27	25	25	25	20	16	17	22	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	20	15	12	11	14	11	5	9	12	9	7	12	11	6
	03-05	20	17	14	15	20	22	13	16	21	15	11	11	16	11
	06-08	23	22	21	15	18	23	14	18	25	20	16	15	19	14
	09-11	19	19	16	9	11	16	9	12	13	14	11	11	13	14
	12-14	18	16	12	6	6	8	6	7	8	10	8	10	10	14
	15-17	16	14	11	5	7	7	5	8	6	7	7	8	8	14
	18-20	15	14	11	6	8	7	4	7	7	7	8	9	9	14
	21-23	18	12	10	6	10	8	2	6	7	7	5	12	9	11
	ALL HOURS	18	17	14	9	11	13	7	10	12	12	9	11	12	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	14	12	10	7	8	5	2	5	8	7	5	9	8	6
	03-05	14	13	12	11	14	15	10	10	15	11	7	8	12	11
	06-08	17	17	16	11	14	15	10	13	19	15	11	12	14	14
	09-11	14	14	11	4	6	7	4	6	8	9	8	8	8	14
	12-14	13	12	8	3	4	4	2	4	4	5	6	6	6	14
	15-17	12	11	8	3	5	4	2	5	4	4	4	6	6	14
	18-20	11	11	9	5	5	4	2	4	4	5	4	7	6	14
	21-23	12	9	8	5	8	4	1	3	5	5	3	9	6	11
	ALL HOURS	14	13	10	6	8	7	4	6	8	8	6	8	8	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	1	2	3	2	1	1	1	0	1	2	1	1	1	6
	03-05	2	2	4	2	3	4	3	1	5	4	3	1	3	11
	06-08	3	2	2	2	2	3	2	3	4	3	3	2	3	14
	09-11	1	1	#	0	0	#	#	0	#	#	1	#	#	14
	12-14	0	#	#	0	0	0	0	0	#	0	0	#	#	14
	15-17	0	#	#	#	#	#	#	#	#	0	0	0	#	14
	18-20	#	1	1	#	0	#	#	#	#	#	#	#	#	14
	21-23	1	1	2	1	#	0	0	0	0	#	1	1	1	11
	ALL HOURS	1	1	1	1	1	1	1	1	1	1	1	1	1	

PREPARED BY: USAFETAC
MARCH 1985

STATION NAME : POPE AFB NC
LOCATION : N35 10 W079 01

PERIOD : JUL 77-NOV 83
ELEV : 218 FT

STN LTRS: RPOB
WBAN NO: 723030

AWS CLIMATIC BRIEF

MEAN RELATIVE HUMIDITY (%) — 06 | 09 | 12 | 15 | 18 | 21

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	06	09	12	15	18	21	PRESSURE (MB) 06	PRESSURE (MB) 09	PRESSURE (MB) 12	PRESSURE (MB) 15	PRESSURE (MB) 18	PRESSURE (MB) 21	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (ET) 00	MEAN CLOUD COVER 00 (tenths)	THUNDERSTORMS	FOG VSBY <7/8	TEMPERATURE (°F) MAX ≥95	TEMPERATURE (°F) MAX ≥90	TEMPERATURE (°F) MIN ≤32	TEMPERATURE (°F) MIN ≤25
JAN	57	32	42	80	5	3.1	6.6	.9	2.2	1	10	5	76				70								800	W	4	67	6	10	2	1	0	14	0	0	18	8
FEB	56	33	45	86	5	3.7	7.9	.5	4.8	1	11	9	74	64	.17	30	800	N	4	56	6	9	2	1	0	1	11	0	0	14	5
MAR	64	40	52	90	11	3.9	7.8	.9	3.2	1	11	8	76	68	.24	39	850	WSW	5	59	6	10	3	0	0	2	12	0	0	8	1
APR	74	49	62	95	25	3.2	7.4	.4	3.9	0	1	1	72	61	.30	45	750	SW	5	48	5	8	2	0	0	3	10	0	1	1	0
MAY	81	58	70	99	31	3.6	8.0	.4	2.6	0	0	0	79	51	.47	57	700	SSW	4	54	6	10	3	0	0	6	15	1	0	0	0
JUN	87	66	77	106	42	4.4	8.6	1.6	2.9	0	0	0	82	54	.60	64	650	WSW	4	51	6	10	3	0	0	7	17	4	11	0	0
JUL	89	70	80	105	54	6.1	15.8	1.6	3.8	0	0	0	82	55	.71	69	450	SW	3	56	6	12	4	0	0	10	18	5	16	0	0
AUG	88	69	79	103	47	5.1	13.1	.9	4.3	0	0	0	83	55	.69	68	400	SW	3	56	6	11	3	0	0	9	21	3	14	0	0
SEP	83	62	73	102	38	3.9	12.0	.8	4.5	0	0	0	85	57	.58	63	500	NNE	3	46	4	8	2	0	0	4	20	1	5	0	0
OCT	74	50	62	97	25	2.9	10.4	.2	5.1	0	0	0	82	50	.35	49	600	NNE	3	61	5	6	2	0	0	1	17	0	1	1	0
NOV	64	40	52	87	15	2.9	10.0	.2	5.2	0	0	0	83	52	.27	42	600	W	3	57	5	7	2	0	0	1	14	0	0	0	2
DEC	55	33	44	79	8	3.3	8.1	.3	2.6	1	26	23	78	55	.19	33	750	SW	4	48	6	9	2	0	0	8	13	0	0	17	6
ANN	72	50	61	106	5	46.3	15.8	0	5.2	4	26	23	79	52	.35	49	650	SW	4	57	6	110	30	2	0	43	182	14	51	67	27
YR	46	46	46	46	46	45	45	45	36	38	38	10	10	10	10	10	11	10	10	13	10	95	45	38	38	38	36	46	46	46	46

MEAN NUMBER OF DAYS OCCURRENCE OF

MONTH	PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.0
JAN	10	2	1	0
FEB	9	2	1	0
MAR	10	3	0	0
APR	8	2	0	0
MAY	10	3	0	0
JUN	10	3	0	0
JUL	12	4	0	0
AUG	11	3	0	0
SEP	8	2	0	0
OCT	6	2	0	0
NOV	7	2	0	0
DEC	9	2	0	0
ANN	110	30	2	0
YR	95	45	38	38

REMARKS: RUSSMO POR:
HOURL OBS: DEC 73 - NOV 83
DAILY OBS: JUL 77 - NOV 83

NUMBER OBSERVED WITHIN: (1900-1928)

	A/B	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
(A) Hurricanes	60NM	0/0	0/1	0/0	0/0	0/2	0/0	0/0	0/3
	120NM	0/0	0/1	1/5	0/8	2/5	0/2	0/0	3/21
(B) Tropical Storms	240NM	1/2	0/10	3/6	17/19	13/13	5/10	1/1	40/61

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM GRTR % PLVG DRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%)

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	27	18	17	10	13	11	9	8	18	14	18	21	15	
	03-05	31	21	20	15	24	22	20	23	29	20	21	25	23	
	06-08	32	23	23	18	27	23	24	30	37	23	26	26	26	
	09-11	26	23	20	14	16	12	11	13	23	17	21	26	19	
	12-14	24	18	17	8	6	6	5	7	15	12	16	23	13	
	15-17	21	16	16	5	5	4	4	5	10	9	13	19	11	
	18-20	21	15	16	7	6	5	4	4	10	9	13	18	11	
	21-23	23	17	17	10	8	7	6	5	12	9	16	19	12	
	ALL HRS	26	19	18	11	13	12	10	12	19	14	18	22	16	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	21	13	15	7	10	8	7	6	16	9	15	18	12	
	03-05	26	17	18	10	21	19	18	21	25	15	19	21	19	
	06-08	26	20	20	13	22	20	21	30	32	19	23	20	22	
	09-11	24	19	16	8	9	7	7	8	17	10	17	20	14	
	12-14	19	14	13	3	4	3	1	2	7	6	10	16	8	
	15-17	16	12	10	3	3	2	2	2	4	4	9	13	7	
	18-20	16	12	12	5	3	3	2	3	5	5	10	15	8	
	21-23	17	13	14	6	5	4	4	3	8	6	13	16	9	
	ALL HRS	21	15	15	7	10	8	8	8	14	9	15	17	12	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	17	11	12	5	7	6	4	4	9	6	12	15	9	
	03-05	21	13	15	7	15	13	11	13	17	11	15	17	14	
	06-08	23	16	16	10	16	13	13	20	23	13	18	16	16	
	09-11	20	15	12	4	5	3	2	4	11	6	13	16	9	
	12-14	15	10	9	1	3	2	0	1	3	3	7	12	6	
	15-17	12	8	7	2	2	1	1	1	3	2	7	11	5	
	18-20	13	9	9	3	2	1	1	1	3	2	7	11	5	
	21-23	13	10	11	4	3	2	2	1	5	3	9	13	6	
	ALL HRS	17	12	11	5	7	5	4	4	8	6	11	14	9	16
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	2	1	0	0	0	0	0	0	1	2	2	1	
	03-05	4	3	2	1	2	1	1	2	1	2	3	3	2	
	06-08	3	2	3	1	1	1	1	2	3	3	3	3	2	
	09-11	2	1	1	0	0	0	0	0	0	0	0	2	1	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	1	1	1	0	0	0	0	0	0	0	0	1	0	
	21-23	2	1	0	0	0	0	0	0	0	0	1	1	0	
	ALL HRS	2	1	1	0	0	0	0	0	1	1	1	2	1	10

PREPARED BY: USAFETAC
MAY 1985

STATION NAME: SEYMOUR JOHNSON AFB NC
LOCATION: N35 20 W077 58

PERIOD: OCT 43-FEB 85
ELEV: 109 FT

STN LTRS: BGSB
WBAN NO: 723066

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (mb)	MEAN DEW PT (°F)	MEAN PRESSURE ALTIMETER (IN) 99.99%	SURFACE WINDS PVLG DIRCTN (TENS PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01 (in)	PRECIP ≥ 0.5 (in)	SNOWFALL ≥ 0.1 (in)	SNOWFALL ≥ 1.0 (in)	THUNDER STORMS	FOG VSBY < 1/4 MI	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 32	MIN ≤ 25
JAN	51	33	42	82	-1	3.9	7.2	1.4	3.0	2	13	5	74	56	.15	27	750	S	N	5	63	6	10	3	1	0	1	14	0	0	16	6
FEB	54	35	45	85	9	4.1	8.7	1.0	2.6	2	13	12	77	54	.18	32	700	S	N	5	65	6	9	3	1	0	1	12	0	0	12	4
MAR	63	42	53	90	19	4.3	9.2	.8	4.2	1	13	11	77	53	.25	40	800	S	N	6	56	6	10	3	1	0	2	13	0	0	0	0
APR	73	50	62	95	30	3.0	6.4	.2	2.3	0	8	8	74	46	.31	46	700	S	W	5	56	5	8	2	0	0	4	12	0	1	0	0
MAY	82	59	70	97	35	3.7	6.8	.5	4.2	0	0	0	80	52	.47	57	500	S	S	4	45	6	9	2	0	0	4	17	0	3	0	0
JUN	88	66	76	104	47	4.7	9.2	.7	4.1	0	0	0	82	56	.60	64	450	S	S	4	45	6	10	3	0	0	4	20	2	0	0	0
JUL	90	71	80	104	54	6.9	12.5	1.6	5.0	0	0	00	84	59	.71	69	350	SSSW		3	52	6	13	4	0	0	11	22	3	13	0	0
AUG	87	70	79	105	49	5.3	11.3	1.9	5.1	0	0	0	87	56	.71	69	300	S	S	3	51	5	10	3	0	0	9	23	2	11	0	0
SEP	83	64	74	99	44	4.9	13.9	.4	4.1	0	0	0	87	58	.58	63	400	S	N	3	40	4	6	3	0	0	4	22	1	4	0	0
OCT	73	52	63	90	25	2.6	9.0	.4	5.9	0	0	0	85	54	.39	52	500	S	N	4	57	5	7	2	0	0	8	20	0	8	0	0
NOV	64	43	54	87	19	3.0	6.9	.4	5.2	0	0	0	82	53	.28	41	550	S	N	4	47	5	7	2	0	0	3	16	0	0	4	0
DEC	55	36	46	80	9	3.4	7.1	.4	2.9	3	18	13	78	57	.20	35	450	S	N	4	44	4	9	3	0	0	3	15	0	0	13	4
ANN	71	52	62	105	-1	50.0	13.9	.2	6.1	6	18	13	81	58	.36	50	600	S	W	4	45	6	110	33	1	0	93	205	8	90	44	16
#	31	31	31	31	31	31	31	31	31	29	29	29	10	10	10	10	11	10	10	24	10	31	31	29	29	29	29	31	31	31	31

REMARKS: RUSSMO POR:
HOURLY OBS: MAR 75 - FEB 85
SUMMARY OF DAY DATA: OCT 43 - JUL 46, JAN 57 - FEB 85

NUMBER OBSERVED WITHIN: (1900-1982)

		A/B	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
(A)	Hurricanes	120NM	0/0	0/1	0/2	0/2	0/1	0/0	0/0	0/6
(B)	Tropical Storms	240NM	1/2	1/10	3/7	5/4	4/5	0/2	0/1	10/20
						18/19	14/17	6/12	0/1	43/68

NOTE: * DATA NOT AVAILABLE; # AMTS < UNITS SHOWN IN HEADING; ** INSTANTANEOUS PEAK WINDS; § % CALM SCTR % PVLG. DRCTN; ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	21	18	18	11	12	7	8	9	13	16	18	18	14	
	03-05	22	18	20	14	23	20	21	26	25	25	21	22	21	
	06-08	24	21	25	19	24	19	24	36	36	30	25	26	26	
	09-11	23	20	20	12	13	8	10	9	18	20	19	22	16	
	12-14	19	17	18	10	7	4	5	3	11	12	15	20	12	
	15-17	18	14	15	7	4	4	4	4	9	9	12	18	10	
	18-20	17	14	15	7	6	5	4	4	11	9	13	17	10	
	21-23	19	16	17	9	7	6	5	7	12	10	15	18	12	
	ALL HRS	20	17	19	11	12	9	10	12	17	16	17	20	15	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	16	13	15	8	8	6	7	7	11	13	15	15	11	
	03-05	17	15	16	12	20	17	20	25	24	21	18	18	19	
	06-08	21	17	21	15	22	16	22	34	34	26	23	21	23	
	09-11	19	16	16	8	9	5	6	6	13	16	14	19	12	
	12-14	15	12	12	3	4	2	1	2	7	7	10	14	7	
	15-17	14	9	9	4	3	2	2	2	5	6	8	12	6	
	18-20	13	10	11	5	3	3	2	3	6	5	10	13	7	
	21-23	14	13	13	6	4	3	4	5	7	7	12	14	9	
	ALL HRS	16	13	14	8	9	7	8	11	13	12	14	16	12	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	12	11	5	6	4	4	4	8	9	12	13	9	
	03-05	12	13	13	9	15	12	13	15	17	14	14	15	14	
	06-08	16	14	16	12	17	13	15	24	25	20	16	17	17	
	09-11	15	12	12	5	5	2	2	4	9	9	12	14	8	
	12-14	13	7	9	2	2	1	1	1	3	3	6	10	5	
	15-17	12	7	7	2	2	2	1	1	2	2	6	10	5	
	18-20	11	7	7	3	2	2	1	1	4	3	7	10	5	
	21-23	12	11	10	5	3	2	2	2	4	4	9	11	6	
	ALL HRS	13	10	11	5	7	5	5	7	9	8	11	13	9	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	2	1	0	0	0	0	0	1	2	1	3	1	
	03-05	2	3	2	1	2	1	1	2	2	3	5	5	2	
	06-08	1	3	3	1	2	1	2	4	2	5	4	5	3	
	09-11	0	1	1	0	0	0	0	0	0	1	0	2	0	
	12-14	0	1	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	1	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	1	1	1	0	0	0	0	0	0	0	1	1	0	
	ALL HRS	1	1	1	0	1	0	0	1	1	1	1	2	1	10

AWS CLIMATIC BRIEF

Prepared by ETAC (JAN 1972)

WILMINGTON/NEW HANOVER CO., NORTH CAROLINA PERIOD: 1931-70B

N 34 16 W 77 54 FIELD ELEVATION: 31 ft

WBAN # 13748
WMO # 72301
STN LTRS: ILM

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN			MEAN NUMBER OF DAYS						TEMPERATURE (°F)				MEAN CLDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FASTEST SPEED/MILE) 1,2	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	
JAN	79	58	36	13	2.9	2.0	#	3	NW	8	50	83	58	37	10	2	#	#	#	13	0	0	13	0	5
FEB	85	59	39	11	3.4	2.7	#	3	N	9	57	83	58	39	10	3	#	#	1	12	0	#	8	0	6
MAR	88	65	44	24	4.0	3.3	#	5	SSW	10	49	83	54	43	10	3	#	#	2	12	0	2	4	0	5
APR	95	74	52	33	2.9	3.5	0	0	SW	10	49	84	51	51	8	2	0	0	3	10	1	8	0	0	5
MAY	98	81	61	35	3.5	5.0	0	0	SW	8	40	90	55	61	9	3	0	0	6	11	3	20	0	0	5
JUN	104	87	68	50	4.3	7.7	0	0	SW	8	47	92	59	68	11	3	0	0	8	11	9	26	0	0	5
JUL	101	89	71	58	7.7	5.6	0	0	SW	7	37	92	63	72	14	4	0	0	12	10	15	30	0	0	6
AUG	102	88	70	57	6.9	3.9	0	0	SW	7	63	93	63	71	12	4	0	0	9	14	13	30	0	0	5
SEP	96	84	65	46	6.3	8.2	0	0	N	8	76	92	62	66	9	3	0	0	3	14	4	23	0	0	5
OCT	95	76	54	27	3.0	4.3	0	0	N	8	71	90	57	56	7	2	0	0	1	15	#	9	#	0	5
NOV	86	67	44	16	3.1	4.8	#	#	N	8	51	87	56	46	7	2	0	0	1	13	0	2	4	0	5
DEC	81	59	37	10	3.1	3.2	1	4	N	8	41	82	57	38	9	2	#	#	#	12	0	#	12	0	5
ANN	104	74	54	10	51.4	8.2	1	5	N, SW	8	76	88	58	54	116	33	#	#	46	147	45	150	41	0	5
EYR	22	30	30	22	30	22	19	22	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

REMARKS

Number Observed Within:	FEB A/B	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
(POR: 1949-1970) 60 NM:	0/0	0/0	2/0	5/1	5/3	10/4	6/3	1/0	0/0	29/11
(A) HURRICANES/TROPICAL STORMS 120 NM:	0/0	0/0	5/1	8/4	9/7	21/13	11/4	1/0	1/1	56/30
(B) HURRICANES ONLY 240 NM:	1/0	2/1	11/3	11/6	26/14	38/21	26/11	4/3	1/1	120/60

RUSSWO POR: HRLY and DAILY OBS: 4801-4906, 5005-6711. [2]FASTEST MILE CONVERTED TO KNOTS.

[1]1970 NOAA/EDS LCD ANNUAL SUMMARY used.

NOTE; [3]DATA NOT AVAILABLE. [4]LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	20	21	18	12	14	16	10	12	19	21	17	19	17	15
	03-05	23	23	22	14	23	22	15	18	25	27	21	21	21	14
	06-08	24	26	23	17	21	19	16	19	27	28	21	21	22	18
	09-11	21	24	21	16	21	22	25	24	25	21	16	18	21	18
	12-14	20	20	16	13	17	19	23	22	22	18	13	17	18	18
	15-17	17	17	13	10	12	14	13	13	16	15	11	16	14	18
	18-20	16	20	15	9	11	12	9	11	12	15	12	16	13	18
	21-23	18	19	18	10	9	11	9	9	13	16	15	16	14	18
	ALL HOURS	20	21	19	13	16	17	15	16	20	20	16	18	17	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	16	15	13	9	10	10	6	9	11	16	13	14	12	15
	03-05	18	18	17	11	18	16	10	14	19	22	16	16	16	14
	06-08	19	20	20	12	16	14	10	15	23	23	18	17	17	18
	09-11	16	19	15	7	9	9	7	9	13	13	12	14	12	18
	12-14	13	13	10	6	5	6	4	6	7	8	8	11	8	18
	15-17	11	11	9	6	5	5	3	5	5	8	7	10	7	18
	18-20	11	13	10	6	6	6	3	6	6	8	7	10	8	18
	21-23	13	14	11	6	6	5	4	6	7	10	11	12	9	18
	ALL HOURS	14	15	11	8	9	9	6	9	11	13	11	13	11	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	12	12	9	6	6	6	3	4	7	11	10	9	8	15
	03-05	14	15	13	8	11	11	6	9	12	18	12	11	12	14
	06-08	15	16	16	10	11	11	8	11	17	19	13	14	13	18
	09-11	12	13	10	4	4	4	4	5	7	8	7	10	7	18
	12-14	9	9	7	3	2	3	2	3	4	5	4	8	5	18
	15-17	8	8	7	3	3	3	1	3	3	4	4	7	5	18
	18-20	8	9	8	4	4	2	2	3	4	5	5	7	5	18
	21-23	10	9	8	4	3	3	2	3	4	7	7	9	6	18
	ALL HOURS	11	12	10	5	5	5	3	5	7	9	8	9	7	
CIG less than 200 feet and/or VSBY less than ¼ mile	00-02	3	2	2	#	1	1	#	#	1	2	1	2	1	15
	03-05	5	2	3	1	4	3	1	2	3	5	3	3	3	14
	06-08	3	2	2	1	1	1	#	2	3	3	3	3	2	18
	09-11	#	#	#	0	0	0	0	0	#	0	#	1	#	18
	12-14	0	0	#	0	#	0	#	#	#	0	0	0	#	18
	15-17	0	#	#	0	0	#	#	0	#	0	#	0	#	18
	18-20	1	1	#	#	#	#	0	0	0	#	#	1	#	18
	21-23	2	1	1	#	#	#	#	#	0	1	2	2	1	18
	ALL HOURS	1	1	1	#	1	1	#	#	1	1	1	1	1	

A W S CLIMATIC BRIEF January 1988	Station Name: HECTOR IAP FARGO ND Latitude/Longitude: N46 55 W096 49 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 48 to May 87 LST = GMT -6	Field Elev: 900 ft Station MSC: 727530 Call Sign: KFAR Supersedes: Mar 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	52	66	78	100	98	99	102	106	102	93	73	57	106	39
MEAN MAX TEMP °F	14	21	34	53	68	77	83	81	70	57	37	21	51	39
MEAN TEMP °F	5	12	25	43	56	65	71	69	58	47	28	12	41	39
MEAN MIN TEMP °F	-4	3	16	32	44	54	59	57	46	35	20	4	30	39
XTRM MIN TEMP °F	-36	-34	-34	-7	20	30	36	33	19	5	-24	-32	-36	39
D/W TEMP ≥ 90°F	0	0	0	#	1	2	5	5	1	#	0	0	14	39
D/W TEMP ≥ 80°F	0	0	0	1	5	11	21	18	6	1	0	0	63	39
D/W TEMP ≤ 32°F	31	28	28	16	4	#	0	0	2	12	27	31	179	39
D/W TEMP ≤ 0°F	19	13	5	#	0	0	0	0	0	0	2	13	52	39
VPR PRESS ("Hg)	.05	.06	.11	.17	.25	.39	.50	.45	.31	.20	.11	.06	.17	10
MEAN DEWPOINT °F	1	8	20	30	40	52	59	56	46	35	20	5	31	10
99.95% WCPA Ft	1650	1550	1600	1600	1550	1500	1400	1400	1550	1600	1700	1750	1600	10
MEAN RH 07 LST %	73	77	80	74	68	76	80	82	82	81	81	76	78	10
MEAN RH 13 LST %	70	72	69	50	45	53	53	54	56	59	68	71	60	10
MAX 24HR PRECIP "	.8	.7	1.1	1.8	4.0	2.8	3.9	2.8	3.4	3.1	1.6	.7	4.0	39
MAX PRECIP "	1.4	1.7	2.3	5.3	7.3	9.4	8.4	6.5	6.1	7.0	4.6	2.2	9.4	39
MEAN PRECIP "	.6	.5	.9	1.8	2.4	3.0	3.3	2.4	1.8	1.6	.8	.6	19.7	39
MIN PRECIP "	.1	#	#	#	.5	.6	.4	.2	.1	.1	#	#	#	39
D/W PRECIP ≥ .01"	8	7	8	8	10	10	10	9	8	7	6	8	99	39
D/W PRECIP ≥ .5"	#	#	#	1	1	2	2	1	1	1	#	#	9	39
MAX 24HR SNFL "	16	11	6	9	1	0	0	0	#	7	12	7	16	39
MAX SNFL "	30	20	19	13	1	0	0	0	#	8	24	20	30	39
MEAN SNFL "	8	6	7	3	#	0	0	0	#	1	5	7	37	39
D/W SNFL ≥ .1"	9	7	7	2	#	0	0	0	0	1	4	8	38	39
D/W SNFL ≥ 1.5"	2	1	1	1	0	0	0	0	0	#	1	1	7	39
MEAN WND DRCTN	N	N	N	N	S	SSE	SSE	SSE	SSE	SSE	S	S	SSE	10
MEAN WND SPD Kts	10	10	11	11	10	9	9	9	9	11	10	10	10	10
MAX WND SPD** Kts	52	51	50	55	52	70	62	57	44	50	53	48	70	17
MEAN CLD CVR 10th	6	7	7	6	6	6	6	6	6	6	7	7	6	10
D/W TSTORMS	0	#	#	1	4	7	9	6	3	1	#	#	31	39
D/W FOG VSBY <7mi	7	8	9	6	6	5	4	5	6	6	7	9	78	39

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS:

A W S CLIMATIC BRIEF	Station Name: HECTOR IAP FARGO ND	Field Elev: 900 ft
January 1988	Latitude/Longitude: N46 55 W096 49	Station NSC: 727530
	Hourly Obs POR: Jun 77 to May 87	Call Sign: KFAR
	Summary of Day POR: Jan 48 to May 87	
	LST = GMT -6	Supersedes: Mar 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	30	30	27	15	13	8	5	7	14	20	33	30	19	
	03-05	31	34	28	18	14	10	6	11	19	19	34	33	21	
CIG/VSBY	06-08	32	36	30	20	18	13	10	14	22	23	35	33	24	
	09-11	31	35	32	23	19	15	10	13	27	29	35	33	25	
LESS THAN	12-14	30	34	33	22	15	12	7	11	23	29	33	33	24	
	15-17	29	33	30	17	11	7	2	7	16	23	31	29	20	
3000/3	18-20	27	31	27	12	9	5	2	4	13	19	30	29	17	
	21-23	27	30	27	12	9	7	3	5	14	18	30	30	18	
	00-24	30	33	29	17	14	10	6	9	19	23	33	31	21	10
	00-02	17	20	17	8	7	4	3	3	8	11	20	19	11	
	03-05	17	23	20	11	9	6	4	9	12	11	21	21	14	
CIG/VSBY	06-08	18	25	20	12	10	8	7	12	14	14	24	23	16	
	09-11	22	27	21	12	10	6	6	9	15	16	23	24	16	
LESS THAN	12-14	21	23	20	10	5	4	2	4	10	13	19	23	13	
	15-17	21	22	17	7	5	3	#	2	7	11	17	20	11	
1500/3	18-20	16	19	16	6	5	2	#	2	7	8	17	17	10	
	21-23	15	20	17	5	5	2	1	2	7	9	19	18	10	
	00-24	18	22	19	9	7	4	3	5	10	12	20	21	13	10
	00-02	11	15	13	5	4	2	2	2	4	8	13	15	8	
	03-05	11	16	14	8	5	4	3	7	7	8	15	17	10	
CIG/VSBY	06-08	12	17	15	9	6	5	5	10	10	10	18	17	11	
	09-11	15	18	16	8	4	3	3	6	9	10	17	17	11	
LESS THAN	12-14	13	15	14	5	3	2	1	2	5	7	13	16	8	
	15-17	13	14	11	5	3	1	#	1	4	5	11	14	7	
1000/2	18-20	10	12	10	3	3	1	#	#	4	5	11	13	6	
	21-23	9	13	12	3	3	1	1	1	4	7	13	13	7	
	00-24	12	15	13	6	4	2	2	4	6	8	14	15	8	10
	00-02	2	3	2	#	0	#	#	1	#	#	1	3	1	
	03-05	2	3	2	1	#	2	1	1	#	#	3	3	2	
CIG/VSBY	06-08	2	3	3	1	#	1	1	2	1	1	3	3	2	
	09-11	1	1	2	#	0	0	0	#	#	0	1	3	1	
LESS THAN	12-14	1	1	1	0	0	0	#	0	0	0	2	2	1	
	15-17	1	1	#	0	0	0	0	#	0	#	2	1	#	
200/½	18-20	2	1	#	0	0	0	0	0	0	0	1	2	1	
	21-23	2	2	1	0	0	0	0	0	0	1	1	3	1	
	00-24	2	2	1	#	#	#	#	1	#	#	2	3	1	10

A W S CLIMATIC BRIEF December 1987	Station Name: GRAND FORKS AFB, ND Latitude/Longitude: N47 58 W097 24 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Jun 59 to Jul 87 LST = GMT -6	Field Elev: 911 ft Station WSC: 727575 Call Sign: KRDR Supersedes: May 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	46	56	79	99	100	99	101	105	101	88	74	57	105	28
MEAN MAX TEMP °F	12	19	32	51	66	75	81	79	67	55	34	19	49	28
MEAN TEMP °F	4	11	24	41	55	64	70	67	56	45	27	11	40	28
MEAN MIN TEMP °F	-4	2	16	31	43	53	58	55	45	35	19	3	30	28
XTRM MIN TEMP °F	-35	-36	-31	-3	2	27	39	33	23	7	-28	-35	-36	28
D/W TEMP ≥ 90°F	0	0	0	0	1	1	3	4	1	0	0	0	10	28
D/W TEMP ≥ 80°F	0	0	0	1	4	9	18	15	5	1	0	0	53	28
D/W TEMP ≤ 32°F	31	28	28	17	4	#	0	0	2	12	27	31	180	28
D/W TEMP ≤ 00°F	20	13	5	#	0	0	0	0	0	0	3	14	55	28
VPR PRESS "Hg	.04	.06	.11	.17	.24	.36	.49	.42	.29	.20	.10	.05	.17	10
MEAN DEWPOINT °F	-1	6	20	31	39	50	58	54	44	34	18	4	30	10
99.95% WCPA Ft	1650	1600	1600	1600	1550	1500	1400	1400	1600	1600	1700	1750	1600	10
MEAN RH 07 LST %	70	73	78	75	66	73	77	79	78	78	75	71	74	10
MEAN RH 13 LST %	69	72	71	53	44	51	53	52	55	59	67	69	60	10
MAX 24HR PRECIP "	.9	.7	1.2	1.2	3.1	2.3	2.3	2.9	2.8	1.9	1.4	.7	3.1	28
MAX PRECIP "	2.4	3.2	2.9	4.0	7.8	8.1	6.7	5.5	6.2	5.7	3.3	1.4	8.1	28
MEAN PRECIP "	.7	.6	1.0	1.6	2.5	3.0	2.9	2.5	2.5	1.6	.8	.6	20.3	28
MIN PRECIP "	.1	.1	#	#	.5	.8	.7	.4	.3	.2	#	.1	#	28
D/W PRECIP ≥ .01"	8	7	7	8	9	10	10	9	8	7	6	7	96	28
D/W PRECIP ≥ .5"	#	#	#	1	1	2	2	1	2	1	#	#	10	28
MAX 24HR SNFL "	6	7	12	10	3	@0	@0	@0	2	6	9	7	12	28
MAX SNFL "	21	33	26	15	4	0	0	0	2	8	23	15	33	28
MEAN SNFL "	8	6	8	4	#	0	0	0	#	2	7	6	41	28
D/W SNFL ≥ .1"	8	7	6	3	#	0	0	0	#	1	5	7	37	28
D/W SNFL ≥ 1:5"	2	1	2	1	#	0	0	0	#	#	1	1	8	28
MEAN WND DRCTN	N	N	N	N	N	N	S	S	N	S	N	S	N	10
MEAN WND SPD Kts	9	9	9	9	9	8	7	7	8	9	9	9	8	10
MAX WND SPD** Kts	54	57	63	62	55	46	54	59	59	55	55	51	63	28
MEAN CLD CVR 10th	6	7	7	6	6	6	6	5	6	6	7	6	6	10
D/W TSTORMS	0	0	#	1	4	7	10	7	3	1	0	#	33	28
D/W FOG VSBY <7mi	6	7	9	7	6	5	4	6	6	7	7	8	78	28

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS:

A W S CLIMATIC BRIEF December 1987	Station Name: GRAND FORKS AFB, ND Latitude/Longitude: N47 51 W097 24 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Jun 59 to Jul 87 LST = GMT -6	Field Elev: 911 ft Station MSC: 727575 Call Sign: KRDR Supersedes: May 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	22	30	21	14	9	5	4	4	12	17	26	24	16	
	03-05	22	29	24	15	11	7	5	7	14	18	29	23	17	
CIG/VSBY	06-08	23	29	27	17	13	12	9	11	18	22	32	25	20	
	09-11	25	30	28	19	15	13	9	11	19	23	32	26	21	
LESS THAN	12-14	22	30	28	18	14	11	6	8	19	24	29	24	19	
	15-17	23	31	26	15	11	7	3	5	15	20	29	23	17	
3000/3	18-20	23	28	24	10	8	5	2	2	11	19	27	23	15	
	21-23	22	28	22	11	8	6	2	2	11	17	27	24	15	
	00-24	23	29	25	15	11	8	5	6	15	20	29	24	18	10
	00-02	15	19	14	8	6	4	3	2	8	10	16	17	10	
	03-05	14	20	16	10	7	5	3	6	10	11	18	15	11	
CIG/VSBY	06-08	14	22	18	12	9	6	6	9	11	13	20	17	13	
	09-11	18	23	22	13	8	6	5	8	11	15	23	17	14	
LESS THAN	12-14	17	23	19	11	7	4	2	3	9	13	20	18	12	
	15-17	17	20	16	7	6	2	1	1	7	9	18	18	10	
1500/3	18-20	17	17	16	5	4	3	1	1	6	9	17	15	9	
	21-23	13	17	14	6	5	3	1	1	7	9	16	16	9	
	00-24	16	20	17	9	7	4	3	4	9	11	19	17	11	10
	00-02	9	13	10	6	4	2	1	1	6	7	13	11	7	
	03-05	9	12	11	7	6	3	2	5	7	9	14	11	8	
CIG/VSBY	06-08	10	14	14	9	7	5	5	7	8	10	15	12	10	
	09-11	10	16	13	7	5	3	3	5	6	10	17	13	9	
LESS THAN	12-14	10	15	12	7	3	2	1	1	6	7	11	13	7	
	15-17	10	14	10	5	3	2	0	0	3	4	11	14	6	
1000/2	18-20	9	12	9	4	3	2	#	#	3	5	11	12	6	
	21-23	8	13	9	4	3	1	1	#	5	7	12	11	6	
	00-24	9	14	11	6	4	3	2	2	6	7	13	12	7	10
	00-02	1	1	2	#	0	#	0	0	1	1	1	1	1	
	03-05	1	2	1	1	#	#	#	1	1	1	1	1	1	
CIG/VSBY	06-08	1	2	2	#	1	#	#	1	1	1	1	2	1	
	09-11	2	1	2	1	0	0	0	0	0	#	1	2	1	
LESS THAN	12-14	2	1	1	#	0	0	0	0	0	0	2	2	1	
	15-17	2	2	1	#	0	0	0	0	0	0	2	2	1	
200/½	18-20	2	2	1	0	0	0	0	0	0	0	2	1	1	
	21-23	1	1	1	#	0	0	0	0	#	#	2	1	1	
	00-24	2	2	1	#	#	#	#	0	#	#	2	2	1	10

A W S CLIMATIC BRIEF December 1987	Station Name: MINOT AFB ND Latitude/Longitude: N48 25 W101 21 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Oct 59 to Aug 87 LST = GMT -6	Field Elev: 1,668 ft Station MSC: 727675 Call Sign: KMIB Supersedes: May 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	50	58	75	96	100	104	107	105	103	91	75	59	107	28
MEAN MAX TEMP °F	15	22	34	52	66	75	82	80	68	55	35	21	50	28
MEAN TEMP °F	7	14	26	42	54	64	70	67	56	45	26	13	40	28
MEAN MIN TEMP °F	-2	5	17	31	42	52	57	54	44	33	17	4	30	28
XTRM MIN TEMP °F	-34	-32	-30	-11	20	30	38	30	19	3	-20	-35	-35	28
D/W TEMP ≥ 90°F	0	0	0	#	1	2	5	6	1	#	0	0	15	28
D/W TEMP ≥ 80°F	0	0	0	1	4	9	19	16	5	1	0	0	55	28
D/W TEMP ≤ 32°F	31	27	29	17	4	#	0	#	3	14	28	31	184	28
D/W TEMP ≤ 0°F	18	12	4	#	0	0	0	0	0	0	3	13	50	28
VPR PRESS "Hg	.05	.06	.11	.16	.24	.32	.42	.38	.26	.18	.10	.06	.16	10
MEAN DEWPOINT °F	1	8	19	29	39	47	54	51	41	32	17	5	29	10
99.95% WCPA Ft	2450	2350	2350	2350	2350	2250	2150	2150	2350	2350	2500	2500	2350	10
MEAN RH 07 LST %	68	72	76	72	67	68	73	74	75	76	75	71	72	10
MEAN RH 13 LST %	66	68	65	49	43	45	46	44	50	55	64	67	55	10
MAX 24HR PRECIP "	1.0	.4	1.7	2.1	1.8	3.3	2.4	2.5	4.5	2.5	1.0	.7	4.5	28
MAX PRECIP "	1.4	1.1	2.1	8.5	5.2	8.6	4.3	5.0	7.1	4.9	1.9	1.3	8.6	28
MEAN PRECIP "	.6	.4	.6	1.9	2.3	3.0	2.1	2.0	2.0	1.2	.6	.5	17.2	28
MIN PRECIP "	.1	.1	.1	.1	#	.4	.1	.2	.1	#	#	.1	#	28
D/W PRECIP ≥ .01"	8	7	7	8	9	11	9	8	8	5	6	7	93	28
D/W PRECIP ≥ .5"	#	0	#	1	1	1	1	1	1	1	#	#	7	28
MAX 24HR SNFL "	6	6	17	9	3	0	0	0	3	9	10	10	17	28
MAX SNFL "	18	16	19	44	4	0	0	0	3	16	20	17	44	28
MEAN SNFL "	7	6	6	5	1	0	0	0	#	2	6	7	40	28
D/W SNFL ≥ .1"	8	7	6	3	1	0	0	0	#	1	5	7	38	28
D/W SNFL ≥ 1.5"	1	1	1	1	#	0	0	0	#	#	1	2	7	28
MEAN WND DRCTN	NW	NW	NW	N	N	W	W	$NW	W	W	NW	NW	NW	10
MEAN WND SPD Kts	10	9	9	9	9	8	6	6	8	9	8	9	8	10
MAX WND SPD** Kts	64	70	55	62	57	62	67	74	54	55	55	58	74	28
MEAN CLD CVR 10th	6	7	7	6	6	6	6	5	6	6	7	7	6	10
D/W TSTORMS	0	0	0	1	3	8	8	6	2	#	#	0	28	28
D/W FOG VSBY <7mi	6	8	8	6	5	4	3	4	5	5	6	7	67	28

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS:

A W S CLIMATIC BRIEF December 1987	Station Name: MINOT AFB ND Latitude/Longitude: N48 25 W101 21 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Oct 59 to Aug 87 LST - GMT -6	Field Elev: 1,668 ft Station MSC: 727675 Call Sign: KMIB Supersedes: May 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	26	30	25	15	11	5	3	5	12	16	25	24	16	
	03-05	26	30	27	15	13	6	6	6	16	18	27	26	18	
CIG/VSBY	06-08	28	32	29	18	16	9	8	9	21	22	29	26	21	
	09-11	26	32	30	21	18	12	9	10	22	22	27	26	21	
LESS THAN	12-14	23	30	30	18	18	11	6	8	22	24	29	23	20	
	15-17	23	29	28	14	14	8	2	4	16	17	26	22	17	
3000/3	18-20	25	29	27	12	11	4	1	2	12	14	25	20	15	
	21-23	25	27	27	12	12	4	1	3	11	13	26	24	15	
	00-24	25	30	28	16	14	7	5	6	17	18	27	24	18	10
	00-02	17	21	19	8	7	2	2	2	8	9	18	17	11	
	03-05	17	20	21	10	9	3	4	5	11	12	20	19	13	
CIG/VSBY	06-08	20	22	23	12	11	5	6	7	15	14	21	20	15	
	09-11	20	25	24	13	10	6	6	6	15	14	20	20	15	
LESS THAN	12-14	18	21	20	10	9	5	2	4	10	12	20	17	12	
	15-17	16	20	16	6	7	4	1	2	7	10	17	17	10	
1500/3	18-20	15	19	17	6	6	3	#	2	7	7	17	15	10	
	21-23	15	18	18	7	7	2	1	2	7	7	18	18	10	
	00-24	17	21	20	9	8	4	3	4	10	11	19	18	12	10
	00-02	10	14	14	7	6	1	2	2	7	7	12	13	8	
	03-05	12	13	16	7	8	3	3	4	9	10	13	15	9	
CIG/VSBY	06-08	13	16	16	9	8	3	5	6	12	11	16	16	11	
	09-11	14	17	17	8	7	4	4	3	10	11	14	15	10	
LESS THAN	12-14	13	15	12	5	5	3	1	1	5	8	15	13	8	
	15-17	11	12	11	4	4	1	1	1	6	6	11	12	7	
1000/2	18-20	9	11	13	5	3	1	#	1	5	5	10	12	6	
	21-23	9	11	13	5	4	1	#	1	6	5	11	13	7	
	00-24	11	14	14	6	6	2	2	2	8	8	13	14	8	10
	00-02	2	2	2	1	1	#	0	#	#	1	1	2	1	
	03-05	1	2	2	1	1	#	#	1	1	1	1	3	1	
CIG/VSBY	06-08	2	1	3	1	#	0	1	2	2	1	3	3	2	
	09-11	2	2	2	1	0	0	0	0	1	1	2	3	1	
LESS THAN	12-14	2	1	1	#	0	0	0	0	0	0	1	3	1	
	15-17	2	1	1	1	0	0	0	#	0	#	2	2	1	
200/½	18-20	1	1	2	1	0	0	0	#	0	#	1	1	1	
	21-23	1	1	1	1	0	0	0	#	#	1	1	2	1	
	00-24	2	1	2	1	#	#	#	#	1	1	2	2	1	10

AWS CLIMATIC BRIEF

CLINTON COUNTY AFB/WILMINGTON, OHIO — PERIOD 1943-68B — WBAN # 13841 — WMO #

Prepared by E TAC (JUL 1971) — N 39 26 — W 83 48 — ELEVATION: 1082 ft — STN LTRS: KILN

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (PEAK) (FAST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (TENTHS)
JAN	68	36	21	-10	3.8	2.9	7	6	SW	9	50	81	72	22	.12	1600	12	2	6	2	1	16	0	0	26	2	7
FEB	71	40	24	-7	3.3	2.1	7	9	W	9	46	80	70	24	.13	1750	12	2	6	2	1	15	0	0	22	1	7
MAR	81	49	31	-4	3.6	2.5	5	7	W	10	55	80	65	32	.18	1700	13	2	5	1	2	14	0	#	18	#	7
APR	86	62	42	21	4.3	1.8	#	1	SSW	10	58	80	58	41	.26	1650	13	3	1	0	5	12	0	1	5	0	7
MAY	89	71	51	27	4.6	2.2	#	#	SSW	8	54	84	57	51	.38	1500	12	3	0	0	7	12	0	7	1	0	6
JUN	100	81	61	40	3.4	2.6	0	0	SSW	7	52	85	55	59	.50	1400	11	2	0	0	8	11	3	19	0	0	6
JUL	101	84	64	47	4.0	3.8	0	0	SW	6	45	86	56	63	.58	1300	10	3	0	0	8	14	6	25	0	0	5
AUG	101	84	63	41	2.7	2.2	0	0	SW	6	43	88	55	62	.56	1300	8	2	0	0	7	17	6	24	0	0	5
SEP	98	77	56	34	2.8	3.1	0	0	SSW	6	43	85	53	55	.44	1350	7	2	0	0	3	12	2	13	0	0	5
OCT	88	65	44	21	2.2	1.7	#	1	SW	7	36	83	55	44	.29	1500	8	1	#	0	1	14	0	3	3	0	5
NOV	77	51	34	-4	3.1	1.8	3	10	SW	8	45	82	65	34	.20	1650	11	2	2	#	1	15	0	0	14	#	6
DEC	69	40	25	-6	2.8	1.7	5	5	SW	9	40	81	72	25	.14	1650	11	2	5	1	#	15	0	0	24	1	7
ANN	101	62	43	-10	40.6	3.8	27	10	SW	8	58	83	61	43	.28	1550	128	26	25	6	44	167	17	92	113	4	6
EYR	18	21	21	18	18	17	15	15	21	21	8	21	21	21	21	18	18	18	15	15	18	18	21	21	21	21	19

REMARKS

RUSSWO POR: HRLY OBS: AUG 43-JAN 46, MAR-JUN 46, SEP 46-SEP 49, MAR 53-NOV 68.
DAILY OBS: AUG 43-JAN 46, MAR-JUN 46, SEP 46-SEP 49, MAR 53-NOV 67.

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	41	34	28	18	14	9	8	8	10	17	27	34	21	20
	03-05	44	38	30	22	21	15	13	16	15	19	28	36	25	18
	06-08	48	45	36	26	25	18	19	25	22	27	35	42	31	21
	09-11	49	45	37	27	26	18	19	18	19	23	36	42	30	22
	12-14	46	43	38	26	25	15	17	17	17	21	33	41	28	22
	15-17	39	39	35	23	17	11	11	9	11	15	29	37	23	22
	18-20	35	35	29	18	12	9	7	6	8	12	26	35	19	22
	21-23	35	32	27	17	9	8	6	5	7	11	25	34	18	22
	ALL HOURS	42	39	33	22	18	13	12	13	14	18	30	38	24	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	26	22	17	9	9	6	5	5	7	11	16	21	13	20
	03-05	28	23	18	12	15	11	11	12	12	14	18	22	16	18
	06-08	36	31	25	17	19	14	16	22	19	22	24	29	23	21
	09-11	36	32	25	16	14	9	11	11	13	15	22	32	20	22
	12-14	31	26	20	12	10	6	6	6	8	10	18	27	15	22
	15-17	27	25	18	10	7	4	3	3	5	8	16	23	12	22
	18-20	24	22	16	8	6	3	2	3	4	7	14	21	11	22
	21-23	22	20	15	9	6	4	3	3	5	7	14	21	11	22
	ALL HOURS	29	25	19	12	10	7	7	8	9	11	17	25	15	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	19	14	12	6	6	4	3	3	6	6	11	14	9	20
	03-05	20	16	12	8	10	7	8	8	8	8	11	16	11	18
	06-08	24	21	16	12	12	8	9	13	12	14	17	20	15	21
	09-11	26	23	17	9	9	4	5	6	8	9	15	22	13	22
	12-14	20	19	14	8	5	1	3	1	4	5	11	19	9	22
	15-17	19	18	12	5	3	2	1	1	3	5	11	16	8	22
	18-20	16	15	10	5	3	2	1	1	3	4	8	16	7	22
	21-23	16	13	10	5	3	2	1	2	3	4	9	15	7	22
	ALL HOURS	20	17	13	7	6	4	4	4	6	7	12	17	10	
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	4	3	2	1	1	#	1	1	2	1	2	3	2	20
	03-05	5	3	2	1	2	2	2	1	2	1	2	3	2	18
	06-08	4	3	2	2	1	1	1	?	2	3	3	3	2	21
	09-11	4	3	1	#	0	#	0	#	#	1	2	3	1	22
	12-14	3	2	1	#	#	0	#	0	#	#	#	2	1	22
	15-17	2	2	1	#	0	#	#	0	0	0	#	2	1	22
	18-20	2	2	1	#	0	#	#	#	#	#	1	2	1	22
	21-23	3	2	1	#	0	0	#	#	#	1	1	3	1	22
	ALL HOURS	3	3	1	1	1	#	1	1	1	1	1	3	1	

PREPARED BY: USAFETAC
AUGUST 1962

STATION NAME: MANSFIELD/LAHM MAP OH
LOCATION: N40 49 W082 31

PERIOD: JAN 49-DEC 81
ELEV: 1296 FT

STN LTRS: MFD
WBAN NO: 725246

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) 04 LST	13 LST	MEAN VAPOR PRESSURE (Mb)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER STORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 85	MIN ≤ 32	MIN ≤ 20
JAN	33	18	26	69	-20	2.6	11.5	.4	2.7	10	42	10	81	74	.18	28	2000	WSW	11	48	8	24	3	9	2	8	13	0	0	28	16
FEB	35	19	27	67	-11	2.0	5.4	.3	2.6	10	16	8	76	70	.11	19	2000	W	11	51	7	12	1	9	2	1	12	0	0	24	13
MAR	45	28	37	76	-6	3.0	7.0	1.2	2.4	7	15	8	77	69	.16	29	2000	S	11	52	7	15	2	7	1	2	13	0	0	22	6
APR	58	38	48	85	11	3.5	6.6	.8	2.3	1	7	2	75	57	.22	37	1950	S	11	54	7	14	2	2	0	0	12	0	0	1	0
MAY	69	48	59	92	25	3.6	6.3	1.1	2.3	0	1	1	61	57	.32	47	1750	S	9	52	6	12	2	0	0	0	13	0	1	0	0
JUN	79	58	68	97	36	3.6	10.0	1.1	3.7	0	0	0	65	60	.47	57	1700	S	9	49	6	11	2	0	0	0	12	1	7	0	0
JUL	82	62	72	97	46	3.6	8.1	.9	2.7	0	0	0	65	59	.56	52	1550	S	8	70	6	10	2	0	0	0	14	3	11	0	0
AUG	80	60	70	95	40	3.4	7.6	.6	3.9	0	0	0	69	65	.58	53	1500	S	8	60	6	10	2	0	0	0	17	1	7	0	0
SEP	74	54	64	97	34	3.1	6.9	.7	2.3	0	0	0	87	62	.49	55	1680	S	8	53	6	9	2	0	0	0	15	1	3	0	0
OCT	63	43	53	85	20	1.9	4.9	.6	1.6	0	1	1	79	59	.26	41	1750	S	9	46	6	9	1	0	0	1	12	0	0	0	0
NOV	48	33	41	78	2	2.6	5.2	.7	1.6	3	12	5	79	66	.19	33	1850	S	10	44	7	13	2	0	1	1	13	0	0	15	2
DEC	36	22	30	68	-12	2.7	5.7	.7	1.7	9	18	12	79	74	.12	23	1950	S	11	60	8	14	1	0	2	0	14	0	0	26	11
ANN	58	40	50	97	-20	35.6	11.5	.1	3.9	40	42	12	81	66	.25	40	1850	S	10	70	7	143	20	39	8	17	160	4	29	129	48
YRS	28	28	28	28	28	28	28	28	28	28	28	28	9	9	9	9	9	9	9	7	9	28	28	28	28	28	28	28	28	28	28

REMARKS: RUSSNO FOR
HOURLY OBS: JAN 73-DEC 81
DAILY OBS: JAN 49-DEC 54, JAN 60-DEC 81

NUMBER OBSERVED WITHIN: (1900-1979)

	A/B	JUN	AUG	ANN
	60NM	0/0	0/0	0/0
(A) Hurricanes	120NM	0/0	0/1	0/0
(B) Tropical Storms	240NM	0/1	0/3	0/4

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM OBTN % PVLG. DIRCTN @ BASED ON < FULL MONTH

CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI

CUM FREQ (%) HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
00-02	48	37	32	21	18	13	12	16	19	22	35	44	26	
03-05	51	40	37	25	25	20	23	26	24	27	38	47	32	
06-08	59	53	44	34	32	26	34	43	35	38	42	54	41	
09-11	58	51	46	35	29	25	28	39	31	32	44	56	40	
12-14	59	52	46	32	27	22	26	34	29	32	45	58	39	
15-17	57	51	41	27	22	16	15	22	19	25	42	53	33	
18-20	47	37	34	21	19	10	13	16	18	17	33	51	26	
21-23	44	36	28	18	18	10	10	12	15	19	33	46	24	
ALL HRS	53	45	39	27	24	18	20	26	23	26	39	51	33	9

CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 2 MI

CUM FREQ (%) HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
00-02	31	24	18	13	14	8	8	12	13	14	21	24	17	
03-05	30	26	23	15	21	15	19	22	19	19	22	27	22	
06-08	42	37	29	22	27	22	30	41	31	23	27	35	31	
09-11	43	38	28	20	16	15	18	28	23	20	24	39	26	
12-14	40	31	22	14	11	7	10	13	12	13	19	37	19	
15-17	36	31	19	12	8	5	6	11	9	9	22	32	17	
18-20	30	24	17	12	12	5	10	11	9	9	20	28	16	
21-23	30	23	16	11	13	6	7	8	11	10	16	27	15	
ALL HRS	35	29	22	15	15	10	14	18	16	15	22	31	20	9

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI

CUM FREQ (%) HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
00-02	24	17	13	10	11	5	5	8	10	11	14	19	12	
03-05	23	19	16	13	17	10	11	15	14	14	15	20	16	
06-08	31	27	18	18	19	13	19	30	22	17	18	27	22	
09-11	34	26	17	14	11	6	9	15	14	15	17	28	17	
12-14	29	19	14	9	7	3	5	6	7	9	13	26	12	
15-17	26	21	12	8	5	3	2	4	6	7	14	24	11	
18-20	24	17	13	8	10	3	3	4	7	7	16	23	11	
21-23	23	17	11	10	11	5	4	5	8	8	13	21	12	
ALL HRS	27	20	15	11	11	6	7	11	11	11	15	24	14	9

CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI

CUM FREQ (%) HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
00-02	6	5	2	1	3	0	1	2	2	2	2	3	2	
03-05	5	4	2	2	3	2	2	5	2	2	3	5	3	
06-08	5	5	3	2	3	1	2	7	3	4	5	5	4	
09-11	4	4	3	1	1	0	0	1	1	1	2	4	2	
12-14	3	1	1	0	0	0	0	0	0	1	1	4	1	
15-17	3	1	2	0	0	0	0	0	0	1	2	3	1	
18-20	3	3	2	1	1	0	0	0	0	1	1	4	1	
21-23	4	4	2	1	2	0	0	1	1	1	1	4	2	
ALL HRS	4	3	2	1	2	0	1	2	1	2	2	4	2	9

PREPARED BY: USAFETAC
MARCH 19 82

STATION NAME : RICKENBACKER ANGB OH
LOCATION : N39 49 W 82 55

PERIOD: AUG 42-AUG 81 B
ELEV : 744 FT

STN LTRS: LCK
WBC NO: 724285

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	36	21	28	69	-22	2.6	7.4	.5	2.8	9	25	10
FEB	39	23	31	71	-10	2.3	4.6	.0	2.8	5	15	6
MAR	50	31	41	84	-1	3.7	9.9	.9	3.5	4	16	10
APR	62	41	52	88	17	3.6	6.5	.7	1.9	0	5	3
MAY	72	51	62	92	26	3.9	10.2	.9	2.8	0	2	2
JUN	83	60	71	100	38	3.8	7.5	.4	2.2	0	0	0
JUL	84	64	74	102	45	3.9	12.2	.7	2.2	0	0	0
AUG	83	62	73	99	37	3.5	9.5	.0	3.1	0	0	0
SEP	77	55	66	100	31	2.8	7.3	.4	2.8	0	0	0
OCT	65	44	55	90	19	1.9	4.1	.3	1.7	0	3	3
NOV	53	34	43	79	-6	2.7	5.8	.4	2.0	2	9	9
DEC	40	25	32	69	-10	2.7	5.0	.9	1.7	5	19	6
ANNM	62	43	52	102	-22	37.9	12.2	.0	3.1	23	25	10
NYR	38	38	38	38	38	38	38	38	38	34	34	34

MONTH	MEAN RELATIVE HUMIDITY (%) 04 LST	13 LST	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 90.9%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (Tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	PSBY < 7MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 85	MAX ≤ 32	MIN ≤ 25
JAN	74	66	.10	18	1400	W	8	61	8	12	1	6	2	1	15	0	0	26	18
FEB	75	66	.11	21	1430	W	7	72	7	10	1	5	1	1	11	0	0	23	14
MAR	75	59	.16	32	1450	W	8	74	7	12	2	4	1	2	13	0	0	18	7
APR	75	54	.25	40	1400	S	7	60	7	12	2	0	0	0	11	0	0	5	0
MAY	79	53	.36	50	1200	S	6	54	6	12	3	0	0	0	13	0	0	0	0
JUN	83	55	.50	59	1150	S	5	75	6	10	3	0	0	0	15	0	11	0	0
JUL	84	55	.56	63	1050	S	4	69	6	10	3	0	0	0	16	0	16	0	0
AUG	87	61	.56	63	950	S	4	60	6	9	2	0	0	0	22	0	13	0	0
SEP	87	58	.47	57	1050	S	4	56	6	8	2	0	0	0	17	2	6	0	0
OCT	81	55	.28	43	1200	S	5	42	6	8	1	0	0	0	15	0	1	3	0
NOV	78	63	.20	34	1250	S	6	52	7	11	2	2	0	1	13	0	0	14	4
DEC	76	68	.14	25	1400	S	7	54	8	12	2	5	1	0	12	0	0	24	14
ANNM	80	59	.27	42	1300	S	6	75	7	126	24	22	5	4	171	16	50	113	57
NYR	10	10	10	10	10	10	10	31	10	38	38	34	34	34	34	38	38	38	38

REMARKS:
RUSSMO FOR:
HOURLY OBS: SEP 69-DEC 70, JAN 73-AUG 81
DAILY OBS: AUG 42-SEP 49, FEB 51-AUG 81

NUMBER OBSERVED WITHIN: (1900-1979)

	A/B	JUN	AUG	ANN
(A) Hurricanes	60NM	0/0	0/0	0/0
(B) Tropical Storms	120NM	0/1	0/1	0/1
	240NM	0/1	0/6	0/7

NOTE: * DATA NOT AVAILABLE # ABTS < ABTS SHOWN IN HEADING ** MAX HRLY WBG OF CLASS HIT & % CALM DATA % PLUS DIRCTN ? BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	41	30	23	13	12	6	10	10	12	13	26	35	19	
	03-05	45	30	27	18	17	13	22	21	23	20	26	35	25	
	06-08	50	36	30	21	24	23	36	47	40	26	32	38	34	
	09-11	50	38	30	23	20	16	18	22	24	22	33	38	28	
	12-14	45	38	30	23	16	10	11	12	14	18	33	39	24	
	15-17	40	35	28	17	12	7	8	8	9	14	29	40	21	
	18-20	37	30	22	15	11	5	7	7	9	10	26	39	18	
	21-23	36	28	23	12	10	6	9	5	8	10	25	36	17	
	ALL HRS	43	33	27	18	15	11	15	17	17	17	29	38	23	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	13	10	3	7	3	8	8	7	9	11	17	10	
	03-05	24	17	12	7	12	10	19	20	19	13	12	18	15	
	06-08	29	21	7	11	19	19	33	44	35	21	20	19	24	
	09-11	34	23	16	11	11	8	12	17	17	16	18	20	17	
	12-14	27	16	13	8	6	3	6	5	6	8	13	19	11	
	15-17	20	14	10	4	5	3	4	4	4	6	11	19	9	
	18-20	18	14	9	4	5	2	5	5	5	6	10	18	8	
	21-23	17	12	10	3	4	3	5	4	3	5	9	17	8	
	ALL HRS	24	16	12	6	9	6	12	13	12	11	13	18	13	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	13	7	6	2	5	1	2	4	4	6	7	11	6	
	03-05	16	10	8	3	9	5	10	9	11	8	9	12	9	
	06-08	18	13	10	5	12	10	20	28	24	15	12	13	15	
	09-11	22	12	10	5	4	3	4	6	8	9	10	14	9	
	12-14	17	9	8	2	3	1	1	2	2	5	6	11	6	
	15-17	14	9	6	2	1	1	1	2	2	3	5	11	5	
	18-20	12	10	5	2	1	1	1	2	2	3	6	10	5	
	21-23	11	7	6	2	2	1	1	2	2	3	6	11	5	
	ALL HRS	15	10	7	3	5	3	5	7	7	7	8	12	7	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	2	0	0	0	0	0	0	1	1	1	2	1	
	03-05	3	2	1	1	2	1	1	2	4	3	1	2	2	
	06-08	4	2	1	1	1	1	3	4	8	4	1	2	3	
	09-11	3	2	1	0	0	0	0	0	1	1	0	2	1	
	12-14	1	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	2	1	0	0	0	0	0	0	0	0	0	0	0	
	18-20	1	1	0	0	0	0	0	0	0	0	0	1	0	
	21-23	2	2	0	0	0	0	0	0	0	0	0	1	0	
	ALL HRS	2	2	0	0	0	0	1	1	2	1	0	1	1	10

PREPARED BY USAFETAC APR/L 1977

STATION NAME TOLEDO OHIO/TOLEDO EXPRESS APT
LOCATION N41 36 W083 48

PERIOD JAN 55-DEC 76 B
ELEV 6A2

STN LTRS TOL
WBAN NO 94830
WMO NO 72536

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER STORMS	FOG VSBY < 7mi	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	31	16	24	62	-17	2.0	4.6	.3	1.5	5	15	6	77	69	.09	16	1350	WSW	10	48	8	13	1	10	2	8	11	0	0	29	4
FEB	34	18	27	68	-14	1.9	4.4	.3	1.5	6	14	7	74	62	.10	17	1450	WSW	10	42	7	11	1	8	2	1	10	0	0	26	2
MAR	45	26	36	80	-4	2.4	4.9	.6	1.6	6	17	8	77	59	.14	26	1450	W	10	51	7	14	1	6	1	2	12	0	0	23	8
APR	58	37	48	87	11	2.8	4.9	.9	1.9	2	12	7	76	51	.20	35	1350	W	10	52	7	12	2	2	0	4	10	0	1	11	0
MAY	70	47	59	95	25	2.9	5.1	1.0	1.7	0	0	0	81	52	.30	49	1200	W	8	43	7	12	2	0	0	0	5	10	1	7	2	0
JUN	80	56	68	99	32	3.5	6.5	1.9	1.6	0	0	0	84	56	.47	57	1200	S	7	51	7	11	2	0	0	0	8	10	6	16	0	0
JUL	83	60	72	99	43	3.4	6.8	.7	4.3	0	0	0	86	55	.52	60	1000	WSW	7	37	6	10	2	0	0	0	8	13	5	23	0	0
AUG	82	59	71	98	37	3.0	8.5	.4	2.4	0	0	0	89	56	.52	60	900	WSW	6	36	6	8	2	0	0	0	6	16	4	20	0	0
SEP	75	51	63	96	26	2.6	8.1	.6	3.3	0	0	0	89	58	.40	53	1000	S	7	35	6	10	2	0	0	0	4	14	1	10	1	0
OCT	64	41	52	91	19	1.8	4.2	.3	1.7	0	0	0	83	56	.27	42	1150	S	7	34	7	8	1	0	0	0	1	13	0	2	0	0
NOV	44	31	40	78	2	2.5	4.6	.6	1.4	3	18	7	70	65	.18	37	1300	WSW	9	46	8	11	1	3	1	1	12	0	0	18	0
DEC	35	20	28	67	-11	2.6	6.8	.5	3.5	9	24	14	80	71	.12	22	1350	WSW	9	41	8	14	1	0	2	0	14	0	0	27	2
ANN	59	38	49	99	-17	31.4	8.5	.3	4.3	25	24	14	81	59	.24	39	1250	WSW	8	37	7	114	18	38	8	40	145	15	79	144	8
YRS	22	22	22	22	22	22	22	22	22	22	22	22	10	10	10	10	9	10	10	2	4	22	22	22	22	22	22	22	22	22	22	22

REMARKS R'SSMO FOR:
HRLY OBS: JAN 67-DEC 76

DAILY OBS: FEB 55-DEC 76

NOTE * DATA NOT AVAILABLE = AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S = CALM GRTR % PVLG DRCTN # BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	43	34	42	19	19	12	9	11	19	23	31	46	25	
	03-05	43	35	44	21	22	20	17	17	24	26	33	47	28	
	06-08	44	36	44	21	26	26	28	36	37	31	36	47	34	
	09-11	48	38	48	23	24	23	17	25	31	29	41	50	32	
	12-14	47	41	48	21	22	20	15	18	24	22	42	55	30	
	15-17	41	32	40	16	14	11	8	8	14	16	34	46	23	
	18-20	39	29	35	16	13	9	7	8	11	17	29	42	20	
	21-23	39	31	38	15	14	10	8	8	13	20	28	40	21	
	ALL HRS	43	35	42	19	19	16	13	16	22	23	34	47	27	10
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	23	18	19	10	12	8	6	9	13	18	17	25	15	
	03-05	26	19	22	11	16	15	15	15	21	21	19	30	19	
	06-08	25	22	23	13	20	21	24	24	33	25	24	30	25	
	09-11	31	25	22	10	13	13	12	18	24	23	28	34	21	
	12-14	25	19	20	8	9	7	6	8	13	11	21	31	15	
	15-17	21	18	19	6	9	6	4	5	7	10	19	28	13	
	18-20	20	18	16	8	9	5	5	7	8	12	16	25	12	
	21-23	19	19	17	9	9	6	6	5	9	16	18	24	13	
	ALL HRS	24	20	20	9	12	10	10	13	16	17	20	28	17	10
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	15	10	13	7	8	6	3	5	7	14	12	18	10	
	03-05	17	11	16	7	10	9	8	8	12	16	13	22	12	
	06-08	16	12	17	6	12	11	10	17	23	18	16	23	15	
	09-11	16	13	14	6	8	8	4	5	12	14	17	23	11	
	12-14	15	11	12	3	6	3	3	1	7	6	10	22	8	
	15-17	11	10	10	2	5	3	1	1	3	6	11	22	7	
	18-20	12	12	11	6	5	2	1	1	6	8	11	18	7	
	21-23	13	12	12	6	6	2	2	2	5	10	11	19	8	
	ALL HRS	14	11	13	5	7	5	4	5	9	11	13	21	10	10
CEILING LESS THAN 200 FT AND OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	1	0	0	1	#	0	#	2	2	3	1	
	03-05	2	1	2	1	1	1	1	1	1	4	2	3	2	
	06-08	2	2	2	1	1	2	1	2	3	4	3	3	2	
	09-11	2	2	1	#	0	0	0	0	#	2	1	3	1	
	12-14	2	1	#	0	0	0	#	0	0	0	#	2	#	
	15-17	1	#	0	0	0	0	0	0	0	0	#	1	#	
	18-20	1	#	1	0	0	0	0	0	0	#	#	2	#	
	21-23	1	1	1	#	#	#	0	0	0	1	1	4	1	
	ALL HRS	2	1	1	#	#	1	#	0	1	2	1	3	1	10

PREPARED BY USAFETAC
AUGUST 1985

STATION NAME WRIGHT-PATTERSON AFB OH
LOCATION N39 50 W084 03

PERIOD FEB 38-MAY 85
ELEV 824 FT

STN LTRS: FFO
WSC NO: 745700

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 27	LST 13	MEAN VAPOR PRESSURE (In Hg) LST 13	MEAN DEW PT LST 13 (°F)	PEAK WIND GUST DIR (16 PT)	PEAK WIND GUST SPEED (KT)	PEAK WIND GUST ALT (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) & DD	SKY COVER MIDNIGHT (tenths)	SKY COVER NOON (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG VSBY ≤ 7mi	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 95	MIN ≤ 32	MIN ≤ 10
JAN	35	20	28	72	-18	2.9	8.9	.2	3.8	8	34	9	75	69	.09	16	1500			W	7	64	8		13	2	6	2	1	15	0	0	22	6
FEB	39	23	31	74	-11	2.4	5.2	.0	2.6	6	16	10	78	67	.11	21	1450			W	6	85	7		11	1	5	1	1	13	0	0	22	4
MAR	50	31	41	82	-4	3.4	10.0	.6	3.4	5	16	9	77	60	.17	31	1500			W	7	76	7		13	2	4	1	2	14	0	0	10	1
APR	62	41	52	89	18	3.6	7.5	.5	2.4	1	6	3	75	54	.24	39	1450			W	6	58	7		13	2	1	0	5	12	0	0	0	0
MAY	72	51	62	96	26	3.7	12.3	.7	3.9	0	0	0	75	53	.35	49	1250			N	5	68	6		12	3	0	0	7	14	1	3	0	0
JUN	82	61	71	102	40	4.5	10.9	.4	4.7	0	0	0	76	53	.49	58	1200			SW	5	66	6		11	3	0	0	8	14	4	12	0	0
JUL	85	65	75	102	45	3.4	7.6	.5	3.7	0	0	0	81	57	.60	64	1100			W	4	56	6		10	2	0	0	8	17	7	17	0	0
AUG	84	63	73	102	40	3.5	10.2	.2	5.3	0	0	0	84	59	.58	63	1050			SSW	3	70	6		9	2	0	0	7	22	5	15	0	0
SEP	77	55	66	102	28	2.6	6.1	.2	2.7	0	0	0	84	56	.44	55	1100			N	4	57	6		8	2	0	0	4	17	2	7	0	0
OCT	66	44	55	91	20	2.3	6.1	.1	3.8	0	1	1	78	57	.28	43	1250			N	5	56	6		9	1	0	0	2	16	0	1	1	0
NOV	51	34	43	81	1	3.0	6.0	.8	3.3	3	17	9	76	62	.19	33	1350			W	6	59	7		11	2	2	1	1	14	0	0	13	0
DEC	40	25	33	74	-11	2.8	5.5	.8	1.7	5	19	14	75	67	.14	25	1450			SSW	7	56	8		12	2	4	1	0	14	0	0	23	3
ANN	62	43	53	102	-18	30.1	12.3	.0	5.3	28	34	14	78	60	.26	41	1350			W	5	85	7		132	24	22	6	46	180	19	55	110	14
RYR	47	47	47	47	47	46	46	46	46	39	39	39	10	10	10	10	11			10	10	39	10		46	46	39	39	39	39	47	47	47	47

REMARKS RUSSWO POR:
HOURLY OBS: JUN 75 - MAY 85
SUMMARY OF DAY DATA: FEB 38 - MAY 85

NOTE * DATA NOT AVAILABLE # ANTS < UNITS SHOWN IN HEADING ** MS ANTARCTIC PEAK WINDS & % CALM DSTR % PLVG. DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	RYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	46	29	29	16	14	7	11	13	14	19	27	38	22	
	03-05	50	38	33	18	21	17	20	21	23	25	30	39	28	
	06-08	50	44	33	24	26	20	27	37	36	30	34	43	34	
	09-11	48	42	33	25	20	14	16	20	23	26	35	44	29	
	12-14	42	37	32	25	19	11	13	13	16	22	31	41	25	
	15-17	38	34	33	21	15	7	10	7	10	17	29	43	22	
	18-20	39	31	29	17	11	5	7	6	8	14	27	40	19	
	21-23	42	28	29	16	11	5	6	5	9	14	27	38	19	
	ALL HRS	44	35	31	20	17	11	14	15	17	21	30	41	25	13
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	28	17	14	8	10	5	8	8	10	12	13	18	13	
	03-05	30	25	17	11	15	14	18	19	20	19	16	21	18	
	06-08	33	30	19	15	21	17	23	34	32	22	22	25	24	
	09-11	33	30	19	12	13	8	10	13	15	17	23	27	18	
	12-14	25	19	14	8	8	3	5	5	7	12	14	22	12	
	15-17	20	16	12	6	5	2	4	4	3	8	12	23	9	
	18-20	18	14	13	7	5	3	4	3	3	6	11	19	9	
	21-23	23	18	16	7	5	3	4	4	4	8	11	19	9	
	ALL HRS	26	21	15	9	10	7	10	11	12	13	15	21	14	13
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	17	11	12	4	5	3	2	3	4	7	8	13	7	
	03-05	19	14	11	5	7	6	8	8	11	12	9	16	11	
	06-08	19	19	15	9	11	8	12	18	21	16	15	16	15	
	09-11	21	19	12	6	7	4	4	6	9	12	13	20	11	
	12-14	17	13	8	3	4	2	2	2	3	6	7	14	7	
	15-17	13	11	7	2	2	1	2	2	1	4	5	12	5	
	18-20	11	10	7	2	2	1	1	2	2	4	7	13	5	
	21-23	13	10	8	2	4	2	1	2	2	4	7	13	6	
	ALL HRS	16	13	13	4	5	3	4	5	7	8	9	14	8	13
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	2	0	0	0	0	0	0	0	1	2	1	1	
	03-05	3	3	1	0	1	1	0	1	1	2	1	1	1	
	06-08	2	3	1	0	1	1	1	2	2	4	2	1	2	
	09-11	1	2	1	0	0	0	0	0	0	1	1	2	1	
	12-14	1	1	0	0	0	0	0	0	0	0	0	1	0	
	15-17	1	1	0	0	0	0	0	0	0	0	0	0	0	
	18-20	1	2	0	0	0	0	0	0	0	0	0	0	0	
	21-23	1	1	0	0	0	0	0	0	0	0	1	0	0	
	ALL HRS	1	2	0	0	0	0	0	0	0	1	1	1	1	13

A W S CLIMATIC BRIEF October 1987	Station Name: YOUNGSTOWN MAP CH Latitude/Longitude: N41 16 W080 41 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 49 to May 87 LST = GMT -5	Field Elev: 1,196 ft Station MSC: 725250 Call Sign: KYNG Supersedes: Jun 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	71	67	82	87	92	99	100	97	99	87	80	76	100	38
MEAN MAX TEMP °F	32	35	44	58	69	78	81	80	73	62	48	36	58	38
MEAN TEMP °F	25	27	36	48	58	67	71	69	63	52	41	30	49	38
MEAN MIN TEMP °F	17	19	27	37	46	55	59	58	52	42	33	23	39	38
XTRM MIN TEMP °F	-20	-14	-7	11	24	30	42	32	29	20	1	-12	-20	38
D/W TEMP ≥ 85°F	0	0	0	#	1	6	10	7	3	#	0	0	27	38
D/W TEMP ≥ 80°F	0	0	#	1	6	14	20	18	8	1	#	0	68	38
D/W TEMP ≤ 32°F	28	25	23	11	2	#	0	0	#	4	16	26	135	38
D/W TEMP ≤ 10°F	8	6	1	0	0	0	0	0	0	0	#	4	19	38
VPR PRESS "Hg	.09	.10	.14	.21	.32	.44	.54	.52	.42	.27	.20	.13	.24	10
MEAN DEWPOINT °F	16	18	26	36	47	55	61	60	54	42	34	24	39	10
99.95% WCPA Ft	1950	1850	1900	1850	1650	1550	1450	1400	1500	1650	1750	1850	1750	10
MEAN RH 07 LST %	78	78	76	74	78	80	83	86	85	82	80	80	80	10
MEAN RH 13 LST %	70	66	60	55	55	56	57	59	59	60	68	72	61	10
MAX 24HR PRECIP "	2.7	1.9	2.0	1.6	1.9	3.6	3.8	2.8	3.0	4.3	2.7	1.9	4.3	38
MAX PRECIP "	7.6	5.3	6.2	6.4	5.9	10.7	8.3	7.9	5.8	8.6	9.1	5.5	10.7	38
MEAN PRECIP "	2.7	2.3	3.3	3.4	3.4	3.8	4.1	3.2	3.2	2.5	3.1	2.8	37.8	38
MIN PRECIP "	7	.6	1.3	1.0	.8	1.4	1.6	.5	.3	.4	.9	.9	.3	38
D/W PRECIP ≥ .01"	17	14	16	14	12	11	10	10	10	11	15	18	158	38
D/W PRECIP ≥ .5"	1	1	2	2	2	3	3	2	2	1	2	1	22	38
MAX 24HR SNFL "	10	9	10	12	5	0	0	0	#	4	17	9	17	38
MAX SNFL "	36	23	23	12	5	0	0	0	#	7	31	23	36	38
MEAN SNFL "	13	11	11	3	#	0	0	0	#	#	6	12	56	38
D/W SNFL ≥ .1"	13	10	9	3	#	0	0	0	0	1	6	12	54	38
D/W SNFL ≥ 1.5"	3	2	2	1	#	0	0	0	0	#	1	3	12	38
MEAN WND DRCTN	W	W	W	W	S	S	S	SW	S	S	W	W	W	10
MEAN WND SPD Kts	10	9	10	10	8	8	7	7	7	8	9	10	8	10
MAX WND SPD** Kts	58	44	68	65	61	50	44	50	54	44	45	54	68	12
MEAN CLD CVR 10th	9	8	7	7	7	6	6	7	6	7	8	8	7	10
D/W TSTORMS	#	#	2	3	4	7	7	5	3	1	1	#	33	38
D/W FOG VSBY <7mi	13	12	13	12	14	15	17	19	17	14	14	14	174	38

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	AUG	SEP	ANNUAL
Within 60NM	0/0	0/0	0/0
Within 120NM	0/1	0/0	0/1
Within 240NM	0/7	0/1	0/8

A W S CLIMATIC BRIEF October 1987	Station Name: YOUNGSTOWN MAP CH Latitude/Longitude: N41 16 W080 41 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 49 to May 87 LST = GMT -5	Field Elev: 1,196 ft Station NSC: 725250 Call Sign: KYNG Supersedes: Jun 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	57	44	33	27	18	19	17	24	21	28	38	53	32	
	03-05	59	48	38	31	26	28	27	34	27	31	42	53	37	
CIG/VSBY	06-08	64	54	44	36	32	34	39	47	40	36	45	54	44	
	09-11	63	53	44	33	30	31	32	40	38	34	51	58	42	
LESS THAN	12-14	61	50	40	31	26	24	26	32	29	28	50	59	38	
	15-17	56	44	35	24	21	18	19	20	18	22	43	55	31	
3000/3	18-20	52	41	35	23	19	14	17	16	16	21	38	54	29	
	21-23	55	40	33	23	17	15	16	16	15	23	38	54	29	
	00-24	58	47	38	29	24	23	24	29	26	28	43	55	35	10
	00-02	29	27	21	15	14	14	15	20	18	18	24	31	21	
	03-05	30	31	24	19	23	23	25	30	23	22	27	28	25	
CIG/VSBY	06-08	38	36	29	24	28	30	37	44	36	28	28	30	32	
	09-11	44	36	30	19	19	19	23	28	26	23	31	40	28	
LESS THAN	12-14	37	28	23	14	12	11	13	15	14	12	28	34	20	
	15-17	30	27	19	13	12	9	11	11	9	10	23	32	17	
1500/3	18-20	26	24	21	12	13	9	12	12	12	13	22	30	17	
	21-23	23	23	19	12	12	11	14	12	11	14	22	31	17	
	00-24	32	29	23	16	17	16	19	22	19	18	26	32	22	10
	00-02	19	18	16	10	11	8	8	11	12	14	16	22	14	
	03-05	18	19	17	14	15	14	15	19	15	17	19	20	17	
CIG/VSBY	06-08	23	23	18	17	18	18	20	28	22	19	19	22	21	
	09-11	30	23	19	11	12	9	9	13	14	13	22	25	17	
LESS THAN	12-14	23	18	14	8	6	5	4	3	7	8	19	24	12	
	15-17	19	17	11	7	6	4	3	3	4	7	16	22	10	
1000/2	18-20	16	17	12	6	8	4	3	3	4	7	15	22	10	
	21-23	14	15	14	8	9	6	5	5	5	9	17	23	11	
	00-24	20	19	15	10	11	9	8	11	10	12	18	23	14	10
	00-02	2	3	2	1	2	1	#	2	2	2	1	3	2	
	03-05	1	3	2	1	2	3	2	5	4	3	2	2	3	
CIG/VSBY	06-08	1	5	2	2	2	2	2	6	3	3	2	3	3	
	09-11	1	3	1	#	#	0	0	1	1	1	1	3	1	
LESS THAN	12-14	1	2	#	0	0	0	0	0	0	#	#	2	#	
	15-17	1	1	#	0	0	0	0	0	0	#	#	2	#	
200/½	18-20	1	1	#	#	#	#	0	0	#	1	1	3	1	
	21-23	1	2	1	1	1	0	0	1	1	1	1	3	1	
	00-24	1	3	1	1	1	1	1	2	1	1	1	3	1	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YOUNGSTOWN MAP, OH | STATION #: 725250 | ICAO: YNG
LOCATION: 4116N 8040W | ELEVATION (FEET): 1184 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	65	66	81	88	89	99	100	97	93	82	78	75	100
MEAN DAILY MAX	1	31	35	47	58	69	77	81	79	72	60	50	37	58
MEAN	1	25	27	38	48	58	67	71	69	62	51	42	30	49
MEAN DAILY MIN	1	18	20	29	38	48	56	60	60	53	42	35	24	40
EXTREME MIN	1	-23	-12	-8	14	25	35	43	32	32	21	1	-11	-23
# DAYS GE 90	1	0	0	0	0	0	1	3	1	#	0	0	0	5
# DAYS LE 32	1	27	23	19	9	1	0	0	#	#	4	13	25	122
# DAYS LE 0	1	2	2	#	0	0	0	0	0	0	0	0	1	6
2. PRECIPITATION (INCHES)														
MAXIMUM	2	7.6	5.3	6.2	6.4	5.9	10.7	8.3	7.9	5.8	8.6	9.1	5.5	*
MEAN	2	2.7	2.3	3.3	3.4	3.4	3.8	4.1	3.2	3.2	2.5	3.1	2.8	37.8
MINIMUM	2	0.7	0.6	1.3	1.0	0.8	1.4	1.6	0.5	0.3	0.4	0.9	0.9	*
MAX 24 HR	2	2.7	1.9	2.0	1.6	1.9	3.6	3.8	2.8	3.0	4.3	2.7	1.9	4.3
# DAYS W/PRECIP	1	24	21	20	18	16	14	11	13	13	16	19	24	209
# DAYS GE 0.5	2	1	1	2	2	2	3	3	2	2	1	2	1	22
3. SNOWFALL (INCHES)														
MEAN	2	13	11	11	3	#	0	0	0	#	#	6	12	56
MAXIMUM	2	36	23	23	12	5	0	0	0	#	7	31	23	*
MAX 24 HR	2	10	9	10	12	5	0	0	0	#	4	17	9	17
# DAYS W/SNOW	1	20	16	11	5	#	#	#	0	#	2	8	18	80
# DAYS GE 1.5	2	3	2	2	1	#	0	0	0	0	#	1	3	12
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	77	76	75	75	81	87	88	89	88	82	77	79	81
RH (15 LST)	1	67	62	57	51	51	53	53	56	57	57	62	69	58
VAPOR PRESS	1	.11	.12	.17	.22	.34	.47	.55	.55	.44	.28	.21	.14	.30
DEWPOINT	1	17	19	27	35	46	56	60	60	54	41	33	23	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	W	W	N	S	SW	SW	S	S	W	W	S
MEAN SPEED (PVLG DRCTN)	1	12	11	11	11	8	7	8	7	7	8	11	12	9
MEAN SPEED (ALL OBS)	1	10	9	10	9	8	7	7	6	7	8	9	10	8
MAX PEAK GUST	1	52	44	68	65	49	50	44	50	54	40	47	46	68
PRESSURE ALT	2	1950	1850	1900	1850	1650	1550	1450	1400	1500	1650	1750	1850	1950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	5	5	4	4	4	4	4	5	6	6	5
DAYS TSTMS	1	#	#	2	3	4	8	7	7	4	1	1	#	37
DAYS FOG LT 7	1	12	11	13	12	15	15	17	19	17	15	14	15	175
DAYS BNBD LT 7	1	0	0	#	0	#	0	0	0	0	0	#	#	0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(YOUNGSTOWN MAP, OH)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 10-38 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	53	45	34	26	22	21	20	29	24	27	38	53	33
03-05 LST	57	48	37	32	28	30	31	37	34	32	40	53	38
06-08 LST	60	53	44	35	36	36	44	51	44	39	44	53	45
09-11 LST	61	53	45	34	35	34	35	45	42	37	46	57	44
12-14 LST	60	53	41	30	27	27	26	38	34	30	44	59	39
15-17 LST	53	47	36	25	21	20	21	29	23	23	39	54	33
18-20 LST	50	42	34	23	20	16	18	25	19	22	34	52	29
21-23 LST	50	42	32	23	19	16	17	25	20	23	35	53	30
ALL HOURS	56	48	38	28	26	25	27	35	30	29	40	54	36

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	28	21	16	17	17	18	26	20	19	23	32	22
03-05 LST	32	31	21	21	24	27	30	33	29	24	25	31	27
06-08 LST	37	36	29	25	31	33	42	48	40	31	27	33	34
09-11 LST	44	37	29	20	22	24	26	36	31	24	28	40	30
12-14 LST	36	30	22	14	13	15	15	24	19	14	24	35	22
15-17 LST	30	28	19	12	13	12	14	20	15	12	20	32	19
18-20 LST	26	25	19	13	13	12	14	21	14	13	20	29	18
21-23 LST	25	24	18	13	14	12	15	20	15	15	19	31	18
ALL HOURS	33	30	22	17	18	19	22	29	23	19	23	33	24

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	20	15	11	12	10	11	16	15	14	15	23	15
03-05 LST	20	21	16	15	18	17	19	23	21	18	17	20	19
06-08 LST	24	25	21	18	22	23	28	36	30	23	20	23	24
09-11 LST	32	24	20	13	13	12	11	19	17	15	20	29	19
12-14 LST	25	20	14	9	7	6	4	9	10	8	16	25	13
15-17 LST	20	21	12	7	7	5	4	7	6	7	14	24	11
18-20 LST	17	19	13	8	9	5	5	8	7	8	13	22	11
21-23 LST	16	17	14	9	9	7	7	9	9	10	14	22	12
ALL HOURS	22	21	16	11	12	11	11	16	14	13	16	24	16

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	3	1	2	1	2	3	3	3	2	4	3
03-05 LST	2	4	3	2	4	3	3	7	5	5	3	3	4
06-08 LST	3	6	4	3	3	3	3	8	6	5	3	3	4
09-11 LST	3	4	3	1	#	#	#	1	2	2	2	4	2
12-14 LST	2	3	1	1	#	#	0	#	0	1	1	4	1
15-17 LST	1	3	1	#	#	0	0	0	#	1	#	4	1
18-20 LST	2	3	2	1	#	#	#	#	1	1	1	3	1
21-23 LST	2	3	2	1	1	#	#	1	1	2	1	4	2
ALL HOURS	2	3	2	1	2	1	1	3	2	2	2	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YOUNGSTOWN MAP, OH | STATION #: 725250 | ICAO: YNG
LOCATION: 4116N 8040W | ELEVATION (FEET): 1184 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	1	1	2	1	1	1	#	0	0	1
03-05 LST	0	#	1	#	1	1	1	1	1	#	0	0	#
06-08 LST	#	0	#	#	#	1	1	1	1	#	#	0	#
09-11 LST	0	#	#	1	#	1	1	1	#	#	#	0	#
12-14 LST	0	#	#	1	1	2	2	1	1	#	#	0	1
15-17 LST	0	#	#	1	1	3	3	2	1	0	#	#	1
18-20 LST	#	#	1	1	2	4	2	2	2	1	#	#	1
21-23 LST	#	0	1	1	2	3	3	2	2	#	#	#	1
ALL HOURS	#	#	#	1	1	2	2	1	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	10	10	10	13	7	6	6	7	10	11	11	9
03-05 LST	7	9	11	10	13	8	8	7	9	12	12	10	10
06-08 LST	8	8	10	11	13	7	6	8	10	12	14	11	10
09-11 LST	7	8	10	11	11	8	5	6	9	10	13	11	9
12-14 LST	7	8	8	11	11	8	5	7	9	10	12	10	9
15-17 LST	6	8	8	12	12	8	5	6	8	11	14	11	9
18-20 LST	7	8	11	14	14	8	5	7	7	12	14	12	10
21-23 LST	8	9	11	12	14	8	6	6	8	12	13	10	10
ALL HOURS	7	9	10	11	12	8	6	7	8	11	13	11	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	23	13	6	#	0	#	0	0	2	9	24	9
03-05 LST	30	26	15	7	#	0	0	0	0	1	9	25	9
06-08 LST	33	26	14	6	#	0	0	0	0	1	9	23	9
09-11 LST	33	24	15	6	#	#	0	0	0	1	8	24	9
12-14 LST	30	22	13	5	#	#	0	0	0	1	9	22	9
15-17 LST	26	21	12	5	#	0	0	0	0	#	8	22	8
18-20 LST	26	20	12	4	#	0	0	0	#	1	8	23	8
21-23 LST	28	20	12	5	#	0	#	#	0	2	8	24	8
ALL HOURS	30	23	13	6	#	#	#	#	#	1	8	23	9

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	2	2	#	#	#	#	0	1	2	4	1
03-05 LST	4	2	1	2	#	#	#	#	#	0	2	3	1
06-08 LST	4	2	3	2	#	#	#	#	#	1	2	4	2
09-11 LST	5	3	6	6	1	1	#	#	1	2	4	4	3
12-14 LST	8	5	9	9	4	1	#	#	1	3	6	6	4
15-17 LST	8	5	8	10	3	1	0	1	1	3	4	5	4
18-20 LST	5	3	4	4	1	#	#	#	#	2	2	4	2
21-23 LST	5	4	3	3	1	#	#	#	#	1	2	4	2
ALL HOURS	5	3	4	5	1	1	#	#	#	1	3	4	2

(YOUNGSTOWN MAP, OH)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 10-38 YRS.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	19	13	10	11	10	10	15	13	13	13	20	14
03-05 LST	18	19	14	13	17	16	18	22	19	16	14	18	17
06-08 LST	21	23	18	16	20	21	27	35	29	21	17	20	22
09-11 LST	30	22	18	11	11	10	9	17	16	14	18	27	17
12-14 LST	22	17	13	7	6	5	3	8	8	6	14	22	11
15-17 LST	18	19	11	6	6	5	4	7	6	7	13	22	10
18-20 LST	14	18	12	7	8	5	5	8	7	7	11	20	10
21-23 LST	13	16	12	9	8	6	7	9	8	8	12	21	11
ALL HOURS	19	19	14	10	11	10	10	15	13	12	14	21	14

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	13	9	7	8	6	5	9	9	10	8	14	9
03-05 LST	11	13	10	8	12	10	11	16	13	11	9	12	11
06-08 LST	14	16	13	10	12	14	17	26	20	14	11	14	15
09-11 LST	19	15	12	6	6	5	4	10	9	8	11	18	10
12-14 LST	14	13	8	3	2	2	2	3	4	4	7	16	6
15-17 LST	12	13	7	3	3	2	1	3	3	4	7	14	6
18-20 LST	9	12	7	4	5	3	2	4	4	5	7	14	6
21-23 LST	8	10	8	5	6	4	3	5	5	6	7	15	7
ALL HOURS	12	13	9	6	7	6	6	9	8	8	8	15	9

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	8	5	3	4	3	3	6	6	6	4	8	5
03-05 LST	5	7	6	4	8	6	7	10	9	7	5	6	7
06-08 LST	8	9	7	6	8	8	9	16	13	9	6	7	9
09-11 LST	11	9	7	3	2	2	2	3	5	4	5	11	5
12-14 LST	8	7	4	2	#	#	1	1	1	2	4	9	3
15-17 LST	6	8	4	1	1	1	#	1	1	2	3	9	3
18-20 LST	6	7	4	2	2	1	1	2	2	2	3	8	3
21-23 LST	5	6	4	2	3	2	2	3	3	3	3	8	4
ALL HOURS	7	8	5	3	4	3	3	5	5	4	4	8	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	1	1	1	2	2	2	1	2	1
03-05 LST	1	2	2	1	2	2	2	5	4	3	2	2	2
06-08 LST	1	4	2	2	2	2	2	5	4	3	2	2	2
09-11 LST	1	3	1	#	#	0	#	#	1	1	1	2	1
12-14 LST	#	2	#	#	0	0	0	0	0	#	#	1	#
15-17 LST	#	1	#	#	#	0	0	0	#	#	#	2	#
18-20 LST	1	1	#	#	#	#	0	0	#	1	1	1	#
21-23 LST	1	1	1	1	#	#	0	1	1	1	#	2	1
ALL HOURS	1	2	1	1	1	1	1	2	1	1	1	2	1

A W S	STATION NAME: ALTUS AFB OK	FIELD ELEV: 1378 FT
	LATITUDE/LONGITUDE: 34 40 N 099 16 W	STATION MSC: 723520
CLIMATIC BRIEF	HOURLY OBS POR: AUG 79 - JUL 89	CALL SIGN: KLTS
	SUMMARY OF DAY POR: FEB 43 - MAR 45, SEP 53 - JUL 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: SEP 85
FEB 90	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	84	91	102	105	107	116	111	113	106	98	92	87	116	40
MEAN MAX TEMP (F)	49	55	64	75	82	91	96	95	86	75	62	52	74	40
MEAN TEMP (F)	38	43	52	63	71	80	85	84	75	64	51	42	62	40
MEAN MIN TEMP (F)	27	32	39	50	60	68	73	72	64	52	39	31	50	40
EXTRM MIN TEMP (F)	-4	3	8	25	38	49	58	54	35	28	14	2	-4	40
D/W TEMP GE 100 (F)	0	0	#	#	1	3	10	9	1	0	0	0	24	40
D/W TEMP GE 90 (F)	0	#	1	2	7	18	26	25	13	2	#	0	94	40
D/W TEMP LT 33 (F)	23	15	7	1	0	0	0	0	0	1	7	19	73	40
D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	40
HEATING DEGREE DAYS	819	608	417	138	24	1	0	#	12	110	416	705	3250	36
COOLING DEGREE DAYS	#	#	11	71	221	439	608	577	320	84	4	#	2335	36
MEAN DEWPOINT TEMP (F)	25	29	37	44	55	63	64	64	57	48	36	29	46	10
MEAN WET BULB TEMP (F)	34	37	45	53	62	69	71	71	64	55	44	36	53	10
99.95% WCPA (FT)	1850	1950	2050	1950	1850	1700	1600	1600	1700	1800	1950	1900	1900	10
MEAN REL HUM 07 LST(%)	70.2	71.6	73.0	70.2	74.1	75.9	68.6	70.0	73.0	73.8	73.3	73.3	72.3	10
MEAN REL HUM 13 LST(%)	47.6	50.7	46.2	41.3	46.7	48.5	40.1	41.2	45.1	47.7	47.6	52.4	46.2	10
MAX 24HR PRECIP (IN)	2.35	1.60	1.72	2.38	6.28	3.73	2.54	2.69	6.54	5.48	1.44	1.90	6.54	40
MAX PRECIP (IN)	5.21	3.08	3.91	6.36	14.88	7.99	8.33	7.42	9.57	9.11	3.58	4.20	37.26	40
MEAN PRECIP (IN)	.91	.92	1.40	1.97	4.99	3.14	1.89	2.07	2.78	2.69	.98	.96	24.71	40
MIN PRECIP (IN)	.00	#	#	.02	.06	.01	#	.02	#	.05	#	#	10.90	40
D/W PRECIP GE .01 (IN)	4	5	5	6	9	7	5	6	5	6	4	5	67	40
D/W PRECIP GT .50 (IN)	1	1	1	1	3	2	1	1	2	2	1	1	17	40
MAX 24HR SNFL (IN)	7.6	7.0	3.2	.5	0	0	0	0	0	#	2.9	5.2	7.6	37
MAX SNFL (IN)	10.2	13.8	4.5	.5	0	0	0	0	0	#	3.9	7.0	20.8	37
MEAN SNFL (IN)	2.1	2.5	.5	#	0	0	0	0	0	#	.4	1.4	7.2	37
D/W SNFL GE .1 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	37
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	1	1	5	37
MAX DLY SNO DEPTH (IN)	9	7	3	#	0	0	0	0	0	0	2	5	9	37
PRVLNG WND DIR (DEG)	35-01	02-04	14-16	14-16	14-16	14-16	14-16	14-16	14-16	$14-16	$35-01	35-01	14-16	10
MEAN WND SPD (KTS)	7	8	8	8	7	6	6	5	6	6	7	6	7	10
MAX WND SPD (KTS)	56	82	56	60	80	68	66	62	60	45	56	66	82	34
SKY COVER GT 5/10 (%)	43.0	50.7	48.0	41.5	48.0	45.6	26.0	30.7	35.0	41.1	42.0	46.1	41.7	10
D/W THUNDERSTORMS	1	1	3	4	9	7	6	6	4	3	1	1	46	37
D/W FOG (VSBY LT 7 MI)	8	8	8	6	6	3	2	2	5	6	7	8	69	37

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	15.7	19.1	12.9	6.8	7.2	4.7	1.9	.8	6.4	15.9	14.1	19.7	10.4	10
	03 - 05	18.2	21.4	15.6	9.3	12.4	4.1	3.4	1.3	8.1	19.2	18.7	22.3	12.8	10
CIG	06 - 08	19.4	25.6	21.0	12.2	17.4	8.7	3.5	2.6	7.7	21.4	21.4	23.8	15.4	10
LT 3000 FT	09 - 11	19.4	28.2	20.2	11.8	15.1	9.3	3.3	2.3	10.0	20.5	19.4	22.9	15.2	10
AND/OR	12 - 14	16.9	25.0	15.6	8.0	9.4	3.4	1.9	1.7	6.0	16.5	19.1	21.2	12.1	10
VSBY	15 - 17	14.4	20.8	13.5	5.4	4.7	1.6	.2	.4	3.9	10.0	13.0	16.5	8.7	10
LT 3 MI	18 - 20	14.0	17.6	11.6	5.1	4.1	1.7	.0	.5	4.4	10.1	10.2	15.5	7.9	10
	21 - 23	13.5	17.2	10.9	5.4	4.6	2.2	.1	.4	5.3	11.8	12.8	17.6	8.5	10
	ALL	16.4	21.8	15.2	8.0	9.4	4.5	1.8	1.2	6.5	15.7	16.1	19.9	11.3	10
	00 - 02	10.8	11.7	6.1	4.0	4.4	2.9	1.2	.5	4.3	10.2	10.4	11.4	6.5	10
	03 - 05	11.7	15.1	8.6	5.8	8.0	1.9	2.6	1.1	5.0	14.2	12.9	14.0	8.4	10
CIG	06 - 08	14.1	19.3	12.7	7.6	13.5	4.6	2.5	2.0	6.2	15.9	14.1	17.1	10.8	10
LT 1500 FT	09 - 11	13.9	19.2	13.1	6.4	8.3	3.3	2.0	1.3	5.6	15.2	13.4	16.2	9.8	10
AND/OR	12 - 14	11.3	15.0	8.8	3.9	3.4	1.1	.8	.5	3.3	9.9	10.0	13.8	6.8	10
VSBY	15 - 17	8.7	10.1	6.6	1.9	1.0	.8	.0	.1	2.4	5.1	7.0	10.8	4.5	10
LT 3 MI	18 - 20	8.2	9.3	6.6	2.6	1.7	.9	.0	.2	2.4	5.8	5.7	10.6	4.5	10
	21 - 23	9.4	9.7	5.3	3.0	2.9	1.1	.1	.1	3.6	6.3	8.8	9.8	5.0	10
	ALL	11.0	13.7	8.5	4.4	5.4	2.1	1.1	.7	4.1	10.3	10.3	13.0	7.0	10
	00 - 02	9.0	9.5	4.3	1.9	3.3	2.2	.3	.2	2.7	7.6	6.9	8.3	4.7	10
	03 - 05	10.3	11.2	6.3	3.8	4.5	1.3	1.1	.8	3.4	11.2	9.4	9.2	6.0	10
CIG	06 - 08	10.9	14.7	9.2	4.9	8.1	2.8	1.7	1.4	4.0	13.3	10.3	11.8	7.8	10
LT 1000 FT	09 - 11	10.5	14.8	9.2	4.1	3.9	1.6	1.0	.9	3.6	11.1	8.4	12.3	6.8	10
AND/OR	12 - 14	7.4	9.8	5.6	2.3	1.4	.2	.2	.4	1.4	5.7	5.7	8.1	4.0	10
VSBY	15 - 17	5.8	7.1	3.8	.8	.3	.2	.0	.1	1.2	2.4	4.9	6.5	2.8	10
LT 2 MI	18 - 20	6.0	6.6	3.5	.8	1.2	.4	.0	.0	1.8	4.1	4.3	8.2	3.1	10
	21 - 23	7.1	7.4	3.0	1.0	2.0	.8	.0	.1	2.3	5.6	6.0	7.4	3.6	10
	ALL	8.4	10.1	5.6	2.4	3.1	1.2	.5	.5	2.6	7.6	7.0	9.0	4.8	10
	00 - 02	1.3	2.5	.4	.0	.0	.2	.0	.0	.0	.5	1.7	1.5	.7	10
	03 - 05	1.5	2.6	1.3	.4	.2	.0	.0	.1	.1	2.7	1.6	2.9	1.1	10
CIG	06 - 08	2.2	3.3	2.4	.6	.4	.0	.0	.2	.2	3.5	1.3	3.7	1.5	10
LT 200 FT	09 - 11	1.2	2.4	.9	.0	.0	.0	.0	.0	.0	.9	.6	2.3	.7	10
AND/OR	12 - 14	.6	.1	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	10
VSBY	15 - 17	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	10
LT 1/2 MI	18 - 20	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.7	.8	.2	10
	21 - 23	.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.8	1.0	.3	10
	ALL	1.0	1.6	.6	.1	.1	.0	.0	.0	.0	1.0	.9	1.6	.6	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS :

AWS CLIMATIC BRIEF

CLINTON SHERMAN AFB, OKLAHOMA — PERIOD: 1958-67 — WBAN # 03932 — WMO #

Prepared by ETAC (MAR 1971) — N 35 21 W 99 11 — ELEVATION: 1933 ft — STN LTRS: KCSM

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	TEMPERATURE (°F) MEAN DAILY MAXIMUM	TEMPERATURE (°F) MEAN DAILY MINIMUM	TEMPERATURE (°F) EXTREME MINIMUM	PRECIPITATION (in.) MEAN TOTAL	PRECIPITATION (in.) MAXIMUM IN 24 HOURS	PRECIPITATION (in.) MEAN SNOWFALL	PRECIPITATION (in.) MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	WIND (KT) MEAN SPEED	WIND (KT) EXTREME (PEAK) SPEED (DIR)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (feet) 99.95%
JAN	80	46	23	-4	0.5	0.8	3	8	S	10	45	71	51	21	.11	2400
FEB	88	50	28	5	1.1	1.4	4	9	N	10	54	68	50	24	.13	2500
MAR	92	59	35	1	1.0	1.0	1	3	S	12	59	65	44	29	.16	2600
APR	94	72	50	29	1.7	1.9	0	0	S	12	59	68	43	42	.27	2550
MAY	100	81	60	37	3.4	2.0	0	0	S	12	61	73	46	52	.39	2500
JUN	102	86	66	50	4.6	2.3	0	0	S	10	52	77	51	61	.54	2300
JUL	105	92	71	58	3.5	4.9	0	0	S	8	58	72	45	63	.58	2100
AUG	107	92	70	53	1.6	1.5	0	0	S	8	47	71	45	61	.54	2150
SEP	101	82	63	44	4.3	3.0	0	0	S	9	52	78	53	58	.49	2300
OCT	91	73	52	33	2.9	2.0	0	0	S	9	41	73	46	46	.31	2350
NOV	82	59	38	12	1.7	2.8	#	2	S	9	44	72	50	35	.20	2450
DEC	78	47	29	5	1.4	1.6	3	7	S	10	49	74	56	26	.14	2400
ANN	107	70	49	-4	27.7	4.9	11	9	S	10	61	72	48	43	.28	2450
EYR	9	7	7	9	7	7	7	7	9	9	7	9	9	9	9	8

MONTH	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM IV ≥ 90	TEMPERATURE (°F) MAXIMUM IV ≤ 80	TEMPERATURE (°F) MINIMUM IA ≤ 32	TEMPERATURE (°F) MINIMUM IA ≤ 0	MEAN CLDNS (TENTHS)
JAN	7	#	2	#	#	8	0	#	25	1	4
FEB	7	1	3	1	#	7	0	#	18	0	5
MAR	9	#	1	#	2	9	#	1	12	0	5
APR	5	1	0	0	4	5	2	9	1	0	5
MAY	5	2	0	0	9	5	5	18	0	0	5
JUN	4	3	0	0	11	4	10	25	0	0	5
JUL	3	2	0	0	7	3	21	30	0	0	4
AUG	3	1	0	0	7	3	21	29		0	4
SEP	7	3	0	0	6	7	8	19	0	0	4
OCT	7	2	0	0	3	7	1	10	0	0	3
NOV	8	1	#	#	2	8	0	#	8	0	4
DEC	10	1	2	1	1	10	0	0	20	0	5
ANN	76	17	8	2	52	76	68	141	84	1	4
EYR	7	7	7	7	7	7	7	7	7	7	9

REMARKS

RUSSWO POR: HRLY OBS: SEP 58-JUL 67
DAILY OBS: SEP 58-SEP 65

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	12	15	12	10	11	6	2	3	9	9	17	21	11	
	03-05	13	16	17	17	13	9	4	6	14	14	20	24	14	
	06-08	16	19	21	20	19	11	7	9	20	15	22	25	17	
	09-11	16	19	23	19	20	12	7	9	22	14	20	26	17	
	12-14	14	17	19	14	11	7	6	6	15	11	17	23	13	
	15-17	12	13	16	10	8	4	3	2	9	8	11	19	10	
	18-20	11	12	14	9	6	4	1	2	8	7	12	19	9	
	21-23	10	14	12	12	6	3	1	3	6	8	14	19	9	
	ALL HOURS	13	16	17	14	12	7	4	5	13	11	17	22	13	9
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	10	11	8	10	7	4	2	3	7	7	15	18	8	
	03-05	11	12	11	13	9	7	3	5	12	11	17	18	11	
	06-08	14	15	15	16	13	9	6	7	17	14	19	20	14	
	09-11	14	17	15	13	11	6	4	6	17	11	16	21	13	
	12-14	11	13	11	7	5	2	3	2	9	7	11	18	8	
	15-17	8	9	10	5	3	1	1	1	5	5	7	15	6	
	18-20	7	9	10	6	3	2	1	1	6	5	0	16	6	•
	21-23	7	10	8	7	3	2	1	2	5	6	11	17	7	
	ALL HOURS	10	12	11	10	7	4	2	3	10	8	13	18	9	9
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	9	9	7	8	5	3	1	3	7	6	12	16	7	
	03-05	10	10	9	10	6	6	3	4	11	9	15	15	9	
	06-08	12	13	12	12	8	7	4	6	14	12	17	16	11	
	09-11	12	14	11	9	6	3	3	3	12	9	13	17	9	
	12-14	8	11	8	5	2	1	1	1	6	4	9	14	6	
	15-17	6	7	7	5	1	1	1	#	3	4	5	12	4	
	18-20	6	7	7	5	2	2	#	#	4	3	7	14	5	
	21-23	6	8	6	5	2	2	#	1	4	4	10	15	5	
	ALL HOURS	8	10	8	7	4	3	2	2	7	6	11	15	7	9
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	2	2	1	1	#	#	1	1	1	3	5	2	
	03-05	4	2	2	2	1	2	#	1	1	3	5	7	3	
	06-08	6	5	2	2	1	1	1	1	1	4	5	7	3	
	09-11	4	4	2	1	#	0	#	#	1	1	3	6	2	
	12-14	1	2	1	#	0	0	0	0	#	#	1	2	0	
	15-17	1	1	#	1	0	0	#	0	0	0	1	2	0	
	18-20	1	1	1	1	1	#	0	0	1	#	1	1	1	
	21-23	1	2	1	1	#	#	0	0	1	1	2	3	1	
	ALL HOURS	3	2	1	1	1	#	#	#	1	1	3	3	2	9

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CLINTON-SHERMAN FAA OK
LOCATION: 35°21'N, 99°12'W
PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723526
ELEVATION (FEET): 1923
PERIOD: VARIED

ICAO ID: KCSM
LST = GMT -6

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1-2	80	88	92	94	103	110	108	107	102	93	85	78	110
MEAN DLY MAX	1¢	44	50	60	70	77	87	93	90	82	70	56	46	69
MEAN	1¢	36	43	53	64	70	81	87	84	76	63	50	40	62
MEAN DLY MIN	1¢	29	34	44	55	62	71	78	76	67	55	42	32	54
EXTREME MIN	1-2	-4	2	1	29	37	55	65	53	34	26	12	-2	-4
# DAYS > 90	1¢	0	0	#	#	2	12	20	18	8	1	0	0	61
# DAYS ≤ 32	1¢	18	11	4	#	0	#	0	0	0	#	5	15	53
# DAYS ≤ 0	1¢	#	0	0	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS ≥ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (LST)		*	*	*	*	*	*	*	*	*	*	*	*	*
RH (LST)		*	*	*	*	*	*	*	*	*	*	*	*	*
VAPOR PRESS		*	*	*	*	*	*	*	*	*	*	*	*	*
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1¢	N	S	S	S	S	S	S	S	S	S	S	N	S
MEAN SPEED (PVLG DRCTN)	1¢	13	12	14	15	14	14	11	9	12	13	13	14	13
MEAN SPEED (ALL OBS)	1¢	11	12	13	13	11	11	10	9	10	11	11	11	11
MAX (PK GST)	1¢	40	50	45	51	58	55	40	40	60	42	40	48	60
PRESSURE ALT	1¢	2500	2600	2600	2550	2400	2400	2100	2150	2300	2450	2400	2550	2600
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1¢	4	4	4	4	5	4	3	4	4	4	4	4	4
DAYS TSTMS		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS FOG < 7		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS BNBD < 7		*	*	*	*	*	*	*	*	*	*	*	*	*
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM > PVLG DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY 0600-2000 LST
2. AWS CLIMATIC BRIEF POR SEP 58-SEP 65, HOURLY 0000-2300 LST
3.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	23	32	27	24	29	13	9	12	22	26	28	23	22
09-11 LST	22	33	28	24	27	16	9	10	20	26	30	25	22
12-14 LST	19	29	25	20	25	13	7	9	19	22	26	20	20
15-17 LST	17	25	22	18	19	6	4	5	11	17	18	19	15
18-20 LST	17	26	20	11	14	6	2	3	8	15	16	18	13
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	19	30	23	21	25	11	7	10	19	23	24	19	19
09-11 LST	20	30	24	20	20	10	6	9	18	22	25	22	19
12-14 LST	16	24	17	12	12	5	3	6	11	15	18	17	13
15-17 LST	13	20	14	10	7	2	2	3	6	9	13	15	9
18-20 LST	12	21	13	7	7	4	1	2	5	10	12	13	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	16	24	19	18	20	9	5	9	17	19	22	16	16
09-11 LST	17	24	20	15	14	5	3	7	13	19	21	19	15
12-14 LST	13	18	13	8	7	3	2	4	7	11	13	13	9
15-17 LST	10	14	10	6	5	2	#	2	4	7	11	11	7
18-20 LST	10	18	11	4	5	3	0	2	4	8	10	11	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	7	13	10	5	3	1	#	3	5	10	9	6	6
09-11 LST	6	9	8	1	1	1	0	1	2	4	7	6	4
12-14 LST	4	5	1	1	#	#	0	0	#	1	4	3	2
15-17 LST	2	5	2	1	#	#	#	0	0	#	3	2	1
18-20 LST	4	6	2	1	1	1	0	0	#	2	3	3	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-JWL15

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CLINTON-SHERMAN FAA OK
LOCATION: 35°21'N, 99°12'W
PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723526
ELEVATION (FEET): 1923
PERIOD: 7301-8612

ICAO ID: KCSM
LST = GMT -6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	2	2	1	1	1	1	2	0	1
09-11 LST	#	#	0	#	2	1	0	#	1	1	1	0	1
12-14 LST	#	#	#	1	2	1	1	1	#	#	#	#	1
15-17 LST	#	0	0	1	3	2	2	2	1	#	#	0	1
18-20 LST	0	0	1	1	4	3	2	2	#	1	#	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	4	3	5	5	4	3	6	5	6	7	3	4
09-11 LST	3	4	6	5	5	3	1	4	5	6	5	4	4
12-14 LST	3	3	5	2	3	3	2	2	4	6	4	3	3
15-17 LST	3	3	4	4	4	2	2	2	4	5	3	5	3
18-20 LST	2	4	5	4	4	2	2	2	4	6	3	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	4	#	0	0	0	0	0	0	0	1	2	1
09-11 LST	3	4	0	0	0	0	0	0	0	0	1	2	1
12-14 LST	3	4	1	0	0	0	0	0	0	0	#	2	1
15-17 LST	3	4	1	#	0	0	0	0	0	0	0	1	1
18-20 LST	2	6	#	0	0	0	0	0	0	0	#	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	4	7	5	2	3	1	1	2	3	4	4	4
09-11 LST	8	8	11	14	7	7	2	3	7	8	9	8	8
12-14 LST	11	9	16	17	7	6	3	2	8	11	14	11	10
15-17 LST	11	12	17	17	8	9	3	4	8	8	10	10	10
18-20 LST	3	4	8	11	5	5	2	3	2	3	4	4	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY 0600-2000 LST
2.
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	22	18	16	18	8	4	8	15	18	20	16	15
09-11 LST	15	21	18	11	9	4	3	5	12	16	19	17	13
12-14 LST	12	15	10	5	4	3	1	3	5	10	11	11	7
15-17 LST	9	13	8	4	3	2	#	1	3	6	10	10	6
18-20 LST	9	17	8	4	4	3	0	1	4	7	8	10	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	17	14	12	12	5	3	5	11	15	15	11	11
09-11 LST	12	17	14	7	4	3	1	3	7	11	13	13	9
12-14 LST	9	10	6	3	2	2	#	2	2	5	8	8	5
15-17 LST	6	10	5	3	1	1	#	1	2	3	7	6	4
18-20 LST	6	12	6	1	3	2	0	1	2	6	6	9	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	15	11	8	6	3	2	4	8	11	12	8	8
09-11 LST	8	13	11	3	2	1	0	2	4	7	10	9	6
12-14 LST	6	8	3	1	1	1	0	1	1	2	5	5	3
15-17 LST	4	7	4	1	#	#	#	#	#	2	6	4	2
18-20 LST	5	10	3	1	2	1	0	#	1	3	4	6	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	9	8	4	2	#	#	1	4	7	7	5	4
09-11 LST	5	6	4	1	#	0	0	#	1	2	4	4	2
12-14 LST	2	3	1	#	#	#	0	0	0	#	2	1	1
15-17 LST	1	1	1	0	#	0	#	0	0	#	2	1	1
18-20 LST	2	3	1	0	0	1	0	0	#	0	2	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-JWL15a

A W S

CLIMATIC BRIEF

JUL 92

STATION NAME: FORT SILL OK
LATITUDE/LONGITUDE: 34 39 N 098 24 W
HOURLY OBS POR: JAN 82 - DEC 91
SUMMARY OF DAY POR: SEP 39-JUN 42, AUG 44-OCT 91
HOURS SUMMARIZED: 0000 - 2300 LST
LST TO UTC: +06

FIELD ELEV: 1160 FT
STATION NBC: 723550
CALL SIGN: KFSI

SUPERSEDES: JAN 87

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	83	85	101	99	105	112	111	109	108	100	87	87	112	52
MEAN MAX TEMP (F)	49	54	63	73	80	89	94	94	86	75	62	52	73	52
MEAN TEMP (F)	39	44	52	62	70	79	83	83	75	64	51	42	62	52
MEAN MIN TEMP (F)	28	33	40	51	59	68	72	71	64	53	40	31	51	52
EXTRM MIN TEMP (F)	-6	2	1	24	35	46	57	54	37	26	13	-5	-6	52
D/W TEMP GE 100 (F)	0	0	#	0	1	2	6	6	1	#	0	0	16	52
D/W TEMP GE 90 (F)	0	0	1	1	4	15	24	23	11	2	0	0	81	52
D/W TEMP LT 33 (F)	21	14	6	1	0	0	0	0	0	1	6	17	66	52
D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	52
HEATING DEGREE DAYS	803	594	417	146	29	1	0	#	12	117	418	703	3240	44
COOLING DEGREE DAYS	#	#	12	63	196	417	579	556	312	88	5	#	2228	44
MEAN DEWPOINT TEMP (F)	24	30	38	45	57	63	65	65	58	48	37	28	46	10
MEAN WET BULB TEMP (F)	33	38	45	52	62	68	70	71	64	55	44	34	53	10
99.95% WCPA (FT)	1700	1750	1900	1800	1700	1550	1400	1400	1600	1650	1750	1800	1750	10
MEAN REL HUM 07 LST(%)	69.4	72.3	73.6	72.0	79.6	78.8	74.7	76.1	77.9	76.9	74.8	76.2	75.2	10
MEAN REL HUM 13 LST(%)	49.2	52.7	51.5	48.3	54.3	51.9	45.7	46.4	50.6	51.6	51.7	56.1	50.8	10
MAX 24HR PRECIP (IN)	2.11	2.18	2.42	2.55	6.94	4.15	3.54	2.31	3.83	7.33	2.66	3.02	7.33	52
MAX PRECIP (IN)	4.02	4.63	6.86	6.57	13.91	10.88	7.37	6.63	9.27	15.26	5.28	7.93	44.80	52
MEAN PRECIP (IN)	1.16	1.51	2.02	2.63	5.41	3.75	2.48	2.26	3.28	3.39	1.66	1.30	30.98	52
MIN PRECIP (IN)	.00	#	#	.06	.34	.57	.00	.02	#	.01	.00	#	17.31	52
D/W PRECIP GE .01 (IN)	5	5	6	7	9	7	6	6	6	6	5	5	73	52
D/W PRECIP GT .50 (IN)	1	1	1	2	3	3	1	2	2	2	1	1	20	52
MAX 24HR SNFL (IN)	11.0	5.2	9.8	#	0	0	0	0	0	#	1.8	5.0	11.0	45
MAX SNFL (IN)	14.7	11.4	9.8	#	0	0	0	0	0	#	2.2	9.2	24.7	45
MEAN SNFL (IN)	2.6	2.0	.8	#	0	0	0	0	0	#	.2	1.2	6.9	45
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	1	1	5	45
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	#	1	4	45
MAX DLY SNO DEPTH (IN)	12	5	5	#	0	0	0	0	0	0	2	5	12	45
PRVLNG WND DIR (DEG)	35-01	35-01	35-01	14-16	14-16	14-16	14-16	14-16	14-16	17-19	35-01	35-01	14-16	10
MEAN WND SPD (KTS)	7	8	9	8	8	7	6	6	7	7	8	7	7	10
MAX WND SPD (KTS)	62	61	63	65	75	70	58	74	74	69	58	53	75	39
SKY COVER GT 5/10 (%)	42.1	49.7	50.0	43.7	48.2	43.0	29.5	31.4	37.5	40.3	44.2	48.4	42.3	10
D/W THUNDERSTORMS	1	1	3	5	9	7	6	6	4	3	1	1	47	52
D/W FOG (VSBY LT 7 MI)	9	9	8	7	8	4	3	3	6	7	8	8	80	52

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	17.2	23.8	18.1	10.1	12.3	5.2	1.6	1.2	7.7	13.2	18.9	23.5	12.7	10
	03 - 05	21.2	26.1	20.9	15.6	19.6	7.7	4.2	2.0	11.6	17.6	23.0	25.7	16.3	10
CIG	06 - 08	25.2	28.6	26.6	19.3	24.5	10.8	7.4	5.5	14.8	20.3	27.1	27.1	19.8	10
LT 3000 FT	09 - 11	21.2	32.2	23.9	17.6	20.2	10.2	5.5	4.1	15.0	21.1	24.9	27.2	18.6	10
AND/OR	12 - 14	17.0	28.0	21.6	11.9	12.7	5.4	2.6	3.0	9.9	16.9	20.9	23.8	14.5	10
VSBY	15 - 17	14.9	21.4	18.0	6.9	8.3	2.1	1.1	2.0	6.3	11.5	14.9	21.5	10.7	10
LT 3 MI	18 - 20	14.0	19.6	15.3	6.8	7.1	1.8	.6	2.0	5.1	10.0	12.4	21.9	9.7	10
	21 - 23	14.2	19.1	14.3	6.7	9.0	2.8	1.0	1.2	5.3	11.8	14.0	21.3	10.1	10
	ALL	18.1	24.9	19.8	11.8	14.2	5.8	3.0	2.6	9.5	15.3	19.5	24.0	14.0	10
	00 - 02	13.5	14.7	9.6	6.4	7.4	3.4	1.3	.6	5.7	8.9	13.0	15.8	8.4	10
	03 - 05	15.7	17.8	13.5	10.4	11.8	5.4	3.1	1.4	7.4	12.9	16.7	18.1	11.2	10
CIG	06 - 08	18.6	21.3	16.7	13.9	16.5	7.1	4.8	4.7	10.7	14.7	18.6	19.9	14.0	10
LT 1500 FT	09 - 11	16.1	25.1	14.9	9.4	10.3	4.0	2.6	3.1	8.9	12.8	17.1	20.5	12.1	10
AND/OR	12 - 14	12.3	17.4	10.6	5.3	4.3	1.3	.9	1.6	4.4	8.4	12.2	17.1	8.0	10
VSBY	15 - 17	9.5	13.8	9.1	2.8	3.9	.6	.9	1.0	2.9	5.1	8.9	13.7	6.0	10
LT 3 MI	18 - 20	9.4	13.4	9.4	3.0	2.9	1.3	.3	1.0	1.9	5.6	7.0	14.0	5.8	10
	21 - 23	10.8	11.7	9.0	4.1	4.3	1.7	.6	.2	3.7	7.2	9.7	14.7	6.5	10
	ALL	13.2	16.9	11.6	6.9	7.7	3.1	1.8	1.7	5.7	9.4	12.9	16.7	8.9	10
	00 - 02	10.1	11.5	6.3	4.8	3.8	2.2	.9	.4	4.2	5.9	9.1	11.3	5.9	10
	03 - 05	12.7	12.4	9.7	7.0	8.7	4.0	2.4	1.2	5.3	10.3	11.8	14.2	8.3	10
CIG	06 - 08	15.7	16.2	12.9	10.2	11.3	4.4	3.2	3.1	8.0	11.8	15.2	15.7	10.6	10
LT 1000 FT	09 - 11	13.0	17.8	9.5	5.4	5.3	2.0	1.3	1.5	4.7	10.3	11.8	16.5	8.3	10
AND/OR	12 - 14	10.0	11.8	6.9	3.1	1.6	.9	.3	.2	2.6	4.1	7.5	12.2	5.1	10
VSBY	15 - 17	7.6	9.0	4.7	2.0	2.2	.3	.3	.5	1.7	2.6	6.7	9.4	3.9	10
LT 2 MI	18 - 20	6.6	9.8	6.0	2.3	2.3	1.1	.1	.3	1.4	3.5	5.3	11.2	4.2	10
	21 - 23	7.0	8.7	5.9	2.7	2.5	.9	.4	.1	2.3	5.1	7.3	10.2	4.4	10
	ALL	10.3	12.2	7.7	4.7	4.7	2.0	1.1	.9	3.8	6.7	9.3	12.6	6.3	10
	00 - 02	2.6	2.4	.2	.2	.2	.0	.1	.0	.0	.5	2.0	2.3	.9	10
	03 - 05	4.1	2.6	1.1	1.1	.5	.1	.0	.3	.1	1.6	2.7	3.0	1.4	10
CIG	06 - 08	5.4	4.7	2.6	1.6	.5	.1	.1	.3	.4	2.3	3.4	3.9	2.1	10
LT 200 FT	09 - 11	2.8	3.1	1.2	.0	.0	.0	.0	.0	.2	.2	1.8	3.0	1.0	10
AND/OR	12 - 14	1.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.4	.4	.2	10
VSBY	15 - 17	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.2	.1	10
LT 1/2 MI	18 - 20	.3	.0	.0	.0	.2	.1	.0	.0	.0	.1	.4	.5	.1	10
	21 - 23	.6	.7	.0	.0	.0	.0	.0	.1	.1	.0	.8	2.0	.4	10
	ALL	2.2	1.7	.7	.4	.2	.0	.0	.1	.1	.6	1.5	1.9	.8	10

HURRICANES/TROPICAL STORMS OBSERVED : 1900 - 1985

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/1	0/0	0/0	0/0	0/0	0/2
240NM	0/0	0/0	0/0	0/0	0/0	0/2	0/1	0/2	0/1	0/0	0/0	0/0	0/6

REMARKS : @

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HOBART MUNICIPAL OK
LOCATION: 35°00'N, 99°03'W
PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723525
ELEVATION (FEET): 1565
PERIOD: 7301-8612

ICAO ID: KHBR
LST = GMT -6

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	81	86	94	95	106	115	112	106	104	102	87	77	115
MEAN DLY MAX	1	47	54	64	73	80	90	96	94	85	74	60	51	72
MEAN	1	34	40	51	60	69	78	84	82	74	62	49	39	60
MEAN DLY MIN	1	25	30	39	48	57	66	72	71	63	51	39	29	49
EXTREME MIN	1	-5	0	0	22	33	48	55	57	30	25	12	0	-5
# DAYS > 90	1	0	0	#	#	4	17	26	24	12	2	0	0	85
# DAYS ≤ 32	1	24	16	7	2	0	0	0	0	#	1	7	20	77
# DAYS ≤ 0	1	#	#	#	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/PRECIP	1	7	7	8	8	9	7	5	7	6	7	7	6	84
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/SNOWFALL	1	4	3	1	#	0	0	0	0	0	0	1	2	11
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)		81	83	81	83	87	83	76	78	82	82	85	82	82
RH (16 LST)		54	53	48	47	48	43	37	38	45	47	53	54	47
VAPOR PRESS		.15	.18	.25	.35	.48	.59	.62	.63	.54	.37	.26	.17	.38
DEWPOINT		24	30	38	47	56	62	64	64	60	49	39	29	47
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	S	S	S	S	S	S	S	S	S	S	S
MEAN SPEED (PVLG DRCTN)	1	11	12	13	12	12	12	11	11	11	11	11	11	12
MEAN SPEED (ALL OBS)	1	10	11	12	11	10	10	9	9	9	10	10	10	10
MAX (PK GST)	1	45	51	45	54	46	50	50	50	37	45	48	42	54
PRESSURE ALT	1	2150	2200	2300	2200	2150	2650	1750	1800	2000	2100	2050	2150	2650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	4	4	4	3	4	3	4	4	4
DAYS TSTMS	1	#	1	2	4	8	6	4	5	2	2	1	#	35
DAYS FOG < 7	1	8	9	9	7	8	3	2	3	5	7	8	7	76
DAYS BNBD < 7	1	#	1	2	2	#	1	#	0	0	#	#	#	6
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM > PVLG DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY
2.
3.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	23	18	12	16	3	3	4	10	12	18	15	13
03-05 LST	23	25	22	15	19	7	4	6	13	16	22	16	16
06-08 LST	22	28	26	21	25	11	6	8	15	21	28	23	20
09-11 LST	21	30	25	21	25	14	7	7	17	22	29	24	20
12-14 LST	19	28	25	20	22	12	8	6	16	20	25	22	19
15-17 LST	18	23	22	16	14	6	4	4	12	15	20	20	15
18-20 LST	16	21	18	13	11	3	2	3	8	10	18	15	11
21-23 LST	17	21	15	11	13	3	1	3	7	11	16	15	11
ALL HOURS	20	25	21	16	18	7	4	5	13	16	22	19	16

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	18	13	8	9	2	2	3	8	8	11	9	9
03-05 LST	18	21	16	10	12	4	3	3	10	11	16	10	11
06-08 LST	17	24	21	17	20	8	5	7	13	16	22	17	15
09-11 LST	19	25	20	15	16	6	4	4	14	17	23	18	15
12-14 LST	15	22	17	11	8	2	2	3	8	13	17	16	11
15-17 LST	13	17	12	8	5	2	1	1	5	8	12	12	8
18-20 LST	12	15	11	8	5	1	1	1	5	6	10	10	7
21-23 LST	12	16	11	7	6	1	1	2	6	7	9	9	7
ALL HOURS	15	20	15	10	10	3	2	3	9	11	15	13	10

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	14	10	5	6	1	0	1	5	5	8	6	6
03-05 LST	14	15	12	7	7	2	2	2	7	6	12	7	8
06-08 LST	14	18	16	12	13	5	3	4	7	12	17	13	11
09-11 LST	15	20	15	11	7	3	2	3	8	12	18	14	11
12-14 LST	12	16	10	5	4	2	1	2	4	7	12	10	7
15-17 LST	10	12	8	4	2	1	#	1	3	5	9	9	5
18-20 LST	9	11	8	5	3	1	#	#	3	5	7	6	5
21-23 LST	9	11	7	4	4	1	0	1	4	5	6	4	5
ALL HOURS	12	15	11	7	6	2	1	2	5	7	11	9	7

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	6	3	#	1	#	0	#	1	1	3	2	2
03-05 LST	5	7	3	1	1	#	#	#	1	2	5	2	2
06-08 LST	5	8	5	2	1	1	0	1	2	5	7	4	3
09-11 LST	4	8	2	#	0	#	0	#	#	2	4	3	2
12-14 LST	2	3	1	#	0	0	#	0	#	#	2	1	1
15-17 LST	1	2	1	#	0	#	0	0	0	#	2	1	1
18-20 LST	2	3	1	#	#	#	0	#	#	#	1	1	1
21-23 LST	2	4	2	1	#	#	0	0	#	#	1	1	1
ALL HOURS	3	5	2	1	#	#	#	#	1	1	3	2	2

ECR-JLW16

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: HOBART MUNICIPAL OK
LOCATION: 30°00'N, 99°03'W
PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723525
ELEVATION (FEET): 1565
PERIOD: 7301-8612

ICAO ID: KHBR
LST = GMT -6

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	3	4	3	1	2	2	1	1	0	2
03-05 LST	#	1	1	2	3	3	1	3	1	1	#	0	1
06-08 LST	#	#	1	1	2	2	1	1	1	2	1	0	1
09-11 LST	0	#	#	1	2	1	#	1	1	1	1	#	1
12-14 LST	#	#	1	1	2	[illegible]	1	1	#	#	1	0	1
15-17 LST	#	0	1	2	[illegible]	3	2	2	#	#	#	#	1
18-20 LST	0	0	1	2	[illegible]	2	3	3	1	#	#	#	2
21-23 LST	0	#	1	3	5	3	1	3	2	1	#	#	2
ALL HOURS	#	#	1	2	3	2	1	2	1	1	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	4	6	6	3	2	3	6	3	7	3	4
03-05 LST	4	4	5	5	5	5	2	4	6	5	8	2	5
06-08 LST	3	4	5	6	4	5	2	3	5	5	8	4	5
09-11 LST	3	3	6	5	4	3	2	3	4	6	6	4	4
12-14 LST	4	4	7	4	2	2	2	2	3	5	5	4	4
15-17 LST	3	3	5	4	4	3	1	1	4	4	4	3	3
18-20 LST	4	3	5	4	6	2	3	2	5	4	4	4	4
21-23 LST	5	4	4	5	6	3	2	4	6	4	5	3	4
ALL HOURS	4	4	5	5	5	3	2	3	5	5	6	3	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	#	#	0	0	0	0	0	0	1	2	1
03-05 LST	4	4	#	#	0	0	0	0	0	0	1	2	1
06-08 LST	4	4	1	#	0	0	0	0	0	0	#	3	1
09-11 LST	3	4	1	#	0	0	0	0	0	0	#	2	1
12-14 LST	4	3	1	#	0	0	0	0	0	0	#	2	1
15-17 LST	2	3	#	#	0	0	0	0	0	0	#	2	1
18-20 LST	2	3	#	0	0	0	0	0	0	0	1	1	1
21-23 LST	2	3	0	0	0	0	0	0	0	0	1	1	1
ALL HOURS	3	3	#	#	0	0	0	0	0	0	1	2	1

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	6	5	1	1	#	#	1	3	3	3	3
03-05 LST	5	4	5	3	1	1	#	#	1	3	2	2	2
06-08 LST	5	4	4	3	2	#	1	0	1	2	3	2	2
09-11 LST	8	9	12	9	5	3	2	1	3	4	5	5	6
12-14 LST	8	10	15	12	6	3	2	1	4	7	8	8	7
15-17 LST	7	9	14	14	6	5	2	3	5	7	6	5	7
18-20 LST	3	5	7	8	4	2	1	1	1	2	3	3	3
21-23 LST	4	5	6	6	4	1	0	1	1	3	4	3	3
ALL HOURS	6	6	9	8	4	2	1	1	2	4	4	4	4

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY
2.
3.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	12	7	3	4	1	#	1	4	4	7	5	5
03-05 LST	13	13	8	6	5	1	1	2	5	5	10	5	6
06-08 LST	12	16	13	10	10	4	2	3	7	11	14	10	9
09-11 LST	13	18	13	8	5	1	1	2	6	9	15	12	8
12-14 LST	10	13	7	3	2	1	1	1	3	5	10	9	5
15-17 LST	8	10	6	3	1	1	#	1	2	4	7	7	4
18-20 LST	7	9	6	4	2	1	#	#	3	4	6	5	4
21-23 LST	8	9	6	3	2	1	0	1	4	4	5	3	4
ALL HOURS	10	13	8	5	4	1	1	1	4	6	9	7	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	10	5	1	2	1	#	1	3	2	5	3	3
03-05 LST	8	11	5	4	3	1	#	1	4	3	7	3	4
06-08 LST	9	13	9	7	4	2	1	1	5	8	11	8	7
09-11 LST	10	14	7	4	1	1	#	1	2	6	10	8	5
12-14 LST	6	8	3	1	1	#	#	#	1	2	6	5	3
15-17 LST	5	5	3	1	#	1	#	#	#	1	5	4	2
18-20 LST	4	5	3	2	1	1	#	#	0	2	4	3	2
21-23 LST	5	7	3	1	1	#	0	#	2	3	4	2	2
ALL HOURS	7	9	5	3	2	1	#	1	2	3	6	5	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	8	3	1	1	#	#	#	3	1	4	2	2
03-05 LST	7	9	3	2	2	1	#	1	3	2	6	2	3
06-08 LST	7	11	6	4	2	1	#	1	3	6	8	5	5
09-11 LST	6	10	4	1	#	#	#	#	1	3	6	5	3
12-14 LST	4	4	2	#	#	0	#	0	#	1	3	2	1
15-17 LST	2	3	1	#	#	#	0	0	#	#	3	2	1
18-20 LST	3	4	2	1	#	#	#	#	#	1	2	2	1
21-23 LST	4	5	2	1	#	#	0	0	1	1	2	1	1
ALL HOURS	5	7	3	1	1	#	#	#	1	2	4	3	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	#	#	0	0	#	#	#	3	1	1
03-05 LST	5	5	1	1	#	#	0	#	1	1	4	2	2
06-08 LST	4	5	3	1	1	0	0	#	1	3	5	3	2
09-11 LST	3	5	1	#	0	0	0	0	#	1	2	2	1
12-14 LST	1	1	#	0	0	0	0	0	#	#	1	#	#
15-17 LST	1	1	#	#	0	0	0	0	0	0	1	#	#
18-20 LST	1	1	#	0	#	#	0	0	0	#	1	1	#
21-23 LST	1	3	1	1	#	0	0	0	#	#	1	1	1
ALL HOURS	2	3	1	#	#	#	0	#	#	1	2	1	1

ECR-JWL16a

PREPARED BY USAFETAC
JUNE 1985

STATION NAME: TINKER AFB OK
LOCATION: N35 25 W097 23

PERIOD: JAN 43-MAR 84 8
ELEV: 1292 FT

STN LTRS: TIK
WBAN NO: 723540

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	46	27	37	80	-7	1.3	6.1	0	2.3	3	20	6
FEB	52	32	42	85	-1	1.3	3.6	0	2.0	2	13	7
MAR	60	39	50	91	-1	2.3	8.7	.1	2.7	2	18	9
APR	71	51	61	98	25	3.1	8.7	.7	3.0	0	1	1
MAY	78	59	69	98	35	6.1	12.0	.3	5.7	0	0	0
JUN	87	68	77	106	51	4.1	11.2	.4	4.1	0	0	0
JUL	92	72	82	107	53	3.3	8.2	0	4.5	0	0	0
AUG	92	71	81	107	56	2.3	9.3	0	3.8	0	0	0
SEP	84	64	74	107	39	3.3	11.9	0	4.2	0	0	0
OCT	74	53	64	98	26	2.9	13.5	0	6.0	0	0	0
NOV	60	40	50	84	11	1.9	7.3	.0	3.4	1	6	5
DEC	50	31	41	85	0	1.4	3.5	0	2.3	2	11	6
ANN	70	51	61	107	-7	33.1	13.5	.0	6.2	10	20	9
YR	41	41	41	41	41	41	41	41	41	38	38	38

MONTH	MEAN RELATIVE HUMIDITY (%) 07 LST	13 LST	MEAN VAPOR PRESSURE (MB Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERS	FOG VSBY ≤ 7MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 90	MIN ≤ 30	MIN ≤ 20
JAN	68	52	.12	22	1800	N	8	50	6	5	1	2	1	1	11	0	0	17	7
FEB	70	53	.15	27	1850	S	9	58	6	5	1	2	1	1	10	0	0	11	3
MAR	69	49	.20	35	1950	S	10	874	6	7	2	1	0	3	10	0	0	5	1
APR	78	58	.30	45	1850	S	10	65	6	7	2	0	0	5	7	0	0	0	0
MAY	78	58	.45	56	1700	S	8	78	6	9	4	0	0	9	7	0	2	0	0
JUN	77	56	.60	64	1650	S	8	72	5	8	3	0	0	0	4	0	10	0	0
JUL	73	47	.64	66	1450	S	7	70	4	6	2	0	0	6	3	4	20	0	0
AUG	73	47	.60	64	1450	S	7	62	5	6	1	0	0	5	4	4	20	0	0
SEP	74	49	.49	58	1660	S	7	62	5	6	2	0	0	4	7	1	9	0	0
OCT	70	46	.31	46	1700	S	8	54	5	6	2	0	0	3	6	0	1	0	0
NOV	77	52	.22	37	1800	S	9	54	5	5	1	0	0	1	7	0	0	4	0
DEC	68	50	.14	26	1900	S	9	54	5	5	1	1	0	1	9	0	0	12	3
ANN	72	51	.30	45	1800	S	8	874	5	75	22	6	2	97	85	90	62	49	19
YR	10	10	10	10	11	10	10	37	10	41	41	38	38	38	38	41	41	41	41

REMARKS: RUSSWO POR
HOURLY OBS: APR 74 - MAR 84
SUMMARY OF DAY DATA: JAN 43 - FEB 46, SEP 46 - MAR 84

NUMBER OBSERVED WITHIN: (1900-1982)

	A/B	JUN	JUL	AUG	SEP	ANN
(A) Hurricanes	60NM	0/0	0/0	0/1	0/0	0/1
(B) Tropical Storms	120NM	0/1	0/0	0/1	0/0	0/2
	240NM	0/2	0/1	0/1	0/1	0/5

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM &/OR % PVLG. DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
00-02	23	25	21	19	16	5	2	2	8	13	22	23	15	
03-05	26	29	23	17	22	9	4	4	12	16	25	25	18	
06-08	28	33	30	24	26	13	7	8	16	20	30	25	22	
09-11	28	34	30	23	25	13	7	8	15	20	30	25	22	
12-14	25	28	25	19	17	7	4	5	10	15	25	22	17	
15-17	22	26	20	14	11	4	2	2	6	11	18	19	13	
18-20	20	23	18	12	11	3	1	2	5	10	16	19	12	
21-23	23	22	20	13	11	3	1	2	5	11	16	20	12	
ALL HRS	24	28	23	17	17	7	4	4	10	15	23	22	16	10
00-02	17	19	14	8	9	3	1	2	6	10	18	16	10	
03-05	20	22	18	10	15	6	3	3	9	13	19	16	13	
06-08	23	27	24	16	17	9	5	6	13	16	23	20	17	
09-11	23	28	22	14	14	6	4	4	11	12	23	18	15	
12-14	20	22	14	9	7	3	1	2	6	8	15	15	10	
15-17	17	18	12	7	6	1	1	1	4	5	10	12	8	
18-20	15	16	12	8	5	2	1	1	4	5	11	13	8	
21-23	16	16	11	8	7	2	1	1	4	8	13	13	8	
ALL HRS	19	21	16	10	10	4	2	3	7	10	17	16	11	10
00-02	15	15	11	5	7	2	1	1	5	7	14	11	8	
03-05	17	19	13	7	11	5	3	2	7	10	16	13	10	
06-08	18	21	17	11	12	6	3	3	9	12	17	15	12	
09-11	18	21	14	9	7	3	2	2	6	8	17	15	10	
12-14	15	13	8	4	3	2	1	1	4	5	9	10	6	
15-17	12	12	8	4	4	1	0	1	2	3	7	8	5	
18-20	12	14	8	6	3	1	0	0	2	5	8	9	6	
21-23	13	13	9	6	4	1	0	1	3	5	9	10	6	
ALL HRS	15	16	11	7	6	3	1	1	5	7	12	11	8	10
00-02	3	3	1	1	1	1	0	0	1	1	2	2	1	
03-05	5	5	2	1	1	1	0	0	1	1	3	2	2	
06-08	5	6	4	1	0	1	0	0	1	1	4	2	2	
09-11	4	4	2	0	0	0	0	0	0	1	2	1	1	
12-14	1	1	0	0	0	0	0	0	0	0	0	0	0	
15-17	1	1	0	0	0	0	0	0	0	0	1	0	0	
18-20	1	2	0	0	0	0	0	0	0	0	0	1	0	
21-23	2	2	0	0	0	0	0	0	0	0	1	1	0	
ALL HRS	3	3	1	0	0	0	0	0	0	1	2	1	1	10

CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI

CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI

CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI

A W S	STATION NAME: VANCE AFB OK	FIELD ELEV: 1307 FT
	LATITUDE/LONGITUDE: 36 20 N 097 55 W	STATION MSC: 723535
CLIMATIC BRIEF	HOURLY OBS POR: JAN 82 - DEC 91	CALL SIGN: KEND
	SUMMARY OF DAY POR: JAN 42-JAN 47, OCT 48-OCT 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: OCT 87
SEP 92	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	80	85	93	100	110	110	114	111	107	98	87	83	114	50
MEAN MAX TEMP (F)	44	50	59	69	78	88	93	92	83	72	58	47	70	50
MEAN TEMP (F)	35	40	48	59	68	78	83	82	73	62	48	38	60	50
MEAN MIN TEMP (F)	25	30	37	48	58	67	72	71	63	51	38	29	49	50
EXTRM MIN TEMP (F)	-8	-4	0	19	31	48	51	51	37	23	10	-9	-9	50
D/W TEMP GE 100 (F)	0	0	0	#	#	1	6	6	1	0	0	0	14	50
D/W TEMP GE 90 (F)	0	0	#	1	3	14	22	21	9	1	0	0	71	50
D/W TEMP LT 33 (F)	24	17	10	1	#	0	0	0	0	1	8	21	82	50
D/W TEMP LT 10 (F)	2	1	1	0	0	0	0	0	0	0	0	1	5	50
HEATING DEGREE DAYS	913	692	516	228	49	1	#	#	19	159	507	802	3886	43
COOLING DEGREE DAYS	0	#	5	41	158	406	559	542	302	70	3	#	2086	43
MEAN DEWPOINT TEMP (F)	22	26	35	43	55	62	63	63	55	45	34	24	44	10
MEAN WET BULB TEMP (F)	30	34	42	50	60	67	69	69	62	52	41	31	51	10
99.95% WCPA (FT)	1800	1900	2000	1950	1800	1600	1500	1500	1650	1700	1900	1800	1800	10
MEAN REL HUM 07 LST(%)	69.3	71.3	72.3	71.8	76.9	76.2	71.7	71.0	71.1	72.1	70.9	70.9	72.1	10
MEAN REL HUM 13 LST(%)	50.5	53.9	51.2	50.2	54.3	50.1	45.0	45.5	47.0	50.3	52.0	55.3	50.4	10
MAX 24HR PRECIP (IN)	1.90	2.48	2.09	7.01	6.79	4.27	5.82	2.87	4.60	9.30	3.26	1.92	9.30	50
MAX PRECIP (IN)	5.25	4.09	8.61	9.24	15.95	7.81	12.12	6.76	7.79	11.62	4.72	3.14	49.05	50
MEAN PRECIP (IN)	.89	1.22	2.04	2.82	4.47	3.38	2.60	2.59	2.94	2.50	1.50	.93	27.60	50
MIN PRECIP (IN)	.00	.03	#	.17	.11	.08	.04	.04	.33	#	#	#	6.43	50
D/W PRECIP GE .01 (IN)	5	5	6	7	9	8	6	6	6	5	4	5	72	50
D/W PRECIP GT .50 (IN)	1	1	1	2	3	2	2	2	2	2	1	1	20	50
MAX 24HR SNFL (IN)	9.0	9.6	6.0	4.0	0	0	0	0	#	1.0	3.7	7.0	9.6	46
MAX SNFL (IN)	17.4	13.7	13.1	4.0	0	0	0	0	#	1.0	5.6	9.1	29.6	46
MEAN SNFL (IN)	3.0	3.4	1.8	.2	0	0	0	0	#	#	.8	2.0	11.3	46
D/W SNFL GE .1 (IN)	2	2	1	#	0	0	0	0	0	#	1	1	7	46
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	46
MAX DLY SNO DEPTH (IN)	12	10	5	1	0	0	0	0	0	#	4	7	12	46
PRVLNG WND DIR (DEG)	35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10
MEAN WND SPD (KTS)	9	9	10	9	8	7	7	7	8	8	9	8	8	10
MAX WND SPD (KTS)	53	56	53	75	70	78	75	70	63	72	57	58	78	41
SKY COVER GT 5/10 (%)	39.6	49.7	51.4	47.9	50.4	45.9	32.3	34.4	39.5	39.1	44.1	47.7	43.4	10
D/W THUNDERSTORMS	1	1	2	4	7	8	6	6	4	3	1	1	44	50
D/W FOG (VSBY LT 7 MI)	9	10	10	7	9	5	4	5	7	7	7	8	88	50

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	16.3	23.2	18.5	10.8	12.5	4.9	1.3	2.3	7.4	14.9	19.4	21.9	12.8	10
	03 - 05	19.0	26.7	21.2	14.8	18.2	8.2	2.7	4.4	10.7	16.5	20.9	26.7	15.8	10
CIG	06 - 08	21.3	29.8	26.0	21.3	23.8	12.8	4.5	8.0	14.0	19.4	24.3	26.0	19.3	10
LT 3000 FT	09 - 11	21.3	29.2	26.9	21.3	23.7	11.4	6.5	6.9	14.3	20.5	23.6	25.6	19.3	10
AND/OR	12 - 14	18.6	26.7	23.9	18.0	16.3	6.3	3.2	4.7	10.2	19.8	24.8	23.3	16.3	10
VSBY	15 - 17	15.9	23.5	22.7	12.7	8.6	3.3	1.3	3.3	6.3	14.7	21.7	21.3	12.9	10
LT 3 MI	18 - 20	16.2	20.7	18.8	8.8	8.7	3.1	.9	2.4	6.7	13.5	19.4	20.2	11.6	10
	21 - 23	16.5	21.3	17.4	8.6	11.2	4.1	.4	2.4	6.9	13.9	19.0	19.5	11.8	10
	ALL	18.1	25.1	21.9	14.5	15.4	6.8	2.6	4.3	9.6	16.7	21.6	23.1	14.9	10
	00 - 02	11.7	17.8	12.9	7.6	7.7	3.0	.5	1.5	5.1	10.0	15.8	16.6	9.2	10
	03 - 05	14.3	21.3	14.4	9.1	12.9	4.9	1.6	3.9	8.9	12.7	16.9	21.4	11.9	10
CIG	06 - 08	16.9	24.1	19.7	13.6	16.6	9.8	3.2	6.9	11.0	14.6	19.2	23.0	14.9	10
LT 1500 FT	09 - 11	18.3	24.0	20.4	13.4	12.8	6.3	2.5	5.3	9.7	15.7	18.3	23.0	14.1	10
AND/OR	12 - 14	14.9	21.0	14.4	9.3	6.0	2.4	.2	2.7	5.4	12.0	16.2	19.7	10.3	10
VSBY	15 - 17	11.2	17.3	11.5	5.9	3.5	2.0	.2	1.5	3.9	8.5	13.6	17.7	8.1	10
LT 3 MI	18 - 20	11.5	14.3	12.0	4.8	5.4	1.7	.5	1.5	5.2	8.1	12.2	15.5	7.7	10
	21 - 23	12.0	14.5	11.7	5.8	6.8	2.1	.0	1.6	5.2	9.7	13.2	16.5	8.3	10
	ALL	13.9	19.3	14.6	8.7	9.0	4.0	1.1	3.1	6.8	11.4	15.7	19.2	10.5	10
	00 - 02	10.0	13.5	9.0	5.6	6.0	2.6	.3	1.1	3.8	8.4	12.2	12.5	7.1	10
	03 - 05	11.2	17.7	11.2	7.1	9.5	4.3	.9	2.5	6.4	10.2	13.0	15.6	9.1	10
CIG	06 - 08	12.4	19.7	15.1	9.9	11.8	7.3	2.0	5.2	7.7	12.0	14.8	18.0	11.3	10
LT 1000 FT	09 - 11	12.7	19.6	14.4	9.7	7.2	3.9	1.9	3.7	6.7	12.2	12.8	19.5	10.4	10
AND/OR	12 - 14	10.9	17.1	9.8	5.1	3.5	1.1	.0	1.4	3.3	8.3	12.0	16.2	7.4	10
VSBY	15 - 17	8.1	13.0	8.0	3.8	2.2	1.2	.0	.6	2.6	5.7	9.1	13.0	5.6	10
LT 2 MI	18 - 20	7.1	11.2	8.0	3.7	1.8	1.3	.3	.9	3.8	6.2	10.1	11.5	5.5	10
	21 - 23	9.1	11.9	8.5	4.2	3.3	2.0	.0	1.2	3.2	8.5	9.7	12.6	6.2	10
	ALL	10.2	15.5	10.5	6.1	5.7	3.0	.7	2.1	4.7	8.9	11.7	14.9	7.8	10
	00 - 02	2.3	2.8	.6	1.1	.8	.1	.0	.0	.0	2.6	1.8	3.8	1.3	10
	03 - 05	2.7	5.0	1.5	1.1	1.5	.8	.0	.0	.8	2.7	2.4	4.0	1.9	10
CIG	06 - 08	2.4	7.2	2.7	2.3	1.4	.9	.3	.6	1.6	2.6	1.8	5.4	2.4	10
LT 200 FT	09 - 11	1.2	5.1	2.0	.7	.2	.1	.1	.0	.4	.8	.9	4.0	1.3	10
AND/OR	12 - 14	.8	.9	.4	.1	.1	.1	.0	.0	.0	.0	.2	2.1	.4	10
VSBY	15 - 17	1.2	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	2.1	.4	10
LT 1/2 MI	18 - 20	1.3	.7	.1	.1	.1	.0	.0	.0	.0	.4	.8	2.0	.5	10
	21 - 23	2.4	2.4	.2	.4	.5	.1	.0	.0	.0	1.5	1.7	3.1	1.0	10
	ALL	1.8	3.1	1.0	.7	.6	.3	.1	.1	.3	1.3	1.2	3.3	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/0	0/1
120NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/0	0/1
240NM	0/0	0/0	0/0	0/0	0/0	0/2	0/0	0/3	0/3	0/0	0/0	0/0	0/8

REMARKS : 0

PREPARED BY: USAFETAC
OCTOBER 1982

STATION NAME: WILL ROGERS IAP OK
LOCATION: N35 24 W097 36

PERIOD: JAN 48-DEC 81
ELEV: 1285 FT

5TH LTRS: OKC
WBC NO: 723530

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	DAILY MIN	MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 04	LST 13	VAPOR PRESSURE (IN Hg)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (KT) 00	CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	FOG VSBY ≤ 7/16 MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 20
JAN	46	25	36	80	-4	1.1	5.7	0	1.4	5	17	7	76	55	.12	22	1850	N	10	48	6	6	1	2	1	1	1	0	0	23	9
FEB	52	30	41	84	-3	1.3	3.2	.2	2.2	3	12	6	75	54	.15	27	1850	N	11	54	5	6	1	2	1	1	1	0	0	17	4
MAR	61	37	49	93	1	2.2	7.2	.1	2.4	2	14	8	73	49	.21	36	2000	S	12	51	6	7	1	1	0	1	0	0	0	10	1
APR	72	49	61	100	20	2.8	7.3	.6	3.4	0	1	1	76	50	.31	46	1850	S	12	57	5	7	2	0	0	0	1	0	0	1	0
MAY	79	58	69	96	32	5.5	10.1	.9	5.6	0	0	0	82	57	.45	56	1800	S	10	49	6	10	4	0	0	0	1	0	0	2	0	0
JUN	88	67	77	105	47	4.1	9.9	.6	3.6	0	0	0	81	55	.60	64	1700	S	10	44	5	4	1	0	0	0	1	0	0	13	0	0
JUL	93	71	82	108	53	3.2	8.4	.9	5.6	0	0	0	76	46	.64	66	1500	S	8	43	4	7	2	0	0	0	1	0	0	22	0	0
AUG	92	69	81	110	51	2.5	6.8	.3	2.9	0	0	0	77	48	.62	65	1500	S	8	50	4	7	2	0	0	0	1	0	0	22	0	0
SEP	85	62	74	104	37	3.2	9.6	.8	7.5	0	0	0	80	52	.50	59	1650	S	8	49	5	7	2	0	0	0	1	0	0	9	0	0
OCT	74	51	63	96	22	2.6	8.3	.8	4.5	0	0	0	76	46	.31	46	1750	S	10	47	4	6	2	0	0	0	1	0	0	2	1	0
NOV	60	38	49	87	11	1.5	5.5	.9	1.7	1	8	6	77	52	.22	37	1800	S	10	46	5	5	1	1	0	1	1	0	0	4	1	
DEC	51	29	40	84	-1	1.1	3.3	.8	1.9	2	8	5	73	50	.15	27	1900	S	11	47	5	5	1	1	0	1	1	0	0	20	4	
ANN	73	49	60	110	-4	51.1	10.1	0	7.5	11	17	8	77	51	.31	46	1800	S	10	49	5	81	22	7	2	1	82	12	70	83	19	
YR	34	34	34	34	34	34	34	34	34	34	34	34	9	9	9	9	9	9	9	12	9	34	34	34	34	34	34	34	34	34	34	

REMARKS

RANKING FOR:

		NUMBER OBSERVED WITHIN:	A/B	JUN	JUL	AUG	SEP	ANN
HOURLY OBS:	JAN 73 - DEC 81	(1900-1979)	60NM	0/0	0/0	0/1	0/0	0/1
DAILY OBS:	JAN 48 -DEC 81	(A) Hurricanes	120NM	0/1	0/0	0/1	0/0	0/2
		(B) Tropical Storms	240NM	0/2	0/1	0/1	0/1	0/5

NOTE: * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM GRTR % PVLG DRCTN 9 BASED ON < FULL MONTHS

CAV PRES (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	24	24	21	18	16	6	3	3	9	15	22	21	15	
	03-05	27	29	23	17	21	8	4	4	13	17	24	24	18	
	06-08	29	33	29	24	26	14	7	6	19	20	28	25	22	
	09-11	28	33	29	26	29	14	7	6	19	17	28	24	21	
	12-14	25	27	24	20	16	10	5	5	12	13	24	22	17	
	15-17	22	24	19	12	11	4	2	2	8	9	17	19	12	
	18-20	20	22	17	14	10	3	1	2	7	10	16	19	12	
	21-23	22	20	19	12	13	3	2	2	6	12	18	21	13	
	ALL HRS	25	27	23	17	17	8	4	4	12	14	22	22	16	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	18	14	9	11	3	2	2	6	9	16	15	10	
	03-05	21	22	17	10	14	5	3	3	8	12	19	16	11	
	06-08	24	26	22	16	19	10	6	4	15	14	21	16	16	
	09-11	24	28	21	14	11	5	5	3	12	10	21	17	14	
	12-14	19	20	12	9	7	3	2	2	6	6	14	16	10	
	15-17	16	17	9	7	5	1	1	1	5	4	10	12	7	
	18-20	16	15	10	10	6	2	1	1	4	6	10	13	8	
	21-23	17	16	11	8	7	1	1	2	5	8	14	14	9	
	ALL HRS	20	20	15	10	10	4	3	2	8	9	16	15	11	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	15	10	5	8	1	1	1	5	7	11	10	7	
	03-05	16	17	13	8	11	4	2	2	6	11	15	11	10	
	06-08	18	19	15	10	12	6	3	3	10	11	16	14	11	
	09-11	16	20	12	8	6	2	2	2	7	7	17	12	9	
	12-14	13	14	6	5	3	2	1	1	5	4	11	9	6	
	15-17	12	12	6	4	3	1	1	1	3	3	8	7	5	
	18-20	11	11	8	7	3	1	1	1	3	4	8	8	5	
	21-23	12	12	7	6	5	1	1	1	3	5	8	8	6	
	ALL HRS	14	15	10	7	6	2	1	1	5	7	12	10	8	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	3	2	1	1	1	1	0	0	1	1	2	2	1	
	03-05	5	3	2	1	1	0	0	0	1	2	3	2	2	
	06-08	5	4	3	1	1	1	0	1	2	3	4	2	2	
	09-11	4	4	1	1	0	1	0	1	2	1	2	2	1	
	12-14	2	1	1	1	1	1	0	0	0	0	1	1	1	
	15-17	1	1	1	0	0	0	0	0	0	0	1	1	1	
	18-20	1	1	1	0	1	0	0	0	0	1	1	1	1	
	21-23	2	1	1	1	1	0	0	0	0	1	1	1	1	
	ALL HRS	3	2	1	1	1	1	0	1	1	1	2	2	1	1

AWS CLIMATIC BRIEF

ASTORIA WBAS/CLATSOP COUNTY APT, OREGON — PERIOD 1931-69 — WBAN # 94224, WMO # 72791

Prepared by ETAC (JA, 1971) — N 46 10 W 123 53 — ELEVATION 21 ft — STN LTRS KAST

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					99.95% (ft)	MEAN NUMBER OF DAYS						TEMPERATURE (°F)				MEAN CLOUD (Tenths)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (Fastest Speed/Mile) [1] [2]	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	MAXIMUM ≥ 90	MAXIMUM ≤ 32	MINIMUM ≤ 32	MINIMUM ≤ 0	
JAN	65	47	35	11	11.7	4.3	4	7	E	8	40	87	79	37	.22	800	24	8	2	#	1	16	0	0	9	0	8
FEB	72	50	36	19	9.9	2.9	#	4	SE	8	40	87	75	39	.24	800	20	6	#	#	#	14	0	0	7	0	8
MAR	73	52	37	24	8.9	2.7	1	6	SE	8	38	88	70	38	.23	700	20	6	1	#	1	11	0	0	8	0	8
APR	83	57	41	29	5.2	2.3	#	#	WNW	7	45	89	69	42	.27	550	19	3	0	0	#	13	0	#	3	0	8
MAY	86	62	45	30	3.2	1.7	0	0	NW	7	28	90	68	46	.31	350	15	1	0	0	#	11	0	1	#	0	8
JUN	93	65	50	38	3.0	2.4	0	0	NW	7	25	91	71	51	.37	250	14	1	0	0	#	12	#	#	0	0	8
JUL	100	69	53	42	1.3	1.4	0	0	NW	7	23	91	69	53	.40	200	7	1	0	0	#	11	#	1	0	0	7
AUG	99	69	53	42	1.5	1.7	0	0	NW	7	24	93	70	55	.43	200	10	1	0	0	#	16	0	#	0	0	7
SEP	92	67	49	36	3.1	2.6	0	0	SE	6	30	92	68	53	.40	350	11	2	0	0	1	17	#	2	0	0	6
OCT	81	61	45	30	7.8	3.5	0	0	SE	6	38	91	72	48	.33	500	18	5	0	0	2	17	0	#	#	0	7
NOV	71	54	39	15	11.2	3.5	#	2	SE	7	40	89	76	42	.27	700	20	7	#	#	1	14	0	0	5	0	8
DEC	63	49	37	15	13.7	3.0	2	7	ESE	8	45	88	80	40	.25	800	24	8	1	#	1	18	0	0	7	0	8
ANN	100	58	43	11	80.5	4.3	7	7	SE	7	45	90	72	45	.30	550	202	49	4	#	7	170	#	4	39	0	8
EYR	10	30	30	16	30	16	16	16	15	15	16	16	15	15	15	15	16	15	15	15	16	15	16	15	16	16	15

REMARKS [1] Means and extremes from the 1969 NOAA/EDS Local Climatological Data Annual Summary

[2] Observed fastest 1-minute values converted to knots

[3] Annual extremes exceeded at other sites in locality: EXT MAX: 101° in Jul 1942; EXT MIN: 10° in Jan 1946; MAX PRECIP in 24 Hrs: 7.0 in. in Jan 1919; MAX SNOWFALL in 24 HRS: 9 in. in Jan 1890

RECORD FOR: Hrly & Daily Obs: Jan 53 - Jul 67

NOTE: *DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG Less Than 1000 Feet and/or VSBY Less Than 3 Miles	00-02	45	40	34	38	37	44	52	52	37	36	35	43	41	
	03-05	45	40	39	43	45	51	60	62	42	39	37	45	46	
	06-08	48	43	42	46	47	51	61	57	40	41	38	48	47	
	09-11	47	40	40	41	39	46	48	43	28	32	34	44	40	
	12-14	46	39	38	34	29	33	25	26	19	28	35	44	33	
	15-17	45	39	36	31	25	32	22	22	18	28	34	42	31	
	18-20	40	37	34	33	29	35	32	28	23	28	33	43	33	
	21-23	42	38	31	30	32	40	41	38	29	32	35	44	36	
	ALL HOURS	45	40	37	37	35	41	43	41	30	33	35	44	38	15
CIG Less Than 1000 Feet and/or VSBY Less Than 3 Miles	00-02	24	20	14	18	16	23	29	35	24	23	20	25	23	
	03-05	22	22	19	21	20	26	36	39	29	26	22	25	26	
	06-08	23	21	19	21	19	26	34	35	26	26	21	25	25	
	09-11	24	18	14	14	11	19	19	19	14	17	18	23	17	
	12-14	21	15	12	12	7	13	8	10	8	13	14	21	13	
	15-17	23	17	12	12	8	12	8	10	9	14	17	22	14	
	18-20	20	19	13	13	10	14	13	15	12	15	18	26	16	
	21-23	24	21	12	14	12	18	24	23	18	20	18	26	19	
	ALL HOURS	23	19	15	16	13	19	22	23	17	19	19	24	19	13
CIG Less Than 1000 Feet and/or VSBY Less Than 2 Miles	00-02	13	14	7	11	8	13	16	23	15	17	12	16	14	
	03-05	12	13	10	14	13	16	21	27	21	19	12	17	16	
	06-08	13	14	13	15	11	15	21	24	20	20	14	17	16	
	09-11	15	11	9	7	6	9	9	12	8	12	14	17	11	
	12-14	14	8	6	6	3	4	2	5	4	9	10	14	7	
	15-17	14	12	7	8	4	6	3	6	6	10	11	15	9	
	18-20	12	10	6	8	5	7	6	12	8	11	11	16	9	
	21-23	13	12	5	7	6	10	12	17	10	13	11	14	11	
	ALL HOURS	13	12	8	9	7	10	11	16	12	14	12	16	12	15
CIG Less Than 200 Feet and/or VSBY Less Than ½ Mile	00-02	3	2	1	1	1	1	#	4	3	5	2	5	2	
	03-05	3	3	2	3	2	2	2	6	7	6	4	5	4	
	06-08	2	4	2	2	1	#	1	4	5	7	4	5	3	
	09-11	1	1	#	0	0	0	0	0	0	1	2	1	1	
	12-14	0	#	0	0	0	0	0	0	0	0	0	1	#	
	15-17	#	#	0	0	0	0	0	0	0	#	#	#	#	
	18-20	1	1	0	0	0	0	#	1	1	1	1	1	1	
	21-23	3	2	#	#	#	0	#	1	1	3	2	5	1	
	ALL HOURS	2	2	1	1	#	#	#	2	2	3	2	3	2	15

CB DATED AUG 1990 OBSOLETE

PREPARED BY: USAFETAC
MARCH 1987

STATION NAME: KLAMATH FALLS (KINGSLEY FLD) OR
LOCATION: 42 12 N 121 44

PERIOD: SEP 59-SEP 86 B
ELEV: 4092 FT

STN LTRS: LKT
WSC NO: 725895

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	37	21	29	56	-25	1.09	4.21	.05	1.55	9	24	9
FEB	44	27	35	67	-2	1.12	4.06	.01	2.16	6	13	11
MAR	49	28	39	75	3	1.13	3.22	.11	1.80	6	17	13
APR	55	33	43	106	13	.66	1.66	M	.66	3	13	5
MAY	65	38	52	98a	20	.77	2.07	.01	.77	1	2	2
JUN	74	45	60	94	26	.77	2.06	.01	1.11	0	1	1
JUL	93	50	67	96	30	.03	2.02	.00	1.05	0	0	0
AUG	91	49	65	100	30	.06	3.07	.00	.99	0	0	0
SEP	78	42	58	93	21	.09	2.03	.00	1.05	0	0	0
OCT	62	34	48	87a	14	1.11	4.17	M	1.55	1	7	7
NOV	47	26	36	69	-3a	1.17	4.13	.11	1.12	6	20	9
DEC	38	22	30	59	-20	1.19	6.17	.12	2.46	8	16	10a
ANN	59	35	47	106	-25	12.48	6.17	.00	2.46	60	24	13
YR	22	24	24	22	22	21	21	21	21	21	21	21

MONTH	MEAN RELATIVE HUMIDITY (%) LST 04	LST 11	MEAN VAPOR PRESSURE (MB)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01 (IN)	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1 (IN)	SNOWFALL ≥ 1.0	THUNDER STORMS	VSBY ≤ 1/4 MI	PDG	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 0
JAN	85	70	.14	25	4700	SE	4	47	7	11	1	6	2	0	10	C	0	26	8
FEB	86	68	.16	29	4750	SE	6	52	7	9	4	5	1	0	4	C	0	23	2
MAR	84	57	.17	29	4700	SE	7	52	7	10	1	4	1	0	3	C	0	28	1
APR	82	47	.17	31	4500	W	7	47	6	7	4	3	4	1	2	U	0	20	4
MAY	80	40	.21	36	4400	NW	6	52	5	6	4	1	4	2	2	4	3	7	C
JUN	78	35	.27	42	4250	NW	6	56	5	5	4	4	0	3	2	1	11	1	C
JUL	76	30	.31	46	4200	NW	5	36	3	2	4	0	0	2	1	C	22	C	C
AUG	75	29	.29	44	4250	NW	4	45	3	3	4	0	0	2	1	5	10	4	C
SEP	78	40	.25	40	4350	NW	5	36	4	3	4	4	0	1	2	4	10	2	C
OCT	80	45	.20	35	4400	NW	4	57	5	6	1	1	4	0	0	C	1	13	4
NOV	85	67	.16	29	4650	SE	4	44	7	10	4	4	1	0	0	C	0	22	2
DEC	83	71	.15	29	4600	SE	4	51	7	11	1	6	2	0	12	C	C	27	7
ANN	81	50	.20	36	4500	NW	5	52	5	83	4	32	7	11	51	32	67	165	20
YR	10	10	10	10	11	10	10	10	10	21	21	21	21	21	21	22	22	22	22

REMARKS: RUSSMO POR:
HOURLY ORS: OCT 76-SEP 86
SUMMARY OF DAY DATA: SEP 59-SEP 86

NOTE: * DATA NOT AVAILABLE — # AMTS < UNITS SHOWN IN HEADING — ** INSTANTANEOUS PEAK WINDS — $ % CALM GRTR % PLVG DRCTN — ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	21	17	21	5	4	2	2	0	3	6	16	16	9	
	03-05	24	20	19	9	5	3	1	1	4	7	20	21	11	
	06-08	25	25	17	11	9	5	1	1	6	12	29	33	15	
	09-11	26	25	19	10	9	5	1	1	7	10	30	31	15	
	12-14	17	20	16	9	5	3	1	1	5	9	22	26	11	
	15-17	14	14	13	8	3	2	1	1	3	7	19	23	9	
	18-20	15	15	13	7	4	2	1	1	5	6	18	21	9	
	21-23	15	16	14	7	5	3	1	1	4	5	15	22	8	
	ALL HRS	20	19	16	8	5	3	1	1	5	8	21	27	11	16
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	15	7	3	1	0	0	0	0	0	2	9	16	5	
	03-05	17	10	3	1	2	1	0	0	1	3	12	21	6	
	06-08	19	12	5	4	3	1	0	1	3	8	16	22	8	
	09-11	18	13	6	4	3	0	0	0	2	4	17	21	7	
	12-14	8	9	4	2	1	0	0	0	1	2	10	16	4	
	15-17	7	6	3	1	1	0	0	0	0	2	8	14	4	
	18-20	7	6	3	2	1	0	0	0	0	1	7	14	3	
	21-23	10	8	5	2	1	0	0	0	0	1	7	16	4	
	ALL HRS	13	8	4	3	1	0	0	0	1	3	11	18	5	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	13	5	2	0	0	0	0	0	0	1	7	15	4	
	03-05	15	7	2	1	1	0	0	0	1	2	10	17	5	
	06-08	16	9	3	3	1	0	0	0	1	3	6	19	18	6
	09-11	15	9	4	1	1	0	0	0	0	1	3	12	17	5
	12-14	6	6	2	1	1	0	0	0	0	0	2	7	12	3
	15-17	5	4	1	1	1	0	0	0	0	0	1	5	11	2
	18-20	6	5	2	1	0	0	0	0	0	0	1	4	11	2
	21-23	8	7	3	1	0	0	0	0	0	0	1	5	13	3
	ALL HRS	11	6	2	1	1	0	0	0	1	2	8	14	4	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	9	3	1	0	0	0	0	0	0	0	3	7	2	
	03-05	10	4	1	1	0	0	0	0	0	1	5	8	3	
	06-08	10	5	1	1	0	0	0	0	1	1	10	8	3	
	09-11	7	3	1	0	0	0	0	0	0	0	5	7	2	
	12-14	1	0	0	0	0	0	0	0	0	0	0	3	1	
	15-17	1	0	0	0	0	0	0	0	0	0	1	3	1	
	18-20	3	0	0	0	0	0	0	0	0	0	0	4	1	
	21-23	6	1	0	0	0	0	0	0	0	0	1	7	1	
	ALL HRS	6	2	1	0	0	0	0	0	0	1	3	6	2	1

A W S	STATION NAME: PORTLAND IAP OR	FIELD ELEV: 23 FT
	LATITUDE/LONGITUDE: 45 35 N 122 36 W	STATION NBC: 726980
CLIMATIC BRIEF	HOURLY OBS POR: JAN 81 - DEC 90	CALL SIGN: KPDX
	SUMMARY OF DAY POR: JAN 26-DEC 42, JAN 48-DEC 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: JUL 87
MAY 91	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	65	71	83	93	100	102	107	107	105	92	73	64	107	57
MEAN MAX TEMP (F)	44	50	55	61	68	73	79	79	74	64	53	46	62	57
MEAN TEMP (F)	39	43	47	52	58	63	68	68	63	55	46	41	54	57
MEAN MIN TEMP (F)	34	36	39	42	48	53	57	57	52	46	40	36	45	57
EXTRM MIN TEMP (F)	-2	-3	19	29	12	39	43	44	34	26	13	6	-3	57
D/W TEMP GE 85 (F)	0	0	0	1	2	4	8	8	4	1	0	0	28	57
D/W TEMP GE 75 (F)	0	0	1	2	7	12	22	22	13	3	0	0	82	57
D/W TEMP LT 33 (F)	12	7	4	1	#	0	0	0	0	1	4	8	37	57
D/W TEMP LT 20 (F)	2	1	#	0	#	0	0	0	0	0	1	1	5	57
HEATING DEGREE DAYS	787	605	552	390	245	97	25	20	83	305	559	731	4399	43
COOLING DEGREE DAYS	0	0	0	#	12	44	118	115	46	2	0	0	337	43
MEAN DEWPOINT TEMP (F)	35	35	40	42	46	50	53	54	50	47	40	33	44	10
MEAN WET BULB TEMP (F)	38	39	44	47	51	56	59	60	56	50	44	36	48	10
99.95% WCPA (FT)	650	700	650	500	350	350	250	250	350	450	700	650	500	10
MEAN REL HUM 07 LST(%)	87.1	85.6	87.3	84.4	80.8	78.2	76.6	79.7	84.3	90.0	86.7	83.7	83.7	10
MEAN REL HUM 13 LST(%)	73.5	67.7	63.3	59.3	57.0	53.7	50.6	48.2	51.3	63.8	72.3	73.8	61.2	10
MAX 24HR PRECIP (IN)	2.48	1.84	2.06	1.83	1.47	2.03	.92	1.47	2.23	1.81	2.43	3.99	3.99	57
MAX PRECIP (IN)	12.83	11.41	8.12	6.22	4.30	4.06	2.68	4.53	5.52	7.00	14.40	17.45	55.47	57
MEAN PRECIP (IN)	5.50	4.24	3.79	2.38	2.04	1.53	.50	.89	1.75	3.00	5.50	6.71	37.83	57
MIN PRECIP (IN)	.06	.78	.80	.53	.46	.02	.00	#	#	.19	.36	1.38	22.48	57
D/W PRECIP GE .01 (IN)	18	16	17	14	12	9	4	5	8	12	17	19	151	57
D/W PRECIP GT .50 (IN)	3	2	2	1	1	1	1	1	1	2	3	4	22	57
MAX 24HR SNFL (IN)	9.3	5.0	2.3	#	#	#	0	#	#	#	7.0	8.0	9.3	41
MAX SNFL (IN)	41.4	13.2	5.3	#	#	#	0	#	#	#	8.2	15.7	43.5	41
MEAN SNFL (IN)	3.6	.9	.3	#	#	#	0	#	#	#	.5	1.6	7.0	41
D/W SNFL GE .1 (IN)	2	1	1	0	0	0	0	0	0	0	1	1	6	41
D/W SNFL GE 1.5 (IN)	1	1	#	0	0	0	0	0	0	0	#	1	3	41
MAX DLY SNO DEPTH (IN)	15	14	5	0	0	0	0	0	0	0	5	11	15	41
PRVLNG WND DIR (DEG)	11-13	11-13	11-13	29-31	32-34	32-34	32-34	32-34	32-34	11-13	11-13	11-13	11-13	10
MEAN WND SPD (KTS)	8	8	7	7	6	7	7	6	6	6	8	8	7	10
MAX WND SPD (KTS)	55	59	62	55	42	34	30	33	44	75	62	50	75	29
SKY COVER GT 5/10 (%)	79.4	77.4	75.5	72.8	70.3	61.4	48.1	43.3	47.0	65.7	81.6	77.3	66.6	10
D/W THUNDERSTORMS	#	#	1	1	1	1	1	1	1	1	1	#	9	57
D/W FOG (VSBY LT 7 MI)	15	12	9	7	5	4	3	6	12	19	17	16	125	57

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	26.7	23.0	12.7	9.4	5.6	9.4	6.3	3.7	8.6	17.8	25.8	27.4	14.7	10
	03 - 05	31.5	30.6	19.6	14.7	12.5	14.1	14.8	13.2	17.4	32.7	29.6	32.4	21.9	10
CIG	06 - 08	32.7	32.5	22.3	24.0	17.7	20.8	24.1	23.2	25.9	42.0	33.6	36.0	27.9	10
LT 3000 FT	09 - 11	29.7	31.9	21.5	19.1	14.2	17.0	19.2	18.3	20.4	32.7	30.0	37.7	24.3	10
AND/OR	12 - 14	23.6	23.2	13.1	11.1	5.1	6.0	6.2	5.4	8.1	12.6	21.7	29.2	13.8	10
VSBY	15 - 17	21.2	15.0	8.7	6.1	3.1	2.9	2.7	1.8	4.3	6.9	14.1	26.2	9.4	10
LT 3 MI	18 - 20	20.5	15.4	8.7	6.0	4.0	3.9	2.2	1.0	3.6	7.5	12.7	26.4	9.3	10
	21 - 23	24.8	16.9	8.9	6.6	3.2	5.0	3.4	2.6	3.7	10.5	18.9	27.2	11.0	10
	ALL	26.4	23.6	14.4	12.1	8.2	9.9	9.9	8.6	11.5	20.3	23.3	30.3	16.5	10
	00 - 02	15.2	13.2	4.7	3.3	.4	2.0	1.3	1.0	3.6	12.2	14.4	18.3	7.5	10
	03 - 05	19.2	17.6	7.6	7.2	2.5	5.1	4.1	5.4	11.1	25.9	16.6	21.9	12.0	10
CIG	06 - 08	23.4	20.7	12.3	13.2	5.8	7.4	10.0	12.5	18.9	34.4	21.2	24.8	17.0	10
LT 1500 FT	09 - 11	20.9	20.8	7.1	6.4	1.7	3.2	3.5	4.7	10.9	24.4	16.1	25.4	12.1	10
AND/OR	12 - 14	11.6	10.8	2.0	1.2	.3	.9	.3	1.0	2.0	5.4	8.2	17.0	5.1	10
VSBY	15 - 17	7.7	5.6	2.2	.8	.8	.4	.4	.3	1.8	1.7	4.4	14.1	3.3	10
LT 3 MI	18 - 20	7.4	5.8	1.5	.7	.4	.9	.3	.5	.9	2.0	4.6	14.3	3.3	10
	21 - 23	11.9	7.2	2.2	1.1	.3	1.3	.5	.4	1.3	4.9	7.6	15.9	4.5	10
	ALL	14.7	12.7	4.9	4.2	1.5	2.7	2.6	3.2	6.3	13.9	11.6	19.0	8.1	10
	00 - 02	11.1	7.4	2.3	2.0	.1	.9	.4	.5	2.3	8.8	10.0	13.5	4.9	10
	03 - 05	15.3	12.2	4.3	3.3	1.1	2.1	2.3	1.9	6.9	20.8	10.9	15.9	8.1	10
CIG	06 - 08	18.1	16.0	8.7	8.0	2.8	3.0	4.9	7.1	12.2	28.3	12.9	18.3	11.7	10
LT 1000 FT	09 - 11	13.9	13.1	3.9	2.2	.3	.4	1.0	1.7	5.1	16.8	9.7	17.5	7.1	10
AND/OR	12 - 14	5.9	4.5	.9	.2	.0	.0	.1	.2	.4	2.3	2.4	10.3	2.3	10
VSBY	15 - 17	4.4	1.3	.6	.0	.1	.1	.0	.2	.4	.1	.8	9.7	1.5	10
LT 2 MI	18 - 20	3.8	1.5	.1	.1	.0	.2	.0	.2	.1	.6	1.9	9.4	1.5	10
	21 - 23	7.8	4.1	.6	.2	.3	.0	.0	.1	.2	2.7	5.7	12.2	2.8	10
	ALL	10.0	7.5	2.7	2.0	.6	.8	1.1	1.5	3.5	10.0	6.8	13.4	5.0	10
	00 - 02	6.0	3.7	.6	.1	.0	.1	.0	.0	.4	3.8	4.0	2.8	1.8	10
	03 - 05	7.0	7.0	1.7	.9	.0	.4	.1	.1	.9	9.4	5.7	3.9	3.1	10
CIG	06 - 08	8.0	7.9	4.8	1.4	.0	.1	.1	.0	1.1	11.6	5.3	4.5	3.7	10
LT 200 FT	09 - 11	4.2	4.0	1.1	.0	.0	.0	.0	.0	.0	1.7	3.3	3.2	1.5	10
AND/OR	12 - 14	.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	10
VSBY	15 - 17	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.1	10
LT 1/2 MI	18 - 20	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	.3	10
	21 - 23	2.5	1.5	.1	.0	.0	.0	.0	.0	.0	.6	1.3	3.0	.7	10
	ALL	3.8	3.1	1.0	.3	.0	.1	.0	.0	.3	3.4	2.5	2.7	1.4	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

AWS CLIMATIC BRIEF

OLMSTED STATE/MIDDLETOWN, PENNSYLVANIA — PERIOD: 1935-67B — WBAN # 14711 — WMO # —

Prepared by ETAC (JUL 1971) — N 40 12 W 76 46 — ELEVATION: 318 ft — STN LTRS: KMDT

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION[1]	MEAN SPEED	EXTREME (PEAK) (GUST) SPEED	MEAN 0400 RELATIVE HUMIDITY (%)	MEAN 1300 RELATIVE HUMIDITY (%)	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE 99.95% (ft msl)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< ¼ MILE)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUD (TENTHS)
JAN	75	37	23	-8	2.9	2.0	9	13	WNW	6	57	74	63	21	.11	950	11	2	5	2	#	12	0	0	26	1	6
FEB	74	40	25	-6	2.6	2.4	10	10	WNW	7	54	74	60	22	.12	1100	9	2	5	2	#	11	0	0	23	#	6
MAR	83	49	31	8	3.6	1.9	7	13	WNW	7	56	75	56	28	.15	1000	12	2	3	2	1	11	0	#	17	0	6
APR	93	62	41	24	3.4	2.7	#	2	WNW	7	51	77	52	38	.23	1000	12	2	#	#	2	10	#	2	4	0	6
MAY	96	73	52	31	3.8	2.8	#	#	WNW	6	63	82	52	49	.35	800	12	2	0	0	5	13	1	8	#	0	6
JUN	101	81	61	42	3.4	2.9	0	0	WNW	5	61	85	53	59	.50	700	11	2	0	0	6	12	5	18	0	0	6
JUL	102	86	65	48	3.3	2.0	0	0	WNW	4	62	86	52	63	.58	650	9	2	0	0	6	13	8	27	0	0	6
AUG	102	83	63	46	3.4	2.5	0	0	WNW	4	58	88	54	62	.56	650	10	2	0	0	5	17	6	23	0	0	5
SEP	102	76	56	32	2.9	2.9	0	0	WNW	4	56	88	56	56	.45	700	8	2	0	0	2	15	2	11	#	0	5
OCT	91	66	45	23	2.8	3.5	#	#	WNW	4	64	85	55	45	.30	800	8	2	0	0	1	16	#	3	#	0	5
NOV	82	52	35	4	3.4	3.1	2	7	WNW	6	61	80	59	34	.20	950	10	2	1	#	#	14	0	#	12	0	6
DEC	70	40	26	-9	3.1	2.3	7	9	WNW	6	48	76	63	24	.13	950	9	2	3	2	#	12	0	0	24	#	6
ANN	102	62	44	-9	38.6	3.5	35	13	WNW	6	64	81	56	42	.27	900	121	24	17	8	28	156	22	92	108	1	6
EYR	28	29	29	28	28	27	21	20	31	31	20	31	31	31	31	21	28	28	21	21	21	21	29	29	29	29	22

REMARKS

	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
Number Observed Within: (POR: 1900-1970) 60 NM	0/0	0/0	2/0	2/0	0/0	0/0	0/0	4/0
(A) Hurricanes/Tropical Storms 120 NM	0/0	1/0	3/0	6/1	1/0	0/0	0/0	11/1
(B) Hurricanes Only 240 NM	3/0	3/1	13/8	15/10	3/1	0/0	1/0	38/20

[1]Prevailing Direction Evenings: Jun-Aug: S; Sep: SSE

RUSSWO POR: Hrly Obs: 3502-09, 3703-06, 3710-3803, 3804-6706. Daily Obs: 3711-3802, 3804-6612.

NOTE: "DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	25	24	21	19	19	14	11	15	19	19	23	24	19	29
	03 - 05	27	26	24	22	26	24	22	27	28	28	25	25	25	29
	06 - 08	30	31	29	26	28	26	25	34	39	38	32	31	31	31
	09 - 11	30	30	25	21	22	17	17	22	25	27	28	30	25	31
	12 - 14	25	23	21	19	17	12	11	14	18	16	21	26	19	31
	15 - 17	24	22	20	16	14	10	7	9	12	12	19	23	16	31
	18 - 20	24	22	20	16	14	10	7	9	12	12	19	23	16	30
	21 - 23	25	21	19	17	14	10	8	10	14	13	20	24	16	30
	ALL HOURS	26	25	22	20	19	15	14	18	21	21	23	26	21	
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	20	19	16	13	14	9	7	10	14	16	18	20	15	29
	03 - 05	22	21	18	17	20	18	17	23	23	23	20	21	20	29
	06 - 08	25	26	24	20	23	20	20	30	32	34	26	26	26	31
	09 - 11	25	25	20	16	15	10	9	13	17	21	22	26	18	31
	12 - 14	21	19	14	12	9	6	4	6	9	9	14	20	12	31
	15 - 17	18	17	14	11	7	5	3	4	7	7	13	19	10	31
	18 - 20	20	18	15	11	7	5	3	5	8	7	13	18	11	30
	21 - 23	19	17	15	12	9	6	4	6	10	8	15	19	12	30
	ALL HOURS	21	20	17	14	13	10	8	12	15	15	18	21	15	
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	15	14	11	8	8	6	3	5	9	8	12	13	9	29
	03 - 05	17	16	13	11	13	11	10	12	13	15	14	15	13	29
	06 - 08	18	19	17	14	15	12	11	17	22	24	18	19	17	31
	09 - 11	18	18	14	10	8	5	5	6	10	13	14	18	12	31
	12 - 14	14	14	10	7	5	3	2	3	5	5	9	14	8	31
	15 - 17	14	13	9	6	4	2	1	2	4	4	9	13	7	31
	18 - 20	13	13	11	6	4	3	2	2	4	4	9	13	7	30
	21 - 23	13	13	12	7	5	3	2	2	6	4	9	14	8	30
	ALL HOURS	15	15	12	9	8	6	4	6	9	10	12	15	10	
CIG less than 200 feet and/or VSBY less than ½ mile	00 - 02	2	3	2	1	1	#	#	#	1	1	2	3	1	29
	03 - 05	3	3	2	1	1	1	1	1	2	4	3	3	2	29
	06 - 08	4	3	2	1	1	1	1	2	4	6	4	4	3	31
	09 - 11	3	1	1	1	0	#	0	#	1	1	1	3	1	31
	12 - 14	1	1	1	0	0	0	0	0	0	#	#	2	#	31
	15 - 17	1	2	1	#	0	#	0	0	0	0	1	2	1	31
	18 - 20	2	2	1	#	0	0	#	0	0	0	1	2	1	30
	21 - 23	2	3	1	1	#	0	0	0	#	#	2	2	1	30
	ALL HOURS	2	2	1	1	#	#	#	#	1	2	2	3	1	

PREPARED BY USAFETAC
FEBRUARY 1980

STATION NAME GTR PITTSBURGH IAP/PITTSBURGH PA
LOCATION N40 30 W080 14

PERIOD JUN 53-MAY 79 B
ELEV 1203

STN LTRS PIT
WBAN NO 94823
WMO NO 72520

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	SUNSHINE COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	34	17	26	68	-18	2.8	6.3	1.1	1.2	13	40	12	74	68	.16	17	1950	W	10	54	8	17	1	12	3	8	13	0	0	27	2
FEB	37	21	29	69	-9	2.4	6.0	.5	2.3	11	24	10	70	62	.10	18	1900	W	9	68	7	14	1	10	2	8	11	0	0	24	1
MAR	48	29	39	80	-1	3.5	6.1	1.1	1.8	9	21	13	69	57	.15	27	1900	W	10	78	8	16	2	8	2	2	13	0	0	20	0
APR	61	40	51	87	15	3.3	7.6	.5	1.66	1	6	38	68	49	.20	34	1850	W	9	64	7	13	2	2	0	0	11	0	2	0	0
MAY	71	48	60	91	26	3.4	6.4	1.2	2.3	0	3	3	75	51	.31	46	1650	W	8	52	7	12	2	0	0	5	14	0	7	1	0
JUN	79	57	68	96	34	3.3	5.1	.9	1.8	0	0	0	79	53	.44	55	1600	SW	7	62	7	11	2	0	0	0	7	15	2	16	0	0
JUL	82	61	72	99	42	3.7	7.4	1.8	3.0	0	0	0	82	55	.52	60	1500	SW	7	70	6	11	3	0	0	7	18	3	22	0	0
AUG	81	60	71	97	40	3.3	7.6	.8	3.1	0	0	0	85	57	.52	60	1400	SW	6	77	6	10	2	0	0	6	21	2	20	0	0
SEP	75	54	64	97	31	2.9	5.4	.7	2.1	0	0	0	84	59	.42	54	1500	W	6	62	6	9	2	0	0	3	19	1	9	0	0
OCT	64	43	53	87	16	2.6	8.2	.2	3.6	0	2	2	80	58	.27	42	1600	W	7	67	6	10	1	0	0	1	15	0	1	0	0
NOV	50	34	42	82	-1	2.3	4.7	.9	1.4	4	11	10	77	64	.19	33	1750	W	9	62	8	13	1	0	1	1	13	0	0	15	0
DEC	38	24	32	72	-7	2.6	5.2	.4	1.5	9	21	9	73	67	.12	23	1900	W	9	54	8	17	1	10	2	0	14	0	0	25	1
ANN	60	41	51	99	-18	36.1	8.2	.2	3.6	67	40	13	76	58	.24	39	1750	W	8	78	7	153	20	96	10	36	177	8	77	124	4
YR	26	26	26	26	26	26	26	26	26	26	26	26	10	10	10	10	10	10	10	26	10	26	26	26	26	26	26	26	26	26	26

REMARKS: RUSSWO POR:

HOURLY OBS: JUN 69-MAY 79
DAILY OBS: JUN 53-MAY 79

TROPICAL STORMS (POR: 1900-1970, 1972-1977)
NUMBER OBSERVED WITHIN

	JUN	JUL	AUG	SEP	OCT	ANN
60 NM	0	0	0	1	0	1
120 NM	0	0	1	2	0	5
240 NM	1	1	2	9	1	14

NOTE * DATA NOT AVAILABLE = AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S % CALM &RTR % PLVG. DRCTN # BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	46	39	25	16	14	17	17	15	19	17	30	43	25	
	03-05	48	40	29	21	23	29	30	27	32	25	33	45	32	
	06-08	52	41	36	26	29	38	44	56	46	32	41	50	41	
	09-11	53	41	37	26	25	29	39	38	34	31	43	50	37	
	12-14	54	44	33	20	17	19	22	24	23	23	36	50	30	
	15-17	48	37	27	18	13	12	16	12	14	17	31	47	24	
	18-20	41	34	24	14	11	13	16	10	11	16	27	40	21	
	21-23	40	33	23	13	11	12	11	9	11	15	28	44	21	
	ALL HRS	48	39	29	19	18	21	24	24	24	22	34	46	29	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	28	20	11	9	10	14	12	12	16	12	17	23	15	
	03-05	29	20	15	12	14	26	25	23	27	19	20	25	22	
	06-08	33	26	24	17	24	35	42	53	43	27	26	29	32	
	09-11	38	26	23	14	14	18	28	29	26	22	28	32	25	
	12-14	33	22	17	9	9	8	10	12	10	13	20	28	16	
	15-17	28	20	14	9	7	6	10	7	7	10	17	28	13	
	18-20	24	18	11	9	6	8	12	8	7	9	15	22	12	
	21-23	23	19	12	7	7	9	8	7	8	10	17	21	11	
	ALL HRS	30	21	16	11	12	16	18	19	18	15	20	26	19	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	17	12	8	6	7	9	6	7	9	9	10	17	10	
	03-05	18	12	10	8	12	17	14	15	17	13	11	17	14	
	06-08	19	14	13	10	15	19	25	32	26	16	18	19	19	
	09-11	21	16	12	8	8	9	11	12	15	15	17	20	14	
	12-14	18	13	8	4	5	4	5	4	5	7	12	18	9	
	15-17	16	13	5	5	4	3	3	2	3	6	10	17	7	
	18-20	14	14	6	4	4	4	3	2	3	7	9	15	7	
	21-23	16	12	7	5	5	5	3	3	4	7	10	16	8	
	ALL HRS	17	13	9	6	8	9	9	10	11	10	12	17	11	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	0	0	1	1	0	1	1	1	1	2	2	1	
	03-05	1	2	1	1	2	3	3	3	3	3	4	2	2	
	06-08	2	1	1	0	2	3	4	5	6	4	5	3	3	
	09-11	2	2	1	0	0	0	0	0	1	1	3	2	1	
	12-14	2	1	0	0	0	0	0	0	0	0	1	1	0	
	15-17	1	1	0	0	0	0	0	0	0	0	0	1	0	
	18-20	2	2	0	0	0	0	0	0	0	0	1	1	1	
	21-23	2	0	0	0	0	0	0	0	1	1	1	1	1	
	ALL HRS	2	1	0	0	1	1	1	1	2	1	2	2	1	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GREATER PITTSBURGH IAP, PA STATION #: 725200 ICAO: PIT
LOCATION: 4030N 8013W ELEVATION (FEET): 1224 LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX 1	69	73	82	86	90	96	102	98	92	82	77	74	102
MEAN DAILY MAX 1	34	38	50	61	70	78	82	80	73	61	51	39	60
MEAN 1	27	30	40	50	60	68	72	71	64	52	43	32	51
MEAN DAILY MIN 1	20	22	32	40	49	58	62	61	54	43	35	25	42
EXTREME MIN 1	-18	-11	0	12	24	36	44	40	34	22	0	-12	-18
# DAYS GE 90 1	0	0	0	0	#	1	4	2	#	0	0	0	7
# DAYS LE 32 1	27	22	17	7	#	0	0	0	0	3	12	24	112
# DAYS LE 0 1	2	1	#	0	0	0	0	0	0	0	#	1	4
2. PRECIPITATION (INCHES)													
MAXIMUM 2	6.3	6.0	6.1	7.6	6.4	5.1	7.4	7.6	5.4	8.2	4.7	5.2	*
MEAN 2	2.8	2.4	3.5	3.3	3.4	3.3	3.7	3.3	2.9	2.6	2.3	2.6	36.1
MINIMUM 2	1.1	0.5	1.1	0.5	1.2	0.9	1.8	0.8	0.7	0.2	0.9	0.4	*
MAX 24 HR 2	1.2	2.3	1.8	1.6	2.3	1.8	3.0	3.1	2.1	3.6	1.4	1.5	3.6
# DAYS W/PRECIP 1	23	20	20	17	17	15	12	12	12	15	18	23	204
# DAYS GE 0.5 2	1	1	2	2	2	2	3	2	2	1	1	1	20
3. SNOWFALL (INCHES)													
MEAN 2	13	11	9	1	#	0	0	#	0	#	4	9	47
MAXIMUM 2	40	24	21	6	3	0	0	#	0	2	11	21	*
MAX 24 HR 2	12	10	13	3	3	0	0	#	0	2	10	9	13
# DAYS GE 0.1 1	19	15	10	4	0	0	0	0	0	1	7	15	71
# DAYS GE 1.5 2	3	2	2	#	#	0	0	0	0	#	1	2	10
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST) 1	73	72	71	72	77	80	83	84	84	79	75	74	77
RH (15 LST) 1	62	58	51	46	50	50	53	55	54	53	58	63	54
VAPOR PRESS 1	.11	.13	.17	.22	.34	.46	.55	.55	.44	.28	.20	.14	.30
DEWPOINT 1	18	20	27	34	46	55	61	60	54	41	33	23	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	W	W	W	W	W	SW	SW	SW	W	W	W	W
MEAN SPEED (PVLG DRCTN) 1	12	11	11	11	9	8	7	7	8	9	10	11	10
MEAN SPEED (ALL OBS) 1	9	9	9	9	7	7	6	6	6	7	8	9	8
MAX PEAK GUST 2	54	68	78	64	52	62	70	77	62	67	62	54	78
PRESSURE ALT 2	1950	1900	1900	1850	1650	1600	1500	1400	1500	1600	1750	1900	1950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	6	6	6	5	5	5	5	5	5	5	6	6	5
DAYS TSTMS 1	#	1	2	3	7	9	8	7	4	1	1	#	44
DAYS FOG LT 7 1	12	11	12	11	15	16	19	22	20	15	12	14	178
DAYS BNBD LT 7 1	0	0	#	#	0	0	0	0	0	0	0	0	0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(GREATER PITTSBURGH IAP, PA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, FEB 80, PERIOD OF RECORD RANGING FROM 10-26 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	46	40	27	21	19	17	20	23	21	22	33	45	28
03-05 LST	50	42	31	23	27	26	32	36	31	27	34	47	34
06-08 LST	52	46	38	31	35	36	43	53	45	36	41	48	42
09-11 LST	54	48	41	30	32	29	34	39	36	34	43	49	39
12-14 LST	54	48	35	27	26	23	26	31	26	29	39	52	35
15-17 LST	48	41	31	22	19	15	18	18	16	23	33	47	28
18-20 LST	43	38	26	19	16	13	15	15	12	20	30	44	24
21-23 LST	42	36	24	19	15	12	14	14	13	19	29	45	24
ALL HOURS	49	42	31	24	24	21	25	29	25	26	35	47	32

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	21	15	12	14	14	17	20	16	13	19	24	18
03-05 LST	29	24	18	15	21	22	28	33	26	19	19	26	23
06-08 LST	31	29	25	21	28	32	40	49	38	27	24	26	31
09-11 LST	37	32	24	16	20	18	26	30	26	22	24	29	25
12-14 LST	31	24	18	12	13	10	13	17	11	13	18	28	17
15-17 LST	27	22	13	10	10	7	11	11	8	10	16	25	14
18-20 LST	23	19	11	10	10	8	12	12	7	9	14	22	13
21-23 LST	24	19	12	10	10	7	11	12	8	11	16	23	14
ALL HOURS	29	24	17	13	16	15	20	23	17	15	19	26	19

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	14	11	8	9	8	9	11	9	10	12	17	11
03-05 LST	19	16	12	11	15	15	15	20	16	14	12	17	15
06-08 LST	21	19	18	13	19	20	27	35	27	20	16	18	21
09-11 LST	25	21	16	10	12	8	13	18	15	15	17	21	16
12-14 LST	21	18	11	7	8	4	5	7	5	9	13	18	10
15-17 LST	19	16	9	7	6	3	4	4	3	6	10	18	9
18-20 LST	15	15	7	7	6	4	5	4	3	6	9	15	8
21-23 LST	16	14	8	6	6	4	4	5	4	7	9	16	8
ALL HOURS	19	17	12	9	10	8	10	13	10	11	12	18	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	2	2	1	1	1	3	1	3	3	4	2
03-05 LST	4	3	2	2	2	3	3	4	4	4	4	4	3
06-08 LST	4	3	3	2	3	2	3	7	7	6	4	3	4
09-11 LST	3	3	1	1	#	#	1	1	2	3	3	3	2
12-14 LST	3	2	1	0	#	#	#	#	#	#	1	3	1
15-17 LST	2	1	1	#	#	0	0	#	#	#	2	3	1
18-20 LST	2	2	1	#	#	#	#	#	#	1	1	3	1
21-23 LST	2	2	1	1	1	#	1	1	#	1	2	3	1
ALL HOURS	3	3	2	1	1	1	1	2	2	2	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GREATER PITTSBURGH IAP, PA STATION #: 725200 ICAO: PIT
LOCATION: 4030N 8013W ELEVATION (FEET): 1224 LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	#	1	2	2	1	1	#	#	#	1
03-05 LST	0	#	1	#	1	1	1	1	1	#	#	0	#
06-08 LST	#	#	#	#	1	1	1	#	1	#	#	#	#
09-11 LST	0	0	#	#	1	1	#	#	#	#	#	0	#
12-14 LST	0	0	#	0	1	1	2	1	1	#	0	#	1
15-17 LST	#	#	1	1	2	3	2	2	1	#	#	0	1
18-20 LST	0	#	1	1	3	4	3	2	1	1	#	#	1
21-23 LST	0	#	1	1	2	4	3	2	1	#	#	0	1
ALL HOURS	#	#	#	1	1	2	2	1	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	10	11	12	13	8	5	5	8	10	12	11	10
03-05 LST	8	11	13	11	13	7	6	6	8	10	11	12	10
06-08 LST	9	11	12	11	13	7	6	7	8	12	13	11	10
09-11 LST	8	9	10	11	12	6	6	5	8	11	14	11	9
12-14 LST	7	10	8	13	13	6	6	7	7	10	11	10	9
15-17 LST	8	9	9	13	13	8	6	6	7	10	14	12	9
18-20 LST	9	9	10	14	15	8	7	5	6	11	13	13	10
21-23 LST	7	9	11	13	14	8	6	5	7	10	11	11	10
ALL HOURS	8	10	11	12	13	7	6	6	7	11	12	11	10

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	21	11	4	#	0	#	0	0	1	7	21	8
03-05 LST	29	24	12	5	#	0	0	0	#	1	8	21	8
06-08 LST	30	22	14	6	#	#	0	#	0	1	9	22	9
09-11 LST	31	23	13	5	0	0	0	0	0	#	7	20	8
12-14 LST	27	21	13	5	0	0	0	#	0	1	7	19	8
15-17 LST	23	18	10	3	#	0	0	0	0	#	6	17	7
18-20 LST	23	17	8	3	#	#	0	#	0	1	7	15	6
21-23 LST	24	19	9	5	#	0	0	0	0	1	6	18	7
ALL HOURS	27	21	11	4	#	#	#	#	#	1	7	19	8

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	1	#	#	#	#	#	#	1	3	1
03-05 LST	3	2	2	1	#	#	0	0	0	#	1	2	1
06-08 LST	3	1	1	2	#	#	0	0	0	#	1	2	1
09-11 LST	5	2	3	4	1	1	#	#	#	1	2	3	2
12-14 LST	7	4	7	8	2	1	1	#	1	2	4	5	4
15-17 LST	6	4	8	7	2	1	#	#	1	2	3	3	3
18-20 LST	4	2	4	3	1	#	#	#	#	#	1	3	1
21-23 LST	4	3	2	2	1	#	0	#	#	#	1	3	1
ALL HOURS	4	2	4	4	1	#	#	#	#	1	2	3	2

(GREATER PITTSBURGH IAP, PA)
REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, FEB 80, PERIOD OF RECORD RANGING FROM 10-26 YRS.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	12	10	7	8	7	8	10	8	9	10	15	10
03-05 LST	17	14	11	9	14	15	14	19	14	13	10	15	14
06-08 LST	18	16	16	11	17	18	26	34	25	18	15	15	19
09-11 LST	23	19	14	8	10	7	11	16	14	14	15	19	14
12-14 LST	19	15	9	6	6	3	5	5	4	7	11	16	9
15-17 LST	17	14	8	6	5	3	3	4	3	5	9	16	8
18-20 LST	13	14	6	5	6	3	4	4	2	5	7	13	7
21-23 LST	14	12	7	6	6	4	4	5	4	6	8	14	7
ALL HOURS	17	15	10	7	9	7	9	12	9	10	11	15	11

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	6	4	5	4	5	6	4	7	7	10	6
03-05 LST	11	10	7	6	8	9	9	11	10	9	7	10	9
06-08 LST	10	10	9	7	10	10	15	23	18	13	10	10	12
09-11 LST	13	10	7	4	5	3	5	9	8	8	10	11	8
12-14 LST	12	8	5	2	3	2	2	3	2	4	6	10	5
15-17 LST	9	8	4	2	3	1	2	2	1	3	5	10	4
18-20 LST	7	8	4	2	3	2	3	1	1	3	4	9	4
21-23 LST	8	7	4	3	3	2	2	2	2	4	5	9	4
ALL HOURS	10	9	6	4	5	4	5	7	6	6	7	10	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	3	3	2	2	3	4	2	4	4	6	4
03-05 LST	6	7	5	4	4	5	5	7	6	6	5	6	5
06-08 LST	7	7	6	4	6	5	8	15	12	8	6	6	7
09-11 LST	8	6	4	2	3	1	2	4	4	5	6	6	4
12-14 LST	8	6	3	1	1	#	1	1	1	1	3	6	3
15-17 LST	6	5	3	1	1	#	1	1	1	1	3	6	2
18-20 LST	5	5	2	1	1	1	1	1	#	1	2	6	2
21-23 LST	5	4	2	2	1	1	1	1	1	2	3	6	2
ALL HOURS	6	6	4	2	2	2	3	4	3	4	4	6	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	1	1	1	1	1	2	2	2	1
03-05 LST	1	1	1	1	1	1	2	3	2	3	2	2	2
06-08 LST	1	2	1	1	2	1	2	5	5	4	2	2	2
09-11 LST	1	1	#	#	#	0	#	1	1	1	1	1	1
12-14 LST	1	1	#	#	0	0	0	0	#	0	#	1	#
15-17 LST	1	#	#	0	0	0	0	#	0	0	1	1	#
18-20 LST	1	1	#	#	#	0	0	#	#	#	1	1	#
21-23 LST	1	1	#	#	#	#	#	#	#	1	1	1	#
ALL HOURS	1	1	1	#	#	#	1	1	1	1	1	2	1

A W S (LIMITED) CLIMATIC BRIEF	STATION NAME: MUIR AAF/INDIANTOWN GAP PA	FIELD ELEV: 488 FT
	LATITUDE/LONGITUDE: 40 26 N 076 34 W	STATION MSC: 725144
	HOURLY OBS POR: JUL 82 - JUN 92	CALL SIGN: KMUI
	SUMMARY OF DAY POR: AUG 78-JUL 92 (PART TIME)	
	HOURS SUMMARIZED: 0000, 0700 - 2300 LST	SUPERSEDES: OCT 89
OCT 92	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	74	77	88	92	98	103	107	106	103	96	82	72	107	58
@ MEAN MAX TEMP (F)	38	40	50	62	73	81	87	84	76	64	53	41	62	58
@ MEAN TEMP (F)	30	32	40	51	62	70	76	73	65	54	43	33	52	58
@ MEAN MIN TEMP (F)	22	22	29	39	50	59	64	61	54	43	33	24	42	58
@ EXTRM MIN TEMP (F)	-23	-12	-2	19	29	38	46	42	28	21	8	-11	-23	58
D/W TEMP GE 90 (F)	0	0	0	1	2	5	11	6	1	0	0	0	26	12
D/W TEMP GE 80 (F)	0	0	1	2	9	18	26	24	9	1	#	0	90	12
D/W TEMP LT 33 (F)	25	19	11	2	0	0	0	0	0	1	5	19	82	12
D/W TEMP LT 10 (F)	3	1	#	0	0	0	0	0	0	0	0	1	5	12
HEATING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COOLING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DEWPOINT TEMP (F)	22	25	31	40	51	59	64	64	57	46	35	26	44	10
MEAN WET BULB TEMP (F)	28	31	38	47	57	64	69	68	61	51	41	32	50	10
99.95% WCPA (FT)	1250	1200	1250	1150	1000	900	800	800	850	950	1050	1100	1050	10
MEAN REL HUM 07 LST(%)	75.1	74.0	72.5	72.1	75.7	75.2	77.1	82.6	84.0	81.7	78.2	75.0	77.6	10
MEAN REL HUM 13 LST(%)	64.7	62.8	59.8	58.1	58.3	54.2	56.0	61.2	61.5	60.0	61.6	66.2	60.3	10
@ MAX 24HR PRECIP (IN)	2.88	2.16	2.14	3.25	3.12	7.16	4.00	5.72	5.00	3.87	5.11	2.84	5.72	58
@ MAX PRECIP (IN)	9.93	7.40	6.67	10.73	11.01	16.16	10.19	12.44	14.97	9.87	7.20	7.57	57.95	58
@ MEAN PRECIP (IN)	3.04	2.85	3.36	3.94	4.26	4.09	3.98	3.80	3.64	3.16	3.65	3.23	42.64	58
@ MIN PRECIP (IN)	.43	.53	1.02	.45	.51	.07	.78	.93	.65	.04	.79	.23	28.98	42
D/W PRECIP GE .01 (IN)	12	10	11	13	13	11	12	11	9	10	11	11	134	15
D/W PRECIP GT .50 (IN)	2	2	3	4	4	3	3	3	2	3	3	2	34	15
@ MAX 24HR SNFL (IN)	14.0	24.0	10.5	8.5	#	0	0	0	0	1.2	10.0	10.2	24.0	58
@ MAX SNFL (IN)	34.0	30.2	22.6	10.7	#	0	0	0	0	1.2	15.4	28.3	81.7	58
@ MEAN SNFL (IN)	8.2	8.2	4.9	.8	#	0	0	0	0	#	1.6	4.9	28.6	58
D/W SNFL GE .1 (IN)	6	3	2	1	0	0	0	0	0	0	1	3	16	15
D/W SNFL GE 1.5 (IN)	2	1	1	1	0	0	0	0	0	0	1	1	7	15
@ MAX DLY SNO DEPTH (IN)	14	24	10	8	#	0	0	0	0	1	10	10	24	58
PRVLNG WND DIR (DEG)	$26-28	$29-31	$29-31	$29-31	$29-31	$29-31	$29-31	$29-31	$26-28	$26-28	$26-28	$26-28	$29-31	10
MEAN WND SPD (KTS)	5	6	6	6	5	4	4	3	3	4	5	5	5	10
@ MAX WND SPD (KTS)	48	45	50	38	43	53	40	48	48	41	62	47	62	17
SKY COVER GT 5/10 (%)	65.1	66.0	62.2	64.6	65.7	59.8	59.2	57.4	56.9	54.5	66.0	70.0	62.1	10
@ D/W THUNDERSTORMS	#	1	1	2	5	6	7	5	3	1	1	#	32	42
D/W FOG (VSBY LT 7 MI)	11	10	10	10	13	12	15	17	16	13	11	11	149	15

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	7.8	16.7	8.9	14.3	*	*	*	*	*	18.5	21.2	17.7	8.3	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	21.0	25.3	25.8	23.1	29.4	23.1	28.2	32.5	35.2	31.4	24.8	20.3	26.7	10
LT 3000 FT	09 - 11	19.8	24.9	22.7	21.5	21.8	14.5	18.7	21.0	24.5	22.6	23.3	21.0	21.4	10
AND/OR	12 - 14	19.2	22.6	20.0	19.2	15.5	10.0	11.3	10.2	16.2	15.9	21.2	19.7	16.7	10
VSBY	15 - 17	16.4	22.0	17.7	15.1	14.6	8.5	9.8	7.9	12.9	14.2	18.4	20.9	14.9	10
LT 3 MI	18 - 20	13.0	19.5	17.2	15.3	14.2	9.3	10.6	11.2	12.5	12.6	18.8	22.0	14.7	10
	21 - 23	9.9	18.4	15.2	13.0	14.2	10.7	13.4	13.0	16.4	13.6	19.1	17.3	14.5	10
	ALL	16.6	22.1	19.3	18.0	18.3	12.6	15.3	15.8	19.7	18.4	20.8	20.3	18.0	10
	00 - 02	5.6	13.3	7.9	9.1	*	*	*	*	*	12.5	18.7	14.5	6.5	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	16.5	20.8	20.6	16.3	24.0	20.9	25.5	28.6	30.7	27.1	20.5	15.7	22.3	10
LT 1500 FT	09 - 11	16.5	20.4	18.0	13.2	15.9	10.7	14.4	15.1	17.0	17.5	18.5	14.9	16.0	10
AND/OR	12 - 14	15.6	17.5	14.3	10.4	10.3	5.4	6.7	6.1	8.1	9.8	13.7	15.6	11.1	10
VSBY	15 - 17	13.7	15.3	13.8	9.6	9.2	5.5	6.4	5.7	5.7	9.1	12.4	15.6	10.2	10
LT 3 MI	18 - 20	9.9	15.1	10.8	8.8	11.1	6.4	8.9	9.9	6.7	9.2	10.8	17.7	10.4	10
	21 - 23	7.3	14.2	9.7	6.5	10.7	7.1	12.2	10.7	12.4	10.7	11.9	11.1	10.4	10
	ALL	13.4	17.1	14.3	10.8	13.4	9.1	12.0	12.3	13.2	13.7	14.5	15.2	13.2	10
	00 - 02	4.4	11.1	5.9	6.1	*	*	*	*	*	6.2	13.7	11.3	4.9	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	13.5	16.3	17.4	13.1	16.9	11.7	16.5	18.5	20.8	20.6	15.5	11.9	16.1	10
LT 1000 FT	09 - 11	13.4	15.6	14.0	9.8	7.8	6.0	7.6	6.8	10.6	11.5	13.6	12.4	10.8	10
AND/OR	12 - 14	10.6	13.4	9.6	6.4	5.2	3.9	4.0	2.5	2.4	5.3	9.9	12.3	7.1	10
VSBY	15 - 17	9.8	11.5	7.3	5.7	4.5	4.4	1.5	2.4	2.0	4.6	8.5	11.1	6.1	10
LT 2 MI	18 - 20	8.0	11.2	5.7	6.4	5.9	4.5	3.9	2.8	3.4	5.0	8.8	12.9	6.5	10
	21 - 23	6.4	11.3	5.1	4.5	4.9	4.4	5.1	2.7	7.6	7.4	8.8	8.8	6.4	10
	ALL	10.3	13.1	9.5	7.5	7.4	5.7	6.3	5.8	7.5	8.8	10.7	11.8	8.6	10
	00 - 02	1.1	1.1	.0	.0	*	*	*	*	*	6.2	1.2	3.2	1.1	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	3.0	4.9	2.1	2.1	.9	.6	1.8	.7	5.6	7.0	4.7	3.1	3.0	10
LT 200 FT	09 - 11	2.2	1.9	.2	.7	.0	.0	.0	.2	.6	1.2	3.0	2.6	1.0	10
AND/OR	12 - 14	2.0	1.6	.1	.0	.0	.0	.1	.0	.0	.0	.0	2.1	.5	10
VSBY	15 - 17	1.3	2.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.6	.4	10
LT 1/2 MI	18 - 20	1.1	1.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	1.5	.3	10
	21 - 23	1.4	.7	.0	.0	.4	.0	.0	.2	.7	1.0	1.4	2.6	.7	10
	ALL	1.8	1.8	.3	.4	.2	.1	.3	.2	1.0	1.4	1.3	2.0	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/6	0/2	0/0	0/0	0/0	0/8
120NM	0/0	0/0	0/0	0/0	0/0	0/1	0/2	0/8	1/6	1/0	0/0	0/0	2/17
240NM	0/0	0/0	0/0	0/0	0/0	0/5	2/4	9/12	10/10	1/0	0/1	0/0	22/32

REMARKS : @ SUMMARY OF DAY DATA (SOD) WERE SUPPLEMENTED FROM THE FOLLOWING SOURCES:

1. CLIMATOGRAPHY OF THE UNITED STATES (20-36,DEC 89) FOR LEBANON PA, SOD POR JAN 31-DEC 68.
2. SOD DATA FOR HARRISBURG PA, POR JAN 48, SOD POR 30+ YRS.
3. LOCAL CLIMATOLOGICAL DATA (MAR 88) FOR HARRISBURG PA, SOD POR 30+ YRS.

NOTE: JAN EXTRM MIN TEMP RECORDED 14 JAN 1912 (LEBANON PA).
AUG EXTRM MAX TEMP RECORDED 14 AUG 1918 (LEBANON PA).

****
* NIGHTTIME OBSERVATIONS ARE *
* EXTREMELY LIMITED IN COUNT *
****

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WILLOW GROVE ARF, PA
STATION #: 724086
ICAO: NXX
LOCATION: 4012N 7509W
ELEVATION (FEET): 361
LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992
PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	67	76	84	94	95	98	101	99	95	84	80	74	101
MEAN DAILY MAX	1	38	41	52	62	72	81	84	82	76	64	55	43	63
MEAN	1	30	33	42	52	62	71	75	74	66	55	46	35	53
MEAN DAILY MIN	1	23	25	33	42	52	61	66	65	57	46	38	28	45
EXTREME MIN	1	-8	-7	5	9	29	40	49	43	38	26	13	-1	-8
# DAYS GE 90	1	0	0	0	#	1	3	7	4	1	0	0	0	17
# DAYS LE 32	1	24	21	13	4	#	0	0	0	0	3	8	20	93
# DAYS LE 0	1	1	1	0	0	0	0	0	0	0	0	0	#	2
2. PRECIPITATION (INCHES)														
MAXIMUM	2	13.7	6.8	8.4	9.7	9.5	8.8	13.8	14.0	9.2	7.0	10.8	8.4	69.0
MEAN	2	3.4	2.8	4.1	3.9	4.7	3.6	4.5	4.4	3.8	3.2	3.8	3.7	45.9
MINIMUM	2	0.6	0.6	1.6	0.7	1.4	0.7	1.0	1.1	1.4	0.5	0.5	0.3	30.6
MAX 24 HR	2	3.1	1.9	2.4	2.3	2.8	5.6	3.7	4.2	3.2	5.2	4.1	3.0	5.6
# DAYS W/PRECIP	1	15	13	15	15	16	14	12	13	11	12	13	14	163
# DAYS GE 0.5	2	2	2	3	3	3	2	3	3	2	2	3	2	30
3. SNOWFALL (INCHES)														
MEAN	2	8	7	4	1	#	#	0	0	0	#	1	4	24
MAXIMUM	2	23	28	20	7	#	#	0	0	0	2	8	30	61
MAX 24 HR	2	16	16	11	5	#	#	0	0	0	2	8	12	16
# DAYS W/SNOW	1	9	7	5	1	0	0	0	0	0	#	2	6	30
# DAYS GE 1.5	2	2	2	1	#	0	0	0	0	0	#	#	1	6
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	70	70	69	71	77	79	83	86	85	81	75	71	76
RH (15 LST)	1	59	54	50	46	50	50	51	54	54	53	54	57	53
VAPOR PRESS	1	.13	.13	.18	.24	.37	.50	.60	.61	.48	.32	.23	.15	.33
DEWPOINT	1	20	21	28	36	48	57	63	63	56	44	35	24	41
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	$WNW	$NW	$W	$W	$W	$W	$W	$W	$W	$W	$WNW	$W
MEAN SPEED (PVLG DRCTN)	1	7	7	9	6	5	5	5	4	4	5	5	7	6
MEAN SPEED (ALL OBS)	1	6	6	7	6	5	4	4	4	4	4	5	5	5
MAX PEAK GUST	1	55	44	45	45	40	47	49	49	52	40	44	42	55
PRESSURE ALT		****	****	****	****	****	****	****	****	****	****	****	****	****
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	5	4	4	4	4	4	4	4	4
DAYS TSTMS	1	#	#	1	3	5	7	8	7	3	1	1	#	36
DAYS FOG LT 7	1	14	13	13	12	17	17	21	23	20	18	14	14	195
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(WILLOW GROVE ARF, PA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSEVATIONS.
2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE, OCT 89, THRITY-TWO YEAR PERIOD OF RECORD.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	25	24	23	28	28	30	33	29	25	26	26	27
03-05 LST	27	26	26	26	36	37	41	45	37	30	29	28	32
06-08 LST	29	28	29	28	35	34	38	46	43	34	32	29	34
09-11 LST	29	27	27	27	31	28	28	32	31	28	30	28	29
12-14 LST	[illegible]	27	29	26	32	28	27	27	30	26	28	27	28
15-17 LST	28	25	26	24	27	24	20	24	24	21	25	25	24
18-20 LST	26	25	23	21	25	20	20	24	21	18	22	24	22
21-23 LST	25	25	23	20	25	23	22	26	23	21	23	23	23
ALL HOURS	27	26	26	24	30	28	28	32	30	25	27	26	28

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	19	17	18	23	24	25	29	24	21	20	18	21
03-05 LST	20	21	18	20	31	32	37	40	32	26	23	19	27
06-08 LST	21	23	23	21	31	31	36	43	39	29	25	21	29
09-11 LST	22	20	19	1[illegible]	22	19	21	24	23	20	21	20	21
12-14 LST	19	18	18	15	17	16	13	16	15	13	16	18	16
15-17 LST	18	16	16	13	16	13	11	16	12	12	15	17	14
18-20 LST	18	18	15	14	16	13	14	19	14	12	14	17	15
21-23 LST	18	19	16	15	18	18	18	21	17	16	16	17	18
ALL HOURS	20	19	18	17	22	21	22	26	22	19	19	19	20

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	16	13	14	18	16	15	16	16	15	15	14	15
03-05 LST	16	17	14	15	24	23	25	28	23	18	18	15	20
06-08 LST	17	18	17	17	24	21	24	29	27	22	19	17	21
09-11 LST	17	15	15	13	15	11	10	11	14	13	14	15	14
12-14 LST	16	14	14	10	11	8	5	5	7	7	10	13	10
15-17 LST	15	13	13	9	10	6	5	5	6	7	10	14	9
18-20 LST	16	14	13	11	11	7	6	8	9	8	11	14	10
21-23 LST	15	15	12	12	13	11	9	10	11	11	12	13	12
ALL HOURS	16	15	14	12	16	13	12	14	14	13	14	14	14

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	7	5	4	5	3	2	3	2	5	5	6	4
03-05 LST	5	7	5	5	8	6	6	5	6	7	6	6	6
06-08 LST	5	7	5	4	7	5	3	4	6	7	6	5	5
09-11 LST	5	5	4	2	1	#	#	1	1	2	3	3	2
12-14 LST	5	3	2	1	#	#	0	#	#	1	2	3	2
15-17 LST	4	4	3	1	#	#	#	#	#	1	2	4	2
18-20 LST	5	5	4	3	1	1	#	1	1	2	2	4	2
21-23 LST	5	6	4	4	2	1	1	1	2	3	3	5	3
ALL HOURS	5	5	4	3	3	2	2	2	2	3	4	4	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WILLOW GROVE ARF, PA | STATION #: 724086 | ICAO: NXX
LOCATION: 4012N 7509W | ELEVATION (FEET): 361 | LST = GMT-5
PREPARED BY: USAFETAC/DOC, AUG 1992 | PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	1	1	2	2	2	1	#	#	#	1
03-05 LST	0	#	#	#	#	1	1	1	1	#	#	#	#
06-08 LST	0	0	#	#	#	1	1	1	0	#	#	0	#
09-11 LST	0	0	#	#	1	#	1	#	#	#	#	0	#
12-14 LST	#	#	#	#	1	2	2	1	#	#	#	0	1
15-17 LST	#	0	#	0	2	3	4	3	1	#	#	#	1
18-20 LST	#	#	#	2	2	4	4	5	1	#	#	#	2
21-23 LST	#	#	1	1	2	4	3	3	2	1	#	#	1
ALL HOURS	#	#	#	1	1	2	2	2	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	10	12	12	7	6	6	8	10	12	9	9
03-05 LST	8	9	11	12	13	7	6	6	9	9	11	9	9
06-08 LST	8	9	11	13	13	9	6	6	8	8	10	9	9
09-11 LST	8	8	11	12	12	7	6	5	7	9	10	9	9
12-14 LST	9	10	12	12	12	6	5	6	6	8	8	10	9
15-17 LST	8	9	11	12	14	7	7	7	7	8	9	10	9
18-20 LST	8	8	11	13	14	9	6	8	9	9	11	10	10
21-23 LST	8	8	11	14	13	9	7	7	9	9	10	8	9
ALL HOURS	8	9	11	12	13	8	6	6	8	9	10	9	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	6	2	1	0	0	0	0	0	0	#	4	2
03-05 LST	7	6	2	1	0	0	0	0	0	#	1	3	2
06-08 LST	6	6	3	1	0	0	0	0	0	#	1	3	2
09-11 LST	7	6	4	1	#	0	0	0	0	#	1	3	2
12-14 LST	8	5	3	1	0	#	0	0	0	#	1	3	2
15-17 LST	6	5	3	1	0	0	0	0	0	#	#	3	1
18-20 LST	6	6	3	#	0	0	0	0	0	0	1	3	2
21-23 LST	6	7	2	1	0	0	0	0	0	0	1	4	2
ALL HOURS	7	6	3	1	#	#	0	0	0	#	1	3	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	2	1	0	0	#	#	#	1	1	1
03-05 LST	2	2	1	1	#	0	0	0	#	#	1	2	1
06-08 LST	2	2	2	2	#	#	#	0	#	1	1	1	1
09-11 LST	3	3	5	4	1	#	#	0	1	2	2	3	2
12-14 LST	5	5	7	5	2	1	#	#	1	2	2	4	3
15-17 LST	3	3	6	4	2	1	#	#	#	1	1	3	2
18-20 LST	2	1	3	2	1	#	#	#	#	#	1	2	1
21-23 LST	2	1	2	2	1	#	#	#	#	#	1	1	1
ALL HOURS	2	2	4	3	1	#	#	#	#	1	1	2	1

(WILLOW GROVE ARF, PA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE, OCT 89, THIRTY-TWO YEAR PERIOD OF RECORD.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	15	12	12	17	15	14	15	15	14	13	13	14
03-05 LST	14	16	13	14	22	23	25	26	22	18	16	14	19
06-08 LST	15	17	16	15	22	19	23	27	25	21	17	15	19
09-11 LST	15	14	13	11	13	10	8	9	10	11	13	14	12
12-14 LST	14	13	11	8	8	6	4	4	4	6	9	12	8
15-17 LST	14	11	11	7	8	5	4	4	5	6	9	12	8
18-20 LST	14	13	11	9	10	6	6	6	8	7	9	12	9
21-23 LST	13	14	11	10	11	10	8	9	9	9	11	12	11
ALL HOURS	14	14	12	11	14	12	11	13	12	11	12	13	13

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	12	10	9	12	12	8	10	11	10	10	10	10
03-05 LST	11	12	10	11	17	17	16	18	17	14	12	11	14
06-08 LST	12	13	12	11	17	14	15	17	18	16	13	12	14
09-11 LST	12	12	10	7	9	6	4	4	6	8	9	10	8
12-14 LST	11	10	8	5	6	3	2	2	2	4	7	10	6
15-17 LST	10	8	8	5	5	3	2	2	4	4	6	10	6
18-20 LST	11	10	8	7	6	4	3	3	5	5	6	10	7
21-23 LST	11	11	9	8	8	7	5	6	6	7	8	10	8
ALL HOURS	11	11	10	8	10	8	7	8	9	9	9	10	9

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	9	7	6	8	8	5	7	7	8	7	9	7
03-05 LST	9	10	8	8	13	12	11	13	12	11	9	8	10
06-08 LST	9	10	9	7	12	10	9	11	12	13	9	8	10
09-11 LST	10	8	6	4	4	3	2	2	3	5	6	7	5
12-14 LST	8	7	5	3	2	1	0	1	1	2	4	6	3
15-17 LST	7	7	5	3	2	1	1	1	2	2	4	7	3
18-20 LST	9	8	6	5	3	2	1	2	3	3	5	7	5
21-23 LST	8	9	6	6	5	3	3	3	4	5	6	8	5
ALL HOURS	9	9	6	5	6	5	4	5	5	6	6	8	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	3	2	3	2	1	1	1	3	3	4	3
03-05 LST	3	6	3	3	5	4	3	3	3	5	4	3	4
06-08 LST	3	4	3	2	4	3	1	2	4	5	4	4	3
09-11 LST	2	3	2	#	1	0	#	#	#	1	2	2	1
12-14 LST	3	2	1	#	#	0	0	0	0	#	1	1	1
15-17 LST	2	2	1	#	#	#	0	0	#	#	1	2	1
18-20 LST	3	3	2	1	#	#	#	#	#	1	1	2	1
21-23 LST	2	3	2	1	1	0	1	#	1	2	2	3	2
ALL HOURS	3	4	2	1	2	1	1	1	1	2	2	3	2

PREPARED BY USAFETAC
AUGUST 1963

STATION NAME CHARLESTON MAP SC(AFB)
LOCATION N32 54 W080 02

PERIOD SEP 49-AUG 79
ELEV 46

STN LTRS CHS
WBAN NO 13880
WMO NO 72208

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST Hr 13	MEAN VAPOR PRESSURE (In Hg) LST Hr 13	MEAN DEW PT (°F) LST Hr 13	MEAN PRESSURE (MB) LST Hr 13	MEAN ALTITUDE (FT) LST Hr 13	SURFACE WINDS PVLG DRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01 (In)	PRECIP ≥ 0.5 (In)	SNOWFALL ≥ 0.1 (In)	SNOWFALL ≥ 1.5 (In)	THUNDERSTORMS	FOG VSBY ≤ 7 mi	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	59	37	49	83	11	3.2	7.2	.6	2.1	0	1	1	78	56	.22	37	540	W	8	56	6	13	2	0	0	1	14	0	0	12	0
FEB	62	39	50	86	12	3.3	6.1	.4	2.3	0	7	5	77	57	.21	36	540	W	8	54	5	9	2	0	0	1	11	0	0	8	0
MAR	68	45	57	90	21	4.3	11.1	1.0	4.6	0	2	2	81	61	.31	46	550	S	9	44	6	10	3	0	0	2	13	0	0	3	0
APR	76	54	64	93	35	2.5	9.5	0	4.1	0	0	0	83	67	.36	51	540	S	8	42	5	7	2	0	0	1	12	0	0	0	0
MAY	83	62	72	98	36	4.3	9.3	.7	6.2	0	0	0	89	55	.54	61	490	S	8	52	4	9	3	0	0	2	14	0	23	0	0
JUN	87	68	78	101	50	6.6	27.2	1.0	9.4	0	0	0	87	58	.67	67	350	S	7	56	6	11	4	0	0	0	13	0	28	0	0
JUL	89	72	81	101	58	7.6	18.5	1.8	5.2	0	0	0	88	68	.76	71	250	S	7	51	7	13	5	0	0	1	14	15	31	0	0
AUG	89	71	80	102	56	6.7	17.0	.9	4.7	0	0	0	89	63	.76	71	260	S	6	44	6	13	4	0	0	2	13	14	30	0	0
SEP	84	66	76	96	42	4.8	9.6	.5	4.4	0	0	0	90	62	.65	68	250	N	7	42	6	9	3	0	0	0	9	15	4	25	0	0
OCT	77	55	66	94	27	2.9	9.1	.2	3.9	0	0	0	86	55	.45	56	420	N	7	47	5	6	2	0	0	1	14	0	13	0	0
NOV	69	44	57	86	15	2.1	7.4	.5	5.2	0	0	0	83	52	.31	46	490	N	7	46	5	5	1	0	0	1	13	0	3	0	0
DEC	61	39	50	83	8	3.1	7.1	.6	3.4	0	0	0	81	56	.26	41	540	W	8	46	6	8	2	0	0	1	13	0	1	1	0
ANN	75	54	65	102	8	51.4	27.2	0	9.4	0	7	5	84	59	.44	55	450	S	8	62	6	111	33	0	0	57	155	97	168	37	0
YR	30	30	30	30	30	30	30	30	30	30	30	30	10	10	10	10	10	10	10	10	10	30	30	30	30	30	30	30	30	30	30

REMARKS RUSSIAN POR:
HOURLY OBS: SEP 69-AUG 79
DAILY OBS: SEP 49-AUG 79

(A) HURRICANES/TROPICAL STORMS
(B) HURRICANES ONLY
NUMBER OBSERVED WITHIN (POR 1973-1978)

	AUG A/B	ANN A/B
60 NM	1/0	1/0
120 NM	0/0	0/0
240 NM	0/0	0/0

NOTE * DATA NOT AVAILABLE = ASTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S % CALM QRTR % PVLG DRCTN # BASED ON < FULL MONTHS

CAV FREQ (%)

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	24	17	18	9	17	8	4	6	8	11	15	22	13	
03-05	27	19	22	15	23	14	8	13	17	16	19	25	18	
06-08	31	22	29	16	25	17	13	22	26	22	24	28	23	
09-11	29	22	22	14	22	20	14	24	25	16	16	27	21	
12-14	25	19	16	9	18	15	13	22	21	15	17	23	18	
15-17	22	16	15	7	11	10	7	13	11	8	12	15	12	
18-20	18	16	14	7	11	7	5	9	7	7	12	17	11	
21-23	19	16	16	8	14	7	5	7	7	7	12	18	11	
ALL HRS	24	18	19	11	17	12	9	15	15	13	16	24	16	10

CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	20	14	14	7	12	9	4	5	6	7	12	16	10	
03-05	23	16	19	12	17	11	6	10	12	12	15	20	14	
06-08	26	18	24	13	21	14	11	19	23	20	19	23	17	
09-11	25	17	16	7	12	6	5	12	13	12	14	24	13	
12-14	16	12	8	3	6	3	3	6	7	5	9	14	8	
15-17	15	11	10	6	6	4	3	5	3	3	8	11	7	
18-20	13	12	10	5	5	3	2	6	4	5	6	12	7	
21-23	15	11	11	5	7	3	3	4	4	5	10	14	8	
ALL HRS	19	14	14	7	10	6	4	8	9	9	11	17	11	10

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	17	11	13	5	8	2	1	4	3	5	9	10	6	
03-05	21	13	17	10	13	8	4	8	8	9	13	17	12	
06-08	22	14	20	9	14	10	6	13	14	15	15	17	14	
09-11	21	13	12	3	5	3	2	7	6	7	10	16	9	
12-14	14	9	6	2	3	2	1	2	3	4	6	11	5	
15-17	11	8	7	4	4	2	2	2	4	4	6	7	4	
18-20	12	9	8	3	3	2	1	2	2	3	6	10	5	
21-23	13	9	9	4	5	2	1	2	3	4	6	10	6	
ALL HRS	16	11	12	5	8	4	3	5	5	6	9	13	8	10

CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
00-02	5	3	3	1	3	0	0	0	0	1	2	4	2	
03-05	6	4	5	3	5	2	1	2	1	4	4	5	3	
06-08	7	5	5	3	5	1	1	2	2	3	5	5	3	
09-11	2	1	0	0	0	0	0	0	0	0	1	2	1	
12-14	1	0	0	0	0	0	0	0	0	0	0	0	0	
15-17	1	0	0	0	0	0	0	0	0	0	0	0	0	
18-20	2	0	0	0	0	0	0	0	0	0	0	1	0	
21-23	3	1	1	0	0	0	0	0	0	0	1	1	0	
ALL HRS	4	1	2	1	1	0	0	1	0	1	2	2	1	10

A W S	STATION NAME: MCENTIRE ANGB SC	FIELD ELEV: 252 FT
	LATITUDE/LONGITUDE: 33 55 N 080 48 W	STATION MSC: 723105
CLIMATIC BRIEF	HOURLY OBS POR: JAN 79 - DEC 88	CALL SIGN: KMMT
(LIMITED)	SUMMARY OF DAY POR: OCT 62 - DEC 74 (FULL TIME), JAN 75 - DEC 88 (PART TIME)	
	HOURS SUMMARIZED: 00 - 23 LST (FEB 59 - DEC 74), 06 - 23 LST (JAN 75 - DEC 88)	SUPERCEDES: APR 82
OCT 89	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	84	81	89	94	95	102	106	105	98	97	84	81	106	47
MEAN MAX TEMP (F)	53.1	56.6	66.1	74.4	82.6	86.4	89.1	87.8	82.8	74.4	65.9	57.4	72.9	26
MEAN TEMP (F)	44.0	46.8	55.8	63.8	70.7	77.2	80.5	79.3	74.1	63.9	55.4	47.7	63.3	26
MEAN MIN TEMP (F)	34.4	36.5	45.0	52.8	60.4	67.5	71.4	70.4	64.8	52.9	44.4	37.5	53.2	26
@ EXTRM MIN TEMP (F)	3	12	13	29	39	49	57	53	37	28	19	8	3	47
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	1	0	0	0	0	3	26
@ D/W TEMP GE 90 (F)	0	0	#	1	4	12	16	14	6	1	0	0	54	47
D/W TEMP LT 33 (F)	14	10	3	1	0	0	0	0	0	1	4	11	44	26
D/W TEMP LT 20 (F)	2	1	#	0	0	0	0	0	0	0	#	1	4	26
@ HEATING DEGREE DAYS	588	451	304	98	13	#		#	6	89	285	527	2361	47
@ COOLING DEGREE DAYS	2	3	22	90	245	410	498	467	305	91	18	4	2155	47
MEAN DEWPOINT TEMP (F)	27.6	32.4	39.4	45.1	56.3	64.2	68.6	68.1	62.3	51.0	43.2	34.3	49.8	10
MEAN WET BULB TEMP (F)	38.1	42.6	49.2	55.2	63.3	69.7	73.2	72.5	67.4	57.9	51.3	43.4	57.3	10
99.95% WCPA (FT)	750	800	900	800	600	550	450	450	550	550	650	650	700	10
MEAN REL HUM 07 LST(%)	69.2	70.8	73.1	71.3	78.2	79.2	81.3	83.3	81.7	79.0	76.1	73.2	77.5	10
MEAN REL HUM 13 LST(%)	46.9	47.5	45.4	42.6	47.5	51.5	53.4	54.8	53.7	48.5	48.8	47.3	49.0	10
@ MAX 24HR PRECIP (IN)	2.84	2.76	4.32	3.31	4.90	4.20	3.97	4.91	4.74	3.71	3.10	2.51	4.91	47
MAX PRECIP (IN)	8.74	8.58	11.51	6.71	10.50	12.00	12.50	13.21	8.80	8.28	6.12	7.36	66.36	26
MEAN PRECIP (IN)	4.50	3.96	4.76	3.17	3.89	5.09	5.54	5.13	3.58	2.49	2.89	3.99	50.76	26
MIN PRECIP (IN)	.80	1.03	.64	.43	.73	1.51	.33	1.99	.27	.01	.30	.60	37.02	26
D/W PRECIP GE .01 (IN)	11	10	10	8	11	10	12	11	8	6	7	9	113	26
D/W PRECIP GT .50 (IN)	3	3	3	2	3	3	4	3	2	2	2	3	33	26
MAX 24HR SNFL (IN)	2.3	10.6	4.0	0	0	0	0	0	0	0	#	1.7	10.6	26
MAX SNFL (IN)	2.6	15.0	4.0	0	0	0	0	0	0	0	#	1.9	16.9	26
MEAN SNFL (IN)	.3	1.2	.4	0	0	0	0	0	0	0	#	.1	2.2	26
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	26
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	26
MAX DLY SNO DEPTH (IN)	3	12	3	0	0	0	0	0	0	0	0	#	12	26
MEAN SFC WND DIR (DEG)	$270	$270	$270	$270	$240	$240	$240	$060	$060	$030	$060	$240	$240	10
MEAN WND SPD (KTS)	4.6	5.0	5.6	5.7	4.9	4.4	3.9	3.7	3.6	3.9	4.2	4.1	4.5	10
MAX WND SPD (KTS)	39	42	58	43	45	41	56	42	39	32	39	36	58	7
SKY COVER GT 1/2 (%)	54.0	62.4	54.0	47.1	52.0	51.9	56.0	50.6	49.0	46.1	51.0	51.9	52.4	10
D/W THUNDERSTORMS	1	1	2	3	6	8	12	9	4	1	1	1	49	26
@ D/W FOG (VSBY LT 7 MI)	14	12	14	12	16	17	18	21	20	16	14	13	187	47

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE O CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	27.1	28.3	22.7	17.6	21.9	25.0	31.6	36.8	32.4	27.2	27.7	26.2	27.0	10
LT 3000 FT	25.1	25.5	17.6	13.4	15.5	14.8	13.2	17.2	22.6	21.5	24.6	19.5	19.2	10
AND/OR	21.0	20.5	12.5	8.8	7.1	6.0	6.7	6.5	14.0	13.0	18.8	17.6	12.7	10
VSBY	18.9	16.1	11.1	6.2	2.5	3.7	4.5	4.4	8.9	10.2	12.5	13.8	9.4	10
LT 3 MI	15.7	15.5	11.7	6.9	5.2	4.7	5.5	5.3	8.5	8.8	11.3	12.4	9.3	10
21 - 23	16.4	19.7	10.1	8.0	6.2	7.9	5.5	7.1	8.3	9.9	13.1	11.8	10.3	10
ALL	20.6	20.6	13.8	9.9	10.2	10.6	11.5	13.3	16.6	15.4	17.7	16.5	14.6	10
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	22.8	25.0	18.6	13.6	18.6	21.2	30.0	35.0	30.3	24.3	24.3	22.7	23.9	10
LT 1500 FT	20.6	21.4	13.4	8.1	8.0	7.9	9.9	11.6	17.5	17.2	20.2	15.8	14.3	10
AND/OR	16.0	15.1	8.4	4.6	2.8	1.9	3.0	2.9	7.4	8.6	11.6	10.6	7.7	10
VSBY	12.1	12.4	6.9	3.0	1.7	2.5	2.6	2.5	5.2	6.5	8.6	9.5	6.1	10
LT 3 MI	10.0	12.2	7.9	4.0	3.6	3.6	3.6	3.6	5.0	6.9	9.6	8.1	6.5	10
21 - 23	11.5	16.1	6.2	6.6	5.2	5.1	3.4	3.8	6.2	7.4	10.3	8.2	7.5	10
ALL	15.3	16.6	9.8	6.2	6.7	7.0	9.0	10.2	12.5	11.9	13.5	11.9	10.8	10
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	17.5	19.3	13.8	8.2	13.4	13.1	16.3	19.6	20.8	18.1	19.8	17.5	16.4	10
LT 1000 FT	15.4	15.9	9.8	4.7	3.7	3.1	5.4	5.3	11.3	11.7	15.2	11.0	9.4	10
AND/OR	11.3	11.2	5.4	3.1	1.7	1.0	.7	1.1	3.2	5.2	8.9	8.0	5.1	10
VSBY	9.0	9.8	3.7	1.6	1.5	1.0	1.4	1.3	3.0	4.5	6.7	5.9	4.1	10
LT 2 MI	7.9	8.5	4.7	2.2	1.7	1.7	1.7	.8	3.5	4.6	7.4	5.8	4.2	10
21 - 23	10.8	13.5	4.8	4.2	2.9	2.6	2.1	2.3	4.4	6.0	8.6	7.3	5.8	10
ALL	11.7	12.6	6.6	3.8	4.2	3.7	4.7	5.2	7.9	8.3	10.5	8.7	7.2	10
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	4.6	6.8	2.9	1.4	1.7	.8	1.7	3.3	2.6	3.3	5.4	5.2	3.3	10
LT 200 FT	1.7	2.0	.3	.1	.0	.0	.0	.0	.0	.5	1.6	1.8	.7	10
AND/OR	.7	.6	.0	.0	.0	.1	.1	.0	.0	.0	.0	.6	.2	10
VSBY	.1	.4	.0	.1	.0	.1	.1	.0	.0	.0	.3	.4	.1	10
LT 1/2 MI	.8	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	.5	.3	10
21 - 23	2.2	2.6	.6	.2	.3	.0	.0	.3	.0	.2	.9	1.0	.7	10
ALL	1.4	1.8	.5	.2	.3	.2	.3	.6	.4	.6	1.1	1.3	.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/1	0/2	2/3	2/5	1/5	0/5	0/1	5/22
120NM	0/1	0/7	3/6	5/12	4/12	1/8	0/1	13/47
240NM	0/3	2/15	6/10	14/23	13/27	7/19	2/2	44/99

REMARKS: @ DATA WERE SUPPLEMENTED WITH AWS CLIMATIC BRIEF FROM SHAW AFB SC (OCT 89).

A W S	STATION NAME: MYRTLE BEACH AFB SC	FIELD ELEV: 26 FT
	LATITUDE/LONGITUDE: 33 41 N 078 56 W	STATION NSC: 747910
CLIMATIC BRIEF	HOURLY OBS POR: OCT 81 - SEP 91	CALL SIGN: KMYR
	SUMMARY OF DAY POR: NOV 42-JUL 47, JAN 49-JUL 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: JAN 87
FEB 92	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	82	84	88	93	98	104	103	104	99	96	85	84	104	48
MEAN MAX TEMP (F)	56	58	64	72	79	85	87	87	83	75	67	58	72	48
MEAN TEMP (F)	46	49	55	63	70	77	80	79	75	65	56	49	64	48
MEAN MIN TEMP (F)	37	39	45	53	62	69	73	72	67	55	45	38	54	48
EXTRM MIN TEMP (F)	7	9	19	28	36	48	54	54	42	25	16	9	7	48
D/W TEMP GE 95 (F)	0	0	0	0	#	1	2	1	1	#	0	0	5	48
D/W TEMP GE 90 (F)	0	0	0	1	1	5	9	7	2	1	0	0	26	48
D/W TEMP LT 33 (F)	12	9	3	1	0	0	0	0	0	1	4	11	41	48
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	#	1	3	48
HEATING DEGREE DAYS	583	451	325	121	18	#	0	#	3	87	273	507	2368	43
COOLING DEGREE DAYS	1	3	15	63	200	366	490	462	309	102	20	4	2035	43
MEAN DEWPOINT TEMP (F)	35	40	45	50	61	68	72	71	65	55	48	38	54	10
MEAN WET BULB TEMP (F)	41	45	50	56	65	71	75	74	68	60	53	44	58	10
99.95% WCPA (FT)	500	600	650	550	350	300	200	250	300	300	450	400	450	10
MEAN REL HUM 07 LST(%)	75.0	78.8	78.6	75.9	80.2	80.6	81.9	83.6	81.9	80.2	78.7	75.1	79.2	10
MEAN REL HUM 13 LST(%)	58.6	59.7	57.9	54.0	61.5	63.0	65.2	66.1	62.7	57.2	56.5	56.8	59.9	10
MAX 24HR PRECIP (IN)	3.63	2.91	5.82	5.36	3.40	7.61	6.30	6.50	6.93	8.22	9.40	3.11	9.40	48
MAX PRECIP (IN)	10.04	8.01	11.53	7.39	11.42	10.18	16.39	14.64	16.69	13.17	9.70	8.29	71.98	48
MEAN PRECIP (IN)	3.69	3.38	4.53	2.77	3.69	4.93	6.10	5.86	5.69	3.30	2.87	3.33	50.38	48
MIN PRECIP (IN)	.44	.92	.84	.05	.89	.25	1.24	.39	.72	#	.37	.26	35.56	48
D/W PRECIP GE .01 (IN)	10	9	10	7	9	9	12	11	9	6	7	9	108	48
D/W PRECIP GT .50 (IN)	2	2	3	2	2	3	4	3	3	2	2	2	30	48
MAX 24HR SNFL (IN)	4.5	3.3	5.2	0	0	0	0	0	0	0	#	8.8	8.8	44
MAX SNFL (IN)	4.5	4.3	6.6	0	0	0	0	0	0	0	#	13.7	15.4	44
MEAN SNFL (IN)	.1	.3	.3	0	0	0	0	0	0	0	#	.3	1.0	44
D/W SNFL GE .1 (IN)	#	1	#	0	0	0	0	0	0	0	0	1	2	44
D/W SNFL GE 1.5 (IN)	#	#	#	0	0	0	0	0	0	0	0	#	#	44
MAX DLY SNO DEPTH (IN)	2	5	7	0	0	0	0	0	0	0	0	15	15	44
PRVLNG WND DIR (DEG)	$35-01	$35-01	$35-01	$17-19	$17-19	$17-19	$20-22	$17-19	$02-04	$35-01	$35-01	$35-01	$35-01	10
MEAN WND SPD (KTS)	4	5	6	5	5	5	4	3	4	4	4	4	5	10
MAX WND SPD (KTS)	47	90	52	41	51	50	52	42	66	37	42	47	90	36
SKY COVER GT 5/10 (%)	53.9	57.1	50.3	46.4	48.3	50.5	52.3	54.5	47.6	42.4	45.3	51.0	49.9	10
D/W THUNDERSTORMS	1	1	3	4	6	9	13	10	5	2	1	1	56	48
D/W FOG (VSBY LT 7 MI)	15	14	16	14	17	17	16	18	18	16	16	14	191	48

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	25.5	18.8	15.5	11.6	7.0	4.0	2.7	7.6	11.6	11.7	17.2	18.6	12.6	10
	03 - 05	26.7	21.9	19.6	16.7	11.4	8.4	5.9	13.8	15.7	14.9	19.0	21.5	16.3	10
CIG	06 - 08	26.5	23.9	21.8	17.3	10.2	11.3	8.7	21.0	21.0	16.8	19.2	24.6	18.5	10
LT 3000 FT	09 - 11	25.1	22.8	19.1	12.3	6.0	6.2	5.6	12.8	12.6	12.3	16.0	19.2	14.2	10
AND/OR	12 - 14	23.2	19.6	14.3	8.1	4.1	4.4	3.3	9.4	10.7	11.3	11.0	16.1	11.3	10
VSBY	15 - 17	24.0	18.4	12.7	7.7	3.9	4.7	2.6	7.6	10.0	8.6	10.8	15.4	10.5	10
LT 3 MI	18 - 20	22.7	16.0	14.9	9.4	4.7	3.2	3.2	7.3	10.0	8.2	10.3	18.2	10.7	10
	21 - 23	23.9	17.6	14.7	9.1	5.5	4.4	4.1	5.5	9.7	8.6	13.2	18.5	11.2	10
	ALL	24.7	19.9	16.6	11.5	6.6	5.8	4.5	10.6	12.6	11.5	14.6	19.0	13.1	10
	00 - 02	19.9	16.0	10.9	8.1	4.2	2.1	1.1	4.1	6.3	5.9	13.4	15.2	8.9	10
	03 - 05	22.9	15.7	14.7	12.2	8.2	6.0	4.6	9.8	10.8	10.6	15.4	17.3	12.3	10
CIG	06 - 08	23.4	18.2	16.8	12.7	8.2	7.6	8.0	18.7	16.8	12.9	16.2	19.8	14.9	10
LT 1500 FT	09 - 11	21.8	17.6	13.4	7.0	3.1	2.1	2.6	8.6	9.9	8.4	12.1	14.6	10.1	10
AND/OR	12 - 14	17.7	13.6	9.0	3.7	2.2	1.7	1.3	4.3	5.4	5.1	7.1	11.9	6.9	10
VSBY	15 - 17	17.8	11.7	7.9	3.9	1.4	1.7	1.1	3.3	5.2	4.4	6.6	11.4	6.4	10
LT 3 MI	18 - 20	16.3	10.5	9.1	5.1	2.5	1.8	1.7	3.4	5.6	4.0	7.7	13.7	6.8	10
	21 - 23	16.5	12.6	10.6	6.0	3.1	2.3	1.7	2.9	5.5	3.8	9.9	14.9	7.5	10
	ALL	19.6	14.5	11.6	7.3	4.1	3.2	2.8	6.9	8.2	6.9	11.1	14.9	9.2	10
	00 - 02	16.3	11.5	9.4	4.8	2.5	1.1	.6	2.4	4.0	4.5	10.2	12.3	6.6	10
	03 - 05	19.0	12.4	12.2	8.9	5.3	4.4	2.5	7.3	7.9	7.5	12.1	14.7	9.5	10
CIG	06 - 08	20.6	13.2	13.0	8.4	4.4	5.3	4.1	11.3	10.0	8.7	11.8	16.1	10.6	10
LT 1000 FT	09 - 11	18.0	12.5	10.2	3.4	1.0	.9	.8	4.9	6.0	4.8	8.9	11.5	6.9	10
AND/OR	12 - 14	13.8	9.1	5.9	1.2	1.3	.6	.2	1.3	3.1	3.1	4.8	9.7	4.5	10
VSBY	15 - 17	12.2	9.2	4.8	2.8	.6	1.0	.1	1.4	2.6	2.9	4.8	9.7	4.3	10
LT 2 MI	18 - 20	12.6	7.7	6.1	3.0	1.3	.9	.6	.5	1.9	1.9	5.8	11.4	4.5	10
	21 - 23	13.5	9.8	8.8	4.1	1.4	1.3	.8	1.0	2.7	2.6	8.0	12.3	5.5	10
	ALL	15.8	10.7	8.8	4.6	2.2	1.9	1.2	3.8	4.8	4.5	8.3	12.2	6.5	10
	00 - 02	3.1	1.5	2.6	1.6	.3	.0	.0	.8	.1	.6	3.7	2.7	1.4	10
	03 - 05	2.8	2.1	2.6	3.4	1.4	.2	.2	1.8	.8	2.6	3.6	3.7	2.1	10
CIG	06 - 08	3.2	1.7	2.2	2.1	.6	.3	.3	1.4	.7	1.3	2.3	4.3	1.7	10
LT 200 FT	09 - 11	1.7	.1	.3	.0	.0	.0	.0	.0	.0	.2	.4	2.6	.4	10
AND/OR	12 - 14	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	10
VSBY	15 - 17	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.9	.1	10
LT 1/2 MI	18 - 20	1.2	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	.8	.3	10
	21 - 23	2.6	1.5	1.4	.4	.3	.0	.0	.2	.0	.3	1.2	2.4	.9	10
	ALL	1.9	1.0	1.2	1.0	.3	.1	.1	.5	.2	.6	1.4	2.2	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/3	3/5	1/4	5/8	2/7	0/1	0/0	11/28
120NM	0/0	0/0	0/0	0/0	0/1	1/10	5/8	10/13	8/13	4/10	1/2	0/0	29/57
240NM	0/0	0/0	0/0	0/0	1/4	3/16	7/10	22/26	17/29	10/21	3/2	0/0	63/109

REMARKS : @

A W S	STATION NAME: SHAW AFB SC	FIELD ELEV: 242 FT
	LATITUDE/LONGITUDE: 33 58 N 080 28 W	STATION MSC: 747900
CLIMATIC BRIEF	HOURLY OBS POR: APR 79 - MAR 89	CALL SIGN: KSSC
	SUMMARY OF DAY POR: JAN 42 - MAR 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: NOV 84
OCT 89	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	81	82	90	95	99	106	105	104	101	99	88	82	106	47
MEAN MAX TEMP (F)	55.1	58.5	65.9	75.1	82.2	87.8	89.6	88.5	83.6	74.8	66.0	57.3	73.7	47
MEAN TEMP (F)	45.9	48.6	55.7	64.4	72.2	78.4	80.9	79.8	74.8	64.9	55.8	47.9	64.1	47
MEAN MIN TEMP (F)	36.4	38.4	45.1	53.3	61.7	68.6	71.7	70.8	65.7	54.5	45.2	38.2	54.2	47
EXTRM MIN TEMP (F)	3	9	16	29	40	50	57	53	44	30	16	8	3	47
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	1	#	0	0	0	3	47
D/W TEMP GE 90 (F)	0	0	#	1	4	12	16	14	6	1	0	0	54	47
D/W TEMP LT 33 (F)	11	8	2	#	0	0	0	0	0	#	2	9	32	47
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	#	1	3	47
HEATING DEGREE DAYS	588	451	304	98	13	#		#	6	89	285	527	2361	47
COOLING DEGREE DAYS	2	3	22	90	245	410	498	467	305	91	18	4	2155	47
MEAN DEWPOINT TEMP (F)	28.8	32.9	39.1	45.8	56.4	63.8	68.1	68.0	62.2	50.7	43.1	33.8	49.5	10
MEAN WET BULB TEMP (F)	37.6	41.5	47.3	54.1	62.3	68.4	71.8	71.3	66.2	56.2	49.7	41.9	55.8	10
99.95% WCPA (FT)	650	750	800	750	550	500	400	450	500	500	600	600	650	10
MEAN REL HUM 07 LST(%)	67.8	69.5	71.1	71.3	77.3	78.8	82.1	85.3	82.6	78.6	75.6	69.5	75.8	10
MEAN REL HUM 13 LST(%)	50.2	49.1	47.7	43.6	48.2	52.2	55.7	57.7	55.7	50.5	51.0	48.9	50.9	10
MAX 24HR PRECIP (IN)	3.78	2.70	5.65	2.98	4.90	7.51	3.97	4.91	6.55	3.90	3.10	2.89	7.51	47
MAX PRECIP (IN)	7.37	6.52	12.73	10.08	10.64	17.83	13.35	14.50	14.84	9.11	8.09	7.38	62.65	47
MEAN PRECIP (IN)	3.41	3.57	4.23	3.24	3.61	4.89	5.48	4.70	3.64	2.52	2.60	3.21	45.30	47
MIN PRECIP (IN)	.65	.32	.53	.35	.40	1.15	.66	.74	.31	.03	.33	.27	27.71	47
D/W PRECIP GE .01 (IN)	10	9	10	8	9	9	12	10	8	6	7	9	107	47
D/W PRECIP GT .50 (IN)	2	2	3	2	2	3	4	3	2	2	2	2	29	47
MAX 24HR SNFL (IN)	3.5	13.8	4.1	#	0	0	0	0	0	#	#	4.6	13.8	43
MAX SNFL (IN)	3.5	16.5	4.2	#	0	0	0	0	0	#	#	4.6	20.3	43
MEAN SNFL (IN)	.4	1.0	.3	#	0	0	0	0	0	#	#	.2	1.8	43
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	43
D/W SNFL GE 1.5 (IN)	#	1	#	0	0	0	0	0	0	0	0	#	1	43
MAX DLY SNO DEPTH (IN)	3	17	5	0	0	0	0	0	0	0	0	3	17	43
MEAN SFC WND DIR (DEG)	$030	$030	$030	$270	$210	$240	$210	$210	$030	$030	$030	$030	$030	10
MEAN WND SPD (KTS)	5.0	5.4	5.5	5.7	4.6	4.0	3.7	3.6	3.8	4.0	4.3	4.5	4.5	10
MAX WND SPD (KTS)	50	68	58	52	56	68	58	72	47	50	42	47	72	42
SKY COVER GT 1/2 (%)	52.0	57.4	52.0	45.0	50.0	49.5	53.0	50.1	47.0	44.3	49.0	50.3	50.2	10
D/W THUNDERSTORMS	1	1	2	4	7	8	12	9	4	1	1	1	51	40
D/W FOG (VSBY LT 7 MI)	14	12	14	12	16	17	18	21	20	16	14	13	187	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	22.2	21.9	18.0	9.1	10.3	7.4	6.9	8.8	15.2	13.0	18.1	18.9	14.1	10
	03 - 05	25.3	24.5	22.6	13.9	15.7	16.2	15.3	16.7	21.6	20.4	26.0	21.8	20.0	10
CIG	06 - 08	27.5	27.8	27.2	17.0	23.2	23.2	28.6	35.6	34.9	29.2	30.6	25.7	27.5	10
LT 3000 FT	09 - 11	26.8	26.1	21.4	12.1	13.0	12.2	13.7	17.5	21.3	20.5	24.7	24.3	19.5	10
AND/OR	12 - 14	25.1	21.3	17.4	8.9	5.6	5.0	6.5	7.5	14.3	12.7	20.4	20.8	13.8	10
VSBY	15 - 17	22.0	18.3	14.2	7.0	3.0	3.6	4.3	5.7	10.9	10.8	14.9	17.5	11.0	10
LT 3 MI	18 - 20	20.2	17.2	13.0	6.3	4.1	4.4	3.9	5.6	9.0	9.8	15.3	16.7	10.5	10
	21 - 23	19.4	20.1	11.8	7.4	6.9	6.2	4.7	7.0	10.9	10.3	16.0	16.1	11.4	10
	ALL	23.5	22.2	18.2	10.2	10.2	9.8	10.5	13.1	17.3	15.8	20.7	20.2	16.0	10
	00 - 02	18.9	17.8	14.0	6.6	7.5	5.8	4.8	6.2	13.0	10.5	14.3	16.5	11.3	10
	03 - 05	21.2	21.2	17.6	11.8	12.8	14.3	13.2	13.8	19.7	17.0	21.8	19.5	17.0	10
CIG	06 - 08	22.7	23.6	22.0	13.4	20.1	19.3	26.5	33.9	32.0	25.7	25.9	23.1	24.0	10
LT 1500 FT	09 - 11	22.6	21.4	17.2	8.2	7.7	5.8	8.3	12.2	16.8	15.8	20.2	19.5	14.6	10
AND/OR	12 - 14	19.8	16.5	11.5	3.6	3.3	1.4	2.5	2.6	7.8	7.7	11.7	14.3	8.6	10
VSBY	15 - 17	16.5	13.8	7.6	3.3	2.0	1.9	2.3	3.2	6.1	6.6	9.8	11.8	7.1	10
LT 3 MI	18 - 20	14.8	13.0	7.5	4.1	2.8	2.8	1.8	3.2	6.2	6.8	10.6	11.9	7.1	10
	21 - 23	15.2	15.9	9.0	5.1	4.3	4.2	2.8	3.8	7.9	6.6	12.3	12.4	8.3	10
	ALL	19.0	17.9	13.3	7.0	7.6	6.9	7.8	9.9	13.7	12.1	15.8	16.1	12.2	10
	00 - 02	16.3	13.8	9.1	5.0	5.1	4.2	3.9	4.5	10.1	7.5	12.2	12.2	8.7	10
	03 - 05	19.0	17.4	13.8	8.3	9.8	10.1	8.8	10.8	15.3	12.9	17.1	15.6	13.2	10
CIG	06 - 08	19.1	19.7	17.4	10.4	14.0	12.7	14.7	19.1	22.9	18.7	20.1	19.0	17.3	10
LT 1000 FT	09 - 11	18.3	16.1	12.2	4.8	3.9	2.2	3.5	5.1	10.3	11.1	15.7	15.8	9.9	10
AND/OR	12 - 14	15.2	12.0	7.1	2.1	1.5	.6	1.1	1.4	3.1	4.7	8.0	10.5	5.6	10
VSBY	15 - 17	13.2	10.5	4.6	1.8	.9	.8	1.1	1.8	3.4	4.2	7.6	8.3	4.8	10
LT 2 MI	18 - 20	12.9	10.6	5.1	2.0	1.4	1.0	.9	1.4	3.8	4.5	8.6	8.6	5.1	10
	21 - 23	13.7	12.2	6.1	4.3	2.5	2.8	2.0	1.8	5.6	5.4	10.7	9.7	6.4	10
	ALL	16.0	14.0	9.4	4.8	4.9	4.3	4.5	5.7	9.3	8.6	12.5	12.5	8.9	10
	00 - 02	4.4	1.5	.9	.4	.4	.1	.0	.1	.9	1.1	1.7	2.3	1.1	10
	03 - 05	3.1	2.2	1.9	1.0	2.0	.9	1.5	2.0	3.8	3.1	3.7	4.7	2.5	10
CIG	06 - 08	2.9	4.1	3.8	1.4	2.4	1.8	2.3	3.7	3.4	4.3	4.3	5.7	3.3	10
LT 200 FT	09 - 11	2.3	1.5	.9	.1	.0	.0	.0	.0	.0	.8	1.3	2.0	.7	10
AND/OR	12 - 14	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	10
VSBY	15 - 17	.4	.2	.0	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	10
LT 1/2 MI	18 - 20	.9	.8	.2	.0	.1	.0	.0	.0	.0	.0	.2	.9	.3	10
	21 - 23	2.6	1.3	.1	.0	.1	.0	.0	.0	.0	.3	1.2	.8	.5	10
	ALL	2.1	1.5	1.0	.4	.6	.3	.5	.7	1.0	1.2	1.6	2.1	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN
60NM	0/0	0/0	0/0	0/0	0/0	0/2
120NM	0/0	0/0	0/0	0/0	0/1	0/7
240NM	0/0	0/1	0/0	0/0	0/3	2/15

HR/TS	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	2/3	2/6	1/6	0/5	0/1	0/0	5/23
120NM	4/7	4/11	5/12	1/8	0/1	0/0	14/47
240NM	6/10	16/23	15/27	7/20	2/2	0/0	48/101

A W S CLIMATIC BRIEF December 1987	Station Name: ELLSWORTH AFB SD Latitude/Longitude: N44 09 W103 08 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Feb 39 to Jun 45 LST - GMT -7	Apr 48 to Aug 87	Field Elev: 3,278 ft Station MSC: 726625 Call Sign: KRCA Supersedes: Jun 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	74	72	82	91	97	106	111	107	103	94	77	74	111	46
MEAN MAX TEMP °F	32	36	43	56	67	76	86	85	74	62	46	37	58	46
MEAN TEMP °F	22	27	33	45	56	65	74	72	62	51	36	27	48	46
MEAN MIN TEMP °F	12	16	23	34	45	54	61	60	49	39	25	17	36	46
XTRM MIN TEMP °F	-25	-23	-18	5	20	31	42	40	19	13	-14	-24	-25	46
D/W TEMP ≥ 95°F	0	0	0	0	#	1	5	4	1	0	0	0	11	46
D/W TEMP ≥ 85°F	0	0	0	#	2	6	18	17	7	1	0	0	51	46
D/W TEMP ≤ 32°F	29	26	25	12	2	#	0	0	1	7	22	28	152	46
D/W TEMP ≤ 0°F	8	4	1	0	0	0	0	0	0	0	1	3	17	46
VPR PRESS "Hg	.07	.08	.12	.16	.25	.34	.40	.38	.25	.18	.11	.08	.17	10
MEAN DEWPOINT °F	11	13	22	29	40	48	53	51	40	32	19	12	31	10
99.95% WCPA Ft	3950	3900	3950	3950	3850	3750	3650	3650	3850	3850	3950	4000	3850	10
MEAN RH 07 LST %	63	64	68	62	64	64	60	62	60	63	62	62	63	10
MEAN RH 13 LST %	53	51	52	43	47	46	39	39	39	42	48	52	46	10
MAX 24HR PRECIP "	1.2	1.0	2.2	1.8	3.1	3.3	3.2	1.3	1.9	2.1	1.1	.5	3.3	42
MAX PRECIP "	1.7	2.2	3.1	5.6	9.8	7.7	5.7	4.1	3.6	3.5	2.9	1.1	9.8	42
MEAN PRECIP "	.5	.6	1.0	1.9	2.9	3.1	2.1	1.5	1.1	1.0	.7	.4	16.8	42
MIN PRECIP "	#	#	.1	#	.2	.8	#	.1	#	#	.1	#	#	42
D/W PRECIP ≥ .01"	6	6	8	8	11	11	8	7	6	5	5	6	87	42
D/W PRECIP ≥ .5"	#	#	#	1	2	2	1	1	1	#	#	0	8	42
MAX 24HR SNFL "	7	10	14	18	5	6	0	0	2	5	12	6	18	39
MAX SNFL "	19	20	29	43	7	6	0	0	3	8	31	11	43	39
MEAN SNFL "	5	7	9	7	1	#	0	0	#	1	6	5	41	39
D/W SNFL ≥ .1"	6	6	7	4	1	#	0	0	#	1	4	6	35	39
D/W SNFL ≥ 1.5"	1	2	2	2	#	#	0	0	#	#	1	1	9	39
MEAN WND DRCTN	NNW	NNW	NNW	NNW	NNW	NNW	S	S	NNW	NNW	NNW	NNW	NNW	10
MEAN WND SPD Kts	8	8	9	10	9	7	7	7	8	8	7	8	8	10
MAX WND SPD** Kts	69	62	78@	72@	65	70	70	66	76	62	66	62	78@	37
MEAN CLD CVR 10th	6	7	7	6	6	6	5	5	5	6	6	6	6	10
D/W TSTORMS	0	0	#	1	6	10	11	8	3	#	#	#	39	39
D/W FOG VSBY <7mi	5	7	7	6	5	4	2	2	3	3	5	6	55	39

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS:

A W S CLIMATIC BRIEF December 1987	Station Name: ELLSWORTH AFB SD Latitude/Longitude: N44 09 W103 08 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Feb 39 to Jun 45 LST - GMT -7	Apr 48 to Aug 87	Field Elev: 3,278 ft Station MSC: 726625 Call Sign: KRCA Supersedes: Jun 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	15	23	24	16	14	5	3	4	10	10	18	16	13	
	03-05	15	23	27	17	16	8	6	5	12	11	16	17	14	
CIG/VSBY	06-08	15	24	26	19	17	9	7	5	14	13	17	17	15	
	09-11	15	21	25	19	16	8	6	4	15	12	19	15	15	
LESS THAN	12-14	12	16	22	17	14	6	4	3	14	11	17	12	12	
	15-17	13	16	19	15	13	4	3	1	11	9	16	11	11	
3000/3	18-20	13	20	19	15	11	3	3	1	10	9	18	14	11	
	21-23	15	22	21	16	12	3	3	3	10	10	20	14	12	
	00-24	14	21	23	17	14	6	4	3	12	11	18	15	13	10
	00-02	12	19	20	14	9	4	3	2	8	7	14	11	10	
	03-05	12	19	21	15	12	6	5	3	10	7	14	12	11	
CIG/VSBY	06-08	12	18	21	16	14	6	6	3	11	9	14	13	12	
	09-11	12	19	21	14	12	5	4	3	12	8	15	12	11	
LESS THAN	12-14	10	14	15	11	9	4	3	2	9	7	13	9	9	
	15-17	9	14	12	10	7	2	2	1	6	6	12	8	7	
1500/3	18-20	8	16	13	10	7	2	2	1	6	6	14	10	8	
	21-23	10	18	17	13	8	2	2	2	7	7	15	10	9	
	00-24	11	17	18	13	10	4	3	2	9	7	14	11	10	10
	00-02	9	16	17	13	8	3	2	2	7	7	13	10	9	
	03-05	9	15	17	13	10	6	4	3	8	7	12	11	10	
CIG/VSBY	06-08	9	16	18	13	11	5	4	2	9	6	13	11	10	
	09-11	9	14	16	10	8	3	2	2	9	7	13	10	9	
LESS THAN	12-14	8	11	11	8	6	2	1	1	5	6	11	7	6	
	15-17	8	10	9	7	5	2	1	1	5	5	10	7	6	
1000/2	18-20	6	12	11	8	5	2	1	1	5	4	12	7	6	
	21-23	8	14	15	11	6	2	2	2	6	6	14	8	8	
	00-24	8	14	14	10	7	3	2	2	7	6	12	9	8	10
	00-02	2	4	3	1	1	1	1	#	1	1	2	1	2	
	03-05	2	3	4	2	1	#	1	1	2	1	3	2	2	
CIG/VSBY	06-08	3	4	4	3	1	#	#	#	2	1	3	1	2	
	09-11	2	3	3	2	#	0	0	0	1	1	2	1	1	
LESS THAN	12-14	2	1	1	1	#	0	0	0	0	#	1	1	1	
	15-17	1	1	1	1	0	0	0	0	#	#	1	1	1	
200/½	18-20	1	3	2	1	0	0	0	#	1	1	2	1	1	
	21-23	1	3	3	1	#	#	#	#	1	1	2	1	1	
	00-24	2	3	3	2	#	#	#	#	1	1	2	1	1	10

A W S CLIMATIC BRIEF March 1988	Station Name: MCGHEE-TYSON ANGB, KNOXVILLE TN Latitude/Longitude: N35 49 W084 00 Hourly Obs POR: Oct 77 to Sep 87 Summary of Day POR: Jan 48 to Sep 87 LST = GMT -5	Field Elev: 981 ft Station MSC: 723260 Call Sign: KTYS Supersedes: Jan 1984

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	77	83	86	91	94	101	103	102	103	91	84	80	103	40
MEAN MAX TEMP °F	47	52	60	71	78	85	88	87	82	71	59	50	69	40
MEAN TEMP °F	38	42	50	59	68	75	78	77	71	60	49	41	59	40
MEAN MIN TEMP °F	29	32	39	48	56	64	68	67	61	49	38	32	48	40
XTRM MIN TEMP °F	-24	-2	1	22	32	43	51	53	36	25	5	-6	-24	40
D/W TEMP ≥ 90°F	0	0	0	#	1	6	12	10	3	#	0	0	32	40
D/W TEMP ≥ 85°F	0	0	#	1	7	18	23	22	11	1	0	0	83	40
D/W TEMP ≤ 20°F	6	3	1	0	0	0	0	0	0	0	#	3	13	40
D/W TEMP ≤ 10°F	1	1	#	0	0	0	0	0	0	0	#	#	2	40
VAPOR PRESS "Hg	.14	.17	.22	.30	.47	.62	.69	.69	.54	.36	.27	.18	.35	10
MEAN DEWPOINT °F	26	30	37	45	57	65	68	68	61	50	42	32	49	10
99.95% WCPA Ft	1450	1500	1550	1450	1300	1200	1100	1150	1200	1250	1350	1400	1350	10
MEAN RH 07 LST %	81	82	80	81	87	88	88	89	91	89	85	83	85	10
MEAN RH 13 LST %	63	61	55	53	60	59	61	61	59	57	61	63	59	10
MAX 24HR PRECIP "	3.8	2.5	4.0	3.2	3.4	2.9	4.3	3.3	2.5	2.4	4.0	4.7	4.7	40
MAX PRECIP "	11.7	8.3	10.4	7.2	11.0	7.6	10.1	6.7	7.0	6.7	10.4	11.6	11.7	40
MEAN PRECIP "	4.4	4.2	5.1	3.7	3.9	3.8	4.5	3.1	2.8	2.9	3.9	4.4	46.7	40
MIN PRECIP "	1.0	.7	1.7	.4	.7	.7	.7	.8	.4	#	1.4	.5	#	40
D/W PRECIP ≥ .01"	12	11	13	11	11	10	11	10	8	8	10	11	126	40
D/W PRECIP ≥ .5"	3	3	3	2	3	3	3	2	2	2	3	3	32	40
MAX 24HR SNFL "	10	18	9	11	0	0	0	0	0	#	16	7	18	40
MAX SNFL "	15	23	20	11	0	0	0	0	0	#	18	13	23	40
MEAN SNFL "	5	4	2	1	0	0	0	0	0	#	1	2	15	40
D/W SNFL ≥ .1"	3	2	1	#	0	0	0	0	0	0	#	1	7	40
D/W SNFL ≥ 1.5"	1	1	#	#	0	0	0	0	0	0	#	#	2	40
MEAN WND DRCTN	W	NE	$SW	SW	$WSW	$SW	$WSW	$NE	$NE	$NE	$NE	$NE	$NE	10
MEAN WND SPD Kts	6	6	6	6	5	5	5	5	5	5	5	6	5	10
MAX WND SPD** Kts	52	52	49	51	46	44	60	49	37	38	43	51	60	15
MEAN CLD CVR 10th	7	7	6	6	6	5	6	6	5	5	6	6	6	10
D/W TSTORMS	1	1	3	4	7	8	10	7	3	1	1	1	47	40
D/W FOG VSBY <7mi	14	12	11	9	14	14	17	19	18	17	14	13	172	40

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" pressure altitude
@ = Based on less than full months # = Less than 0.5 day, or 0.05 inch, or 0.5%, as applicable
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL
Within 60NM	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/1
Within 120NM	0/0	0/2	0/1	0/3	0/5	0/1	0/0	0/12
Within 240NM	0/1	0/4	0/4	1/12	0/14	0/9	0/1	1/45

A W S CLIMATIC BRIEF MARCH 1988	Station Name: MCGHEE-TYSON ANGB, KNOXVILLE TN Latitude/Longitude: N35 49 W084 00 Hourly Obs POR: Oct 77 to Sep 87 Summary of Day POR: Jan 48 to Sep 87 LST = GMT -5	Elevation: 981 ft Station WSC: 723260 Call Sign: KTYS Supersedes: Jan 1984

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	34	31	17	9	11	6	9	8	11	16	23	29	17	
	03-05	38	34	21	12	19	16	18	20	18	22	31	31	23	
CIG/VSBY	06-08	42	37	24	17	30	24	35	43	35	33	38	34	33	
	09-11	42	37	26	17	19	17	22	24	26	24	35	30	27	
LESS THAN	12-14	37	32	21	13	13	10	15	14	18	15	27	27	20	
	15-17	31	28	16	10	10	5	6	5	10	11	24	23	15	
3000/3	18-20	28	27	13	6	8	3	3	3	8	9	20	23	13	
	21-23	31	26	14	6	8	2	4	3	7	12	23	23	13	
	00-24	35	32	19	11	15	10	14	15	17	18	28	28	20	10
	00-02	19	19	8	4	7	3	5	4	7	10	14	16	10	
	03-05	21	21	12	5	14	9	14	16	14	17	22	17	15	
CIG/VSBY	06-08	21	25	14	9	25	17	29	38	30	25	27	19	23	
	09-11	24	24	14	6	10	9	12	18	19	17	24	17	16	
LESS THAN	12-14	18	17	9	4	4	2	5	4	8	8	16	15	9	
	15-17	16	14	7	3	3	2	2	1	4	6	15	13	7	
1500/3	18-20	16	15	7	2	4	2	2	2	4	5	12	12	7	
	21-23	15	16	7	2	3	1	1	1	4	6	15	13	7	
	00-24	19	19	10	4	9	6	9	11	11	12	18	15	12	10
	00-02	15	15	7	3	4	2	3	3	4	7	11	12	7	
	03-05	15	17	8	3	10	5	10	12	10	15	15	14	11	
CIG/VSBY	06-08	16	18	10	5	15	11	15	23	17	18	21	14	15	
	09-11	16	15	8	3	5	4	6	7	11	13	17	12	10	
LESS THAN	12-14	13	12	4	2	3	#	2	1	4	5	10	10	6	
	15-17	12	11	4	2	2	#	1	1	2	4	9	9	5	
1000/2	18-20	12	11	4	2	2	1	1	1	2	3	8	9	5	
	21-23	11	12	5	2	2	#	1	1	2	4	9	10	5	
	00-24	14	14	6	3	5	3	5	6	7	9	13	11	8	10
	00-02	4	4	1	1	1	#	#	1	1	2	3	3	2	
	03-05	3	5	2	1	5	2	2	4	2	4	4	4	3	
CIG/VSBY	06-08	4	4	3	1	4	2	3	6	5	7	6	3	4	
	09-11	3	2	1	#	#	0	0	#	#	2	2	2	1	
LESS THAN	12-14	1	0	#	#	#	0	#	0	0	0	#	1	#	
	15-17	2	#	#	#	0	0	0	#	0	0	#	#	#	
200/½	18-20	2	1	#	#	0	0	0	0	0	0	0	#	#	
	21-23	2	3	1	#	#	#	0	0	#	1	1	2	1	
	00-24	3	2	1	#	1	1	1	1	1	2	2	2	1	10

AWS CLIMATIC BRIEF

MEMPHIS NAS, TENNESSEE — PERIOD: 1950-69 — WBAN # 93839 — WMO #

Prepared by ETAC (APR 1971) — N 35 21 W 89 52 — ELEVATION: 332 ft — STN LTRS: KNQA

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (PEAK GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%
JAN	76	48	31	-2	4.1	3.7	2	9	S	7	49	81	66	31	.17	750
FEB	80	52	34	5	4.7	4.8	1	6	N	7	55	79	62	34	.20	850
MAR	83	60	41	12	4.7	3.4	1	8	S	8	45	76	57	38	.23	900
APR	91	72	53	32	5.0	3.2	#	#	S	8	107	77	53	49	.35	800
MAY	95	81	61	40	4.5	3.8	0	0	S	6	49	81	53	58	.49	600
JUN	106	88	69	52	3.0	3.1	0	0	S	5	51	83	53	66	.64	650
JUL	106	91	72	56	3.5	3.5	0	0	SSW	5	52	85	56	69	.71	450
AUG	104	90	70	55	2.6	2.8	0	0	SW	5	42	85	54	68	.69	500
SEP	104	84	63	41	3.2	2.7	0	0	NNE	5	42	84	54	61	.54	590
OCT	94	74	51	28	1.9	2.6	#	#	N	5	44	81	49	50	.36	600
NOV	83	61	41	16	3.3	2.8	#	1	S	6	55	79	55	39	.24	750
DEC	79	51	34	-14	4.5	3.4	1	13	S	7	49	80	64	34	.20	800
ANN	106	71	52	-14	45.0	4.8	5	13	S	6	107	81	56	50	.36	750
EYR	18	18	18	18	18	18	19	18	19	19	19	19	19	19	19	19

MEAN NUMBER OF DAYS

MONTH	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (Tenths)
JAN	10	3	1	1	2	13	0	0	18	#	6
FEB	9	3	1	#	2	11	0	#	12	0	6
MAR	10	3	1	#	4	10	0	1	7	0	6
APR	11	3	0	0	7	9	#	8	#	0	6
MAY	9	3	0	0	7	8	3	19	0	0	6
JUN	7	2	0	0	7	9	14	27	0	0	5
JUL	9	2	0	0	9	12	19	31	0	0	5
AUG	7	2	0	0	6	13	18	30	0	0	5
SEP	6	2	0	0	3	12	7	22	0	0	4
OCT	5	1	0	0	1	11	#	10	1	0	4
NOV	8	2	#	0	2	10	0	#	7	0	5
DEC	9	3	#	#	1	12	0	0	15	#	6
ANN	100	29	3	1	51	130	61	148	60	#	5
EYR	18	18	19	19	19	19	18	18	18	18	19

REMARKS: 1 107 kt gust from observed TORNADO (5/8 mile distance) on 3 April 1968 at 2146 LST

SMOS (Navy) POR: Hrly Obs: Apr 50 - Mar 69
Daily Obs: Apr 50 - Mar 69

NOTE; *DATA NOT AVAILABLE. §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	26	22	18	10	7	4	4	4	8	9	16	23	13	18
	03 - 05	31	25	21	15	12	8	8	8	13	11	20	27	17	17
	06 - 08	37	32	29	22	16	13	13	13	21	18	26	30	23	19
	09 - 11	37	33	31	25	20	15	16	12	20	15	25	31	23	19
	12 - 14	35	32	28	19	18	14	14	13	19	16	22	28	22	19
	15 - 17	32	28	23	15	11	7	9	6	11	10	17	25	16	19
	18 - 20	25	23	17	12	7	5	4	3	8	7	13	22	12	19
	21 - 23	24	21	15	9	5	3	3	3	6	7	12	22	11	19
	ALL HOURS	31	27	23	16	12	9	9	8	13	12	19	26	17	
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	19	16	10	6	4	2	3	2	5	5	10	16	8	18
	03 - 05	22	17	14	9	7	4	6	7	10	7	13	18	11	17
	06 - 08	27	22	20	14	10	9	11	11	16	14	18	22	16	19
	09 - 11	26	22	19	12	10	6	8	6	13	10	17	21	14	19
	12 - 14	22	19	15	7	7	3	3	3	8	7	12	17	10	19
	15 - 17	20	16	12	6	4	2	2	2	5	5	9	15	8	19
	18 - 20	17	15	9	5	3	2	2	2	5	4	7	13	7	19
	21 - 23	18	14	9	5	3	2	1	2	4	5	7	14	7	19
	ALL HOURS	21	18	13	8	6	4	4	4	8	7	12	17	10	
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	13	11	7	3	3	1	2	2	3	3	7	12	6	18
	03 - 05	17	13	9	5	4	2	4	4	6	4	9	12	7	17
	06 - 08	19	16	13	9	6	4	7	7	10	9	13	13	11	19
	09 - 11	20	15	12	6	6	3	5	3	8	6	11	14	9	19
	12 - 14	14	12	8	3	3	1	1	1	4	4	7	11	6	19
	15 - 17	14	10	7	3	2	1	1	1	3	3	6	9	5	19
	18 - 20	13	10	5	3	2	1	1	1	2	3	4	9	5	19
	21 - 23	13	10	6	2	1	1	1	1	2	3	5	10	5	19
	ALL HOURS	15	12	8	4	3	2	3	3	5	5	8	12	7	
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	1	1	1	#	#	#	#	#	#	1	1	2	1	18
	03 - 05	2	2	2	1	1	1	#	1	1	1	2	2	1	17
	06 - 08	2	2	2	1	#	#	#	1	1	2	3	2	1	19
	09 - 11	1	1	#	#	0	#	#	0	0	#	1	1	#	19
	12 - 14	1	1	#	#	0	#	#	#	#	0	#	1	#	19
	15 - 17	1	#	#	0	#	#	#	#	#	#	#	1	#	19
	18 - 20	1	1	#	#	0	#	#	0	#	#	#	1	#	19
	21 - 23	1	#	#	#	0	#	0	#	#	1	1	2	#	19
	ALL HOURS	1	1	1	#	#	#	#	#	#	1	1	1	1	

AWS CLIMATIC BRIEF

Prepared by ETAC (APR 1971)

SMYRNA AFB/SMYRNA, TENNESSEE — PERIOD: 1942-68B — WBAN # 13827 — WMO #

N 36 00 W 86 31 — ELEVATION: 553 ft — STN LTRS KSYM

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE 99.95% (feet)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< ? MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	≥ 80	MINIMUM ≤ 32	≤ 0	MEAN CLOUDS (TENTHS)
JAN	79	49	30	-13	4.8	3.6	2	8	S	7	50	80	63	30	.17	1000	11	3	1	1	2	14	0	0	18	#	7
FEB	82	52	32	-11	4.8	3.9	3	9	NNW	7	51	81	59	32	.18	1100	11	3	2	1	2	12	0	#	15	#	6
MAR	84	58	38	7	5.1	3.8	2	6	S	7	56	79	53	36	.21	1050	12	4	1	#	4	11	0	1	10	0	6
APR	88	70	48	25	4.2	2.1	#	#	S	7	53	80	49	45	.30	1000	10	3	0	0	5	8	0	6	2	0	6
MAY	95	80	57	31	3.7	2.4	0	0	S	5	45	87	51	57	.47	850	10	3	0	0	7	10	3	19	#	0	6
JUN	104	87	66	45	4.1	4.2	0	0	S	4	61	89	52	64	.69	800	9	3	0	0	8	10	12	26	0	0	5
JUL	107	90	69	50	3.4	2.1	0	0	S	4	49	89	53	67	.67	700	9	2	0	0	10	11	17	30	0	0	5
AUG	105	89	68	49	3.5	4.5	0	0	S	4	43	90	52	66	.64	750	7	2	0	0	7	14	16	29	0	0	5
SEP	104	83	60	38	3.4	3.2	0	0	S	4	49	88	51	59	.50	750	7	2	0	0	3	12	6	20	0	0	5
OCT	93	73	48	24	2.1	2.2	#	#	NNW	4	43	87	48	48	.34	850	6	1	0	1	1	12	1	9	2	0	4
NOV	84	59	37	-1	3.2	2.5	#	3	S	6	43	80	52	37	.22	950	9	2	#	#	1	11	0	#	11	#	5
DEC	76	49	30	-10	4.6	3.2	1	5	S	6	47	81	60	31	.17	950	11	3	1	#	1	12	0	0	19	#	6
ANN	107	70	48	-13	46.9	4.5	8	9	S	5	61	84	54	48	.34	950	112	31	5	2	51	137	55	140	77	#	6
EYR	20	21	21	20	21	20	17	17	22	22	16	22	22	22	22	16	21	21	17	17	17	17	21	21	21	21	19

REMARKS

RUSSWO POR: Hrly Obs: Aug 42 - Jan 46, Sep 46 - Jun 47
Jan 49 - Dec 66

Daily Obs: Oct 42 - Jan 46, Sep 46 - Jun 47
Jan 49 - Jun 65

NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	36	27	21	11	9	5	5	6	10	11	19	30	16	
	03 - 05	39	31	26	15	16	12	13	12	16	16	23	33	21	
	06 - 08	44	39	32	19	17	13	15	16	20	22	31	39	26	
	09 - 11	45	35	30	21	17	13	15	14	17	17	26	36	24	
	12 - 14	39	31	26	15	12	9	10	9	13	14	21	32	19	
	15 - 17	32	27	20	12	7	6	4	6	9	9	17	28	15	
	18 - 20	32	24	17	10	6	4	2	3	8	8	15	27	13	
	21 - 23	31	24	16	10	5	3	2	3	8	8	15	28	13	
	ALL HOURS	37	30	24	14	11	8	8	9	13	13	21	32	18	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	22	18	12	6	5	3	3	4	7	8	12	17	10	
	03 - 05	26	21	14	9	12	9	10	11	13	12	14	19	14	
	06 - 08	31	27	19	10	11	8	10	12	15	16	22	26	17	
	09 - 11	28	20	14	8	7	4	5	5	9	9	15	23	12	
	12 - 14	23	17	11	6	4	3	2	2	5	6	10	19	9	
	15 - 17	20	16	9	4	2	2	1	1	4	5	8	12	8	
	18 - 20	20	14	9	4	2	2	1	1	4	4	8	16	7	
	21 - 23	20	14	9	4	3	1	1	2	5	5	9	17	8	
	ALL HOURS	24	18	12	7	6	4	4	5	8	8	12	19	11	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	15	13	7	4	4	2	2	2	5	5	7	11	6	
	03 - 05	18	15	9	6	8	5	6	8	9	8	9	12	9	
	06 - 08	22	17	11	7	7	5	5	7	10	10	14	16	11	
	09 - 11	18	12	7	4	3	2	1	2	4	5	9	15	7	
	12 - 14	15	9	6	3	2	1	1	1	3	3	7	12	5	
	15 - 17	14	9	6	3	1	1	#	1	2	2	6	11	5	
	18 - 20	12	8	5	2	1	1	#	1	2	2	5	10	4	
	21 - 23	13	9	5	3	2	1	1	1	3	3	5	11	5	
	ALL HOURS	16	12	7	4	3	2	2	3	5	5	8	12	7	22
CIG less than 200 feet and/or VSBY less than ½ mile	00 - 02	3	1	1	#	1	1	#	1	1	1	2	2	1	
	03 - 05	3	2	1	1	2	1	2	3	2	3	3	3	2	
	06 - 08	3	2	1	1	1	1	1	2	2	3	2	2	2	
	09 - 11	1	1	0	0	0	0	#	0	0	#	1	1	#	
	12 - 14	#	1	0	#	0	#	0	#	0	0	#	#	#	
	15 - 17	1	#	#	#	0	#	#	0	0	0	#	1	#	
	18 - 20	1	1	0	0	0	#	0	0	0	0	#	1	#	
	21 - 23	2	1	#	#	0	#	0	#	#	1	1	2	1	
	ALL HOURS	2	1	#	#	1	#	#	1	1	1	1	1	1	22

PREPARED BY USAFETAC
FEBRUARY 1982

STATION NAME AMARILLO MAP TX
LOCATION N35 14 W101 42

PERIOD JUL 46-MAY 81 B
ELEV 3605 FT

STN LTRS
WBAN NO
WMO NO

ARA
23047
72363

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99 95%	SURFACE WINDS PVLG DRCTN (16 PTS)	SPEED MEAN (KT)	SPEED MAX (KT) 99	MEAN CLOUDINESS (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	≥ 0.5	SNOWFALL (IN) ≥ 0.1	≥ 1.0	THUNDERSTORMS	FOG VIS ≤ 7/8	TEMPERATURE (°F) MAX ≥ 95	≥ 90	MIN ≤ 32	≤ 15
JAN	49	22	36	81	-11	.5	2.3	0	1.5	3	13	7	71	51	.11	19	4150	N	11	56	5	4	0	3	1	0	7	0	0	27	8
FEB	53	26	40	88	-14	.6	1.8	0	1.3	4	17	11	68	45	.12	22	4200	N	12	58	5	5	0	3	1	0	7	0	0	21	3
MAR	61	32	47	94	-3	.9	4.0	0	1.4	3	15	8	65	39	.14	26	4300	S	14	66	5	5	0	2	1	2	7	0	0	16	1
APR	71	42	57	98	18	1.1	2.7	0	1.5	2	8	5	66	37	.21	36	4200	S	14	70	5	5	1	0	0	3	5	0	1	4	0
MAY	79	52	66	102	28	2.9	9.8	.2	4.0	0	1	1	74	43	.31	46	4100	S	13	61	6	9	2	0	0	9	7	1	5	0	0
JUN	88	61	75	108	42	3.5	10.7	0	4.1	0	0	0	70	40	.42	54	4000	S	12	60	4	8	2	0	0	10	3	7	15	0	0
JUL	91	66	79	105	53	2.7	7.6	.1	2.0	0	0	0	69	40	.49	58	3750	S	11	60	5	8	2	0	0	10	2	11	21	0	0
AUG	90	64	77	104	49	3.0	7.6	.4	3.6	0	0	0	74	43	.49	58	3800	S	12	57	5	8	2	0	0	9	3	7	18	0	0
SEP	82	57	70	102	36	1.8	5.0	0	2.3	0	0	0	76	46	.39	52	3900	S	11	46	5	6	1	0	0	4	6	2	7	0	0
OCT	71	45	59	95	21	1.5	5.7	.0	2.6	5	4	3	68	39	.23	38	4050	S	11	64	3	5	1	0	0	2	6	0	1	2	0
NOV	59	32	46	87	0	.6	2.3	0	2.0	2	14	8	73	47	.16	29	4150	S	11	63	4	3	0	1	0	1	6	0	0	15	1
DEC	52	25	39	81	-9	.5	4.5	0	1.6	3	8	6	65	40	.11	20	4200	N	11	55	4	3	0	2	0	0	5	0	0	26	3
ANN	71	44	57	108	-14	19.6	10.7	.0	4.1	15	17	11	70	43	.23	38	4100	S	12	70	5	69	11	11	1	50	69	28	68	111	16
YR	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	9	0	0	12	0	35	35	35	35	35	35	35	35	35	35

REMARKS

NUMBER OBSERVED WITHIN: A/B AUG A/B

PSYCHROMETRIC FOR (1900-1979) 60NM 0/0 0/0
HOURLY: 7306-8105 Jun 73 - May 81 (A) Hurricanes 120NM 0/0 0/0
DAILY: 4607-8105 Jul 46 - May 81 (B) Tropical Storms 240NM 0/1 0/1

NOTE * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 3 % CALM GATR % PLVG DRCTN 0 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	20	14	11	14	5	3	6	12	9	15	12	12	
	03-05	19	22	18	14	21	7	8	9	16	10	19	11	15	
	06-08	20	22	21	16	25	9	9	10	18	14	20	12	16	
	09-11	21	21	21	16	21	8	9	9	16	11	21	11	15	
	12-14	18	17	19	12	11	4	4	6	12	8	18	10	12	
	15-17	16	15	13	8	7	3	1	3	8	8	14	8	9	
	18-20	14	14	9	6	6	2	1	2	8	7	12	9	8	
	21-23	18	16	11	8	11	3	1	4	10	9	14	10	10	
	ALL HRS	18	18	16	11	15	5	5	6	13	10	17	10	12	8
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	16	18	10	7	10	4	2	4	9	7	13	7	9	
	03-05	17	19	13	10	16	6	6	7	12	7	16	7	11	
	06-08	17	20	16	13	20	8	7	8	15	11	17	8	13	
	09-11	16	17	17	11	13	5	3	5	12	9	17	7	11	
	12-14	14	14	11	6	5	2	1	3	6	7	10	7	7	
	15-17	11	12	8	4	4	1	0	1	5	6	8	5	5	
	18-20	12	11	6	3	4	2	0	1	6	5	9	6	5	
	21-23	15	14	8	5	8	2	1	3	8	7	11	7	7	
	ALL HRS	15	16	11	7	10	4	3	4	9	7	13	7	9	8
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 2 MI	00-02	14	15	8	5	8	2	2	4	9	6	11	6	8	
	03-05	14	18	10	8	13	5	5	5	11	7	15	5	10	
	06-08	14	17	13	10	16	7	5	7	13	9	15	6	11	
	09-11	16	15	13	7	9	4	2	4	8	8	13	5	9	
	12-14	11	12	8	4	4	1	1	2	5	5	7	5	5	
	15-17	9	9	6	2	3	1	0	1	5	4	6	5	4	
	18-20	10	9	4	2	3	1	0	1	5	4	8	4	4	
	21-23	13	11	6	3	6	2	0	2	7	6	10	5	6	
	ALL HRS	13	13	9	5	8	3	2	3	8	6	11	5	7	8
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	3	7	2	0	1	0	0	0	1	1	4	2	2	
	03-05	4	8	4	1	2	1	1	2	2	2	4	2	3	
	06-08	5	9	4	3	3	1	0	1	2	3	5	2	3	
	09-11	4	6	2	1	1	0	0	0	1	1	2	1	2	
	12-14	2	3	1	0	0	0	0	0	0	0	0	1	1	
	15-17	1	2	2	0	0	0	0	0	0	1	1	0	1	
	18-20	2	3	1	0	0	0	0	0	1	1	3	1	1	
	21-23	3	4	1	0	1	0	0	0	1	1	4	2	1	
	ALL HRS	3	5	2	1	1	0	0	0	1	1	3	1	2	0

A W S	STATION NAME: BERGSTROM AFB/AUSTIN TX	FIELD ELEV: 541 FT
	LATITUDE/LONGITUDE: 30 12 N 097 41 W	STATION MSC: 722545
CLIMATIC BRIEF	HOURLY OBS POR: AUG 81 - JUL 91	CALL SIGN: KBSM
	SUMMARY OF DAY POR: OCT 42-FEB 46, OCT 46-JUL 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: MAY 87
APR 92	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	89	95	99	99	101	104	106	107	107	97	90	91	107	51
MEAN MAX TEMP (F)	60	64	72	79	85	91	95	95	89	81	70	63	79	51
MEAN TEMP (F)	50	54	61	69	76	82	85	85	79	70	60	52	68	51
MEAN MIN TEMP (F)	40	43	50	59	66	72	74	74	69	59	49	42	58	51
EXTRM MIN TEMP (F)	-5	8	19	35	44	54	62	60	45	32	20	6	-5	51
D/W TEMP GE 100 (F)	0	0	0	0	#	1	4	6	1	0	0	0	12	51
D/W TEMP GE 90 (F)	0	#	1	1	7	21	28	28	17	4	#	#	107	51
D/W TEMP LT 33 (F)	8	4	1	0	0	0	0	0	0	#	1	5	19	51
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	51
HEATING DEGREE DAYS	469	323	175	40	2	0	0	0	#	32	197	387	1625	44
COOLING DEGREE DAYS	11	17	65	169	343	513	627	628	445	210	57	14	3099	44
MEAN DEWPOINT TEMP (F)	37	41	47	54	64	69	69	69	65	58	49	38	55	10
MEAN WET BULB TEMP (F)	44	47	54	60	68	72	73	74	69	62	55	45	60	10
99.95% WCPA (FT)	900	1050	1100	1050	900	800	700	700	800	850	1000	1000	1000	10
MEAN REL HUM 07 LST(%)	76.4	78.1	78.1	78.1	83.9	84.7	84.3	83.4	82.4	82.9	78.8	75.2	80.5	10
MEAN REL HUM 13 LST(%)	55.6	55.7	53.0	52.1	59.2	56.4	49.6	46.8	50.2	54.4	55.0	54.8	53.6	10
MAX 24HR PRECIP (IN)	5.01	3.90	2.55	4.50	8.53	5.73	3.96	5.93	5.97	4.30	8.70	4.81	8.70	51
MAX PRECIP (IN)	10.53	7.34	6.52	12.18	13.69	15.59	9.77	8.91	9.36	13.08	12.49	5.96	55.74	51
MEAN PRECIP (IN)	2.00	2.26	2.03	2.89	4.33	3.29	1.68	2.14	3.51	3.33	2.47	1.92	31.80	51
MIN PRECIP (IN)	.02	.09	.05	.03	.28	#	.02	#	.02	.00	#	.01	9.98	51
D/W PRECIP GE .01 (IN)	8	7	7	7	8	6	5	5	7	6	7	7	80	51
D/W PRECIP GT .50 (IN)	1	1	1	2	3	2	1	1	2	2	2	1	19	51
MAX 24HR SNFL (IN)	5.5	4.0	.6	0	0	0	0	0	0	0	2.0	.6	5.5	51
MAX SNFL (IN)	6.8	5.0	.6	0	0	0	0	0	0	0	2.0	.6	7.3	51
MEAN SNFL (IN)	.4	.3	#	0	0	0	0	0	0	0	.1	#	.9	51
D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	#	#	2	51
D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	#	0	#	51
MAX DLY SNO DEPTH (IN)	6	5	#	0	0	0	0	0	0	0	#	#	6	51
PRVLNG WND DIR (DEG)	$35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	$17-19	$17-19	$35-01	35-01	17-19	10
MEAN WND SPD (KTS)	6	6	7	6	6	5	4	4	4	5	5	6	5	10
MAX WND SPD (KTS)	63	51	63	52	68	69	54	57	55	44	54	66	69	49
SKY COVER GT 5/10 (%)	55.7	57.5	55.1	55.6	59.2	44.2	34.3	33.8	39.3	44.9	52.3	54.1	48.8	10
D/W THUNDERSTORMS	1	2	3	5	7	5	4	5	5	3	2	1	43	51
D/W FOG (VSBY LT 7 MI)	13	12	12	13	13	8	6	6	10	11	11	13	128	51

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	00 - 02	30.4	32.0	35.2	34.0	30.0	15.4	7.6	3.3	11.9	25.7	33.8	32.5	24.3	10
	03 - 05	36.5	38.2	42.8	44.2	49.1	31.1	19.2	10.5	25.1	34.2	35.9	36.1	33.6	10
	06 - 08	38.7	40.9	44.9	49.2	54.2	38.0	28.3	18.4	28.8	41.7	41.4	38.8	38.6	10
	09 - 11	35.6	38.5	40.3	34.0	30.9	20.4	9.5	4.8	18.6	31.1	37.1	36.6	28.1	10
	12 - 14	28.2	30.0	24.2	17.1	11.0	4.2	1.8	1.2	4.1	14.7	20.2	27.3	15.3	10
	15 - 17	20.6	21.4	13.2	9.4	3.9	1.4	1.1	1.2	2.3	9.2	13.8	20.6	9.8	10
	18 - 20	19.8	19.5	11.4	6.8	4.3	1.4	1.3	.8	2.9	8.3	11.3	20.5	9.0	10
	21 - 23	24.4	24.6	21.2	15.4	10.2	2.4	1.6	1.0	4.8	13.2	19.0	25.5	13.6	10
	ALL	29.3	30.6	29.2	26.3	24.2	14.3	8.8	5.1	12.3	22.3	26.6	29.7	21.5	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	20.6	20.3	20.9	17.1	12.8	5.3	3.8	1.9	5.7	15.3	20.3	23.1	13.9	10
	03 - 05	26.1	25.9	27.5	27.9	25.3	16.6	13.0	5.3	12.2	23.2	24.0	27.0	21.2	10
	06 - 08	28.8	29.2	28.8	31.9	30.1	21.0	16.9	10.2	18.2	30.1	27.3	29.6	25.2	10
	09 - 11	25.6	26.6	21.2	14.9	9.4	7.8	3.9	1.0	6.3	18.8	21.8	24.4	15.1	10
	12 - 14	19.2	16.1	7.4	6.9	3.9	1.8	1.1	.6	1.3	7.0	9.0	15.8	7.5	10
	15 - 17	12.8	12.2	4.5	4.4	1.0	.3	.2	.3	1.1	4.7	6.2	11.9	5.0	10
	18 - 20	11.5	11.1	4.2	3.3	1.3	.6	.6	.4	2.1	4.3	5.3	13.2	4.8	10
	21 - 23	14.1	14.2	9.1	5.7	2.5	.6	1.2	.4	3.6	7.7	10.1	17.4	7.2	10
	ALL	19.9	19.4	15.5	14.0	10.8	6.7	5.1	2.5	6.3	13.9	15.5	20.3	12.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	15.3	12.4	11.6	8.1	3.3	1.0	1.5	1.1	1.3	7.1	11.2	16.6	7.5	10
	03 - 05	20.2	18.8	18.5	16.8	11.0	6.0	3.8	2.8	5.2	15.1	16.4	18.9	12.8	10
	06 - 08	22.3	21.3	19.7	20.7	14.6	9.7	6.6	4.2	10.9	22.2	19.3	21.5	16.1	10
	09 - 11	17.3	19.3	10.8	6.3	2.8	2.0	1.2	.3	2.0	11.7	13.9	15.3	8.6	10
	12 - 14	11.9	10.3	3.3	4.1	1.1	.2	.3	.4	.2	3.5	5.8	9.2	4.2	10
	15 - 17	7.6	8.6	1.5	2.7	.5	.0	.2	.1	.2	2.8	4.4	7.8	3.0	10
	18 - 20	7.8	8.7	1.8	1.8	.3	.1	.3	.0	.3	2.9	4.4	9.5	3.2	10
	21 - 23	10.3	10.8	4.4	3.0	1.1	.1	.4	.0	1.6	4.6	6.4	13.4	4.7	10
	ALL	14.1	13.8	9.0	7.9	4.3	2.4	1.8	1.1	2.7	8.7	10.2	14.0	7.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	3.5	1.5	1.2	.8	.2	.0	.0	.0	.0	.5	1.9	3.3	1.1	10
	03 - 05	4.8	2.0	1.4	1.2	1.5	.1	.4	.0	.1	1.8	3.0	3.1	1.6	10
	06 - 08	4.4	4.5	1.7	1.6	1.4	.0	.4	.1	.3	5.2	4.8	4.1	2.4	10
	09 - 11	1.8	1.9	.1	.1	.0	.0	.0	.0	.0	1.0	1.6	3.0	.8	10
	12 - 14	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	.2	10
	15 - 17	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	1.0	.1	10
	18 - 20	.6	.0	.0	.7	.0	.0	.0	.0	.0	.3	.8	1.4	.3	10
	21 - 23	2.2	.2	.0	.4	.0	.0	.0	.0	.0	.4	1.1	2.2	.5	10
	ALL	2.3	1.3	.6	.6	.4	.0	.1	.0	.1	1.2	1.7	2.4	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/2	0/2	0/2	1/2	0/0	0/0	0/0	1/8
120NM	0/0	0/0	0/0	0/0	0/0	3/5	2/5	5/9	1/4	0/1	0/0	0/0	11/24
240NM	0/0	0/0	0/0	0/0	0/0	8/11	6/11	13/18	10/17	1/2	0/0	0/0	38/59

REMARKS : @

PREPARED BY: USAFETAC
JANUARY 1987

STATION NAME: BIGGS AAF/EL PASO TX
LOCATION : N31 48 W106 24

PERIOD: JAN 50-SEP 86
ELEV : 3956 FT

WBAN NO.: 23044
NCDC NO.: 722700

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MEAN MONTHLY	MAX MONTHLY	MIN MONTHLY	MAX 24 HRS	SNOWFALL (IN) MEAN MONTHLY	MAX MONTHLY	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) 02 LST	13 LST	MEAN VAPOR PRESSURE (IN Hg)	DEW PT (°F)	PREVAILING VISIBILITY (MI) 99.9%	SURFACE WINDS PVLG DIRCTN (10 PCT)	SPEED MEAN (KT)	SPEED MAX (ETT GD)	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS BEGINNING OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER HEARD	FOG ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 0
JAN	59	31	45	80	-8	.9	1.2	.0	.5	1	5	5	72	42	.15	27	4300	N	6	53	5	4	0	1	0	0	2	0	0	18	7
FEB	63	35	49	83	8	.4	1.7	.0	.6	1	9	7	63	32	.14	26	4300	W	6	63	4	3	0	1	0	0	1	0	0	11	3
MAR	77	41	59	88	18	.7	2.1	.0	.8	1	7	4	48	25	.14	25	4350	W	8	73	4	2	0	0	0	0	1	0	0	4	1
APR	78	49	64	96	23	.2	1.4	.0	1.0	1	17	7	42	21	.15	28	4300	W	8	64	4	2	0	0	0	1	0	0	0	1	0
MAY	87	58	72	104	31	.3	1.3	.0	1.0	0	0	0	40	19	.20	34	4250	W	8	48	3	2	0	0	0	0	0	0	0	0	0
JUN	94	66	81	111	46	.7	3.2	.0	1.2	0	0	0	45	21	.29	45	4200	W	8	56	4	3	0	0	0	0	5	0	0	10	0	0
JUL	95	70	83	112	57	1.6	5.5	.0	1.8	0	0	0	54	28	.42	54	4050	SE	6	63	5	8	1	0	0	10	0	7	19	0	0
AUG	93	66	81	108	56	1.9	5.6	.0	2.0	0	0	0	63	34	.47	57	4050	S	5	58	5	8	1	0	0	10	0	2	14	0	0
SEP	88	62	75	104	42	1.5	6.7	.0	2.3	0	0	0	64	35	.39	57	4150	S	5	55	5	5	1	0	0	9	1	0	4	0	0
OCT	78	50	65	96	25	.8	3.1	.0	1.2	0	1	1	68	37	.27	42	4200	N	5	51	4	4	0	0	0	2	1	0	0	0	0
NOV	66	38	52	87	1	.3	1.6	.0	.6	1	13	7	65	35	.17	31	4250	N	6	51	4	3	0	0	0	1	1	0	0	7	1
DEC	58	31	45	84	-5	.4	2.6	.0	.7	2	18	7	68	39	.15	27	4300	N	4	44	4	2	0	1	0	2	2	0	0	16	4
ANN	78	50	64	112	-8	8.1	6.7	.0	2.3	7	18	7	58	33	.22	37	4250	N	6	73	4	44	1	3	0	35	8	17	59	53	18
RYR	37	37	37	37	37	37	37	37	37	37	37	37	16	17	16	16	10	10	10	17	10	37	37	37	37	37	37	37	37	37	37

REMARKS:

BIGGS AAF/EL PASO TX

MISSING FOR:
HOURLY OBS: OCT 76-SEP 86
SUMMARY OF DAY DATA: JAN 50-SEP 86
HOURS SUMMARIZED: 0000-2300 LST

THE DATA USED TO PRODUCE THIS CLIMATIC BRIEF WERE FOR EL PASO, TX.

NOTE: * DATA NOT AVAILABLE # ABOVE < SHOWS SHADED IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM DATA % PVLG. DIRCTN # DAYS TO < FULL MONTH

CAV PARAMETER(S)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	CYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	7	3	1	1	0	1	0	2	3	3	0	0	2	
	03-05	9	4	3	2	0	1	0	2	5	4	5	4	3	
	06-08	11	3	3	1	1	2	1	2	7	7	5	5	4	
	09-11	11	4	2	2	0	2	0	2	7	5	5	0	4	
	12-14	7	4	2	2	0	1	0	1	5	4	5	7	3	
	15-17	5	3	2	3	0	1	0	1	4	4	4	4	3	
	18-20	5	2	1	2	0	0	0	1	2	3	2	3	2	
	21-23	6	3	2	2	1	1	0	1	2	1	1	1	2	
	ALL HRS	8	3	2	2	0	1	0	2	4	4	4	5	3	18
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	3	0	0	1	0	0	0	0	1	1	2	2	1	
	03-05	5	0	1	1	0	0	0	1	1	1	3	3	1	
	06-08	5	1	1	1	0	0	0	1	2	3	3	5	2	
	09-11	5	1	1	1	0	0	0	0	2	2	2	4	2	
	12-14	3	2	1	1	0	0	0	0	1	1	1	3	1	
	15-17	3	2	1	2	0	0	0	0	1	1	1	2	1	
	18-20	3	1	0	1	0	0	0	0	1	0	1	1	1	
	21-23	3	1	1	1	0	0	0	0	0	0	1	2	1	
	ALL HRS	4	1	1	1	0	0	0	0	1	1	2	3	1	18
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	3	0	0	1	0	0	0	0	0	1	2	4	1	
	03-05	4	0	0	1	0	0	0	0	1	1	3	2	1	
	06-08	4	1	0	1	0	0	0	0	1	3	2	3	1	
	09-11	4	1	1	1	0	0	0	0	1	1	2	3	1	
	12-14	2	1	1	1	0	0	0	0	1	1	1	2	1	
	15-17	1	1	0	1	0	0	0	0	1	0	1	1	1	
	18-20	2	1	0	1	0	0	0	0	0	0	1	1	1	
	21-23	2	0	1	1	0	0	0	0	0	0	1	1	0	
	ALL HRS	3	1	0	1	0	0	0	0	1	1	2	2	1	18
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	2	0	0	0	0	0	0	0	0	0	1	1	0	
	06-08	2	0	0	0	0	0	0	0	0	1	1	1	0	
	09-11	1	0	0	0	0	0	0	0	0	0	1	1	0	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	1	0	0	0	0	0	0	0	0	0	0	0	0	
	ALL HRS	1	0	0	0	0	0	0	0	0	0	0	0	0	18

A W S CLIMATIC BRIEF January 1988	Station Name: CARSWELL AFB TX Latitude/Longitude: N32 46 W097 26 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Nov 42 to Oct 45 LST = GMT -6	Sep 46 to Jul 87	Field Elev: 650 ft Station MSC: 722595 Call Sign: KFWH Supersedes: Jun 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	88	88	95	99	101	110	109	110	107	105	89	91	110	44
MEAN MAX TEMP °F	55	60	67	76	83	91	95	96	88	78	66	58	76	44
MEAN TEMP °F	45	50	57	66	74	82	86	85	78	68	56	48	66	44
MEAN MIN TEMP °F	35	39	46	56	64	72	75	75	68	57	46	38	56	44
XTRM MIN TEMP °F	2	5	11	31	42	55	61	60	43	33	17	6	2	44
D/W TEMP ≥100°F	0	0	0	0	#	2	7	8	1	0	0	0	18	44
D/W TEMP ≥ 90°F	0	0	#	1	5	19	27	27	15	3	0	#	97	44
D/W TEMP ≤ 32°F	13	7	3	#	0	0	0	0	0	0	2	8	33	44
D/W TEMP ≤ 20°F	2	#	#	0	0	0	0	0	0	0	#	1	3	44
VPR PRESS ("Hg)	.17	.20	.28	.36	.54	.67	.67	.64	.58	.40	.28	.20	.38	10
MEAN DEWPOINT °F	30	35	43	50	61	67	67	66	63	53	43	34	51	10
99.95% WCPA Ft	1100	1200	1300	1200	1100	950	850	850	1000	1050	1150	1200	1150	10
MEAN RH 07 LST %	73	76	74	73	80	77	69	70	76	75	75	72	74	10
MEAN RH 13 LST %	53	56	51	51	59	55	44	44	49	51	53	52	52	10
MAX 24HR PRECIP "	2.8	3.0	3.4	3.3	5.7	3.5	5.9	3.1	4.0	3.2	2.8	2.9	5.9	44
MAX PRECIP "	5.9	8.4	6.5	14.2	15.2	8.8	9.0	6.0	9.6	10.7	7.4	6.7	15.2	44
MEAN PRECIP "	1.7	2.0	2.4	3.5	4.4	3.1	2.3	1.9	3.4	3.1	1.8	1.9	31.5	44
MIN PRECIP "	#	.1	#	.2	.6	.1	#	#	#	#	#	#	#	44
D/W PRECIP ≥ .01"	6	6	6	7	8	6	5	4	6	6	5	6	71	44
D/W PRECIP ≥ .5"	1	1	2	2	3	2	1	1	2	2	1	1	19	44
MAX 24HR SNFL "	5	8	7	0	0	0	0	0	0	0	4	3	8	41
MAX SNFL "	8	12	7	0	0	0	0	0	0	0	4	3	12	41
MEAN SNFL "	1	1	#	0	0	0	0	0	0	0	#	#	2	41
D/W SNFL ≥ .1"	1	1	#	0	0	0	0	0	0	0	#	#	2	41
D/W SNFL ≥ 1:5"	#	#	#	0	0	0	0	0	0	0	#	#	#	41
MEAN WND DRCTN	N	N	S	S	S	S	S	S	S	S	S	N	S	10
MEAN WND SPD Kts	7	8	8	8	7	7	6	6	6	6	7	7	7	10
MAX WND SPD** Kts	50	63	69	64	68	65	56	54	80@	45	54@	58	80@	39
MEAN CLD CVR 10th	6	6	6	5	6	5	4	4	5	5	6	6	5	10
D/W TSTORMS	1	2	4	6	8	6	5	5	3	3	2	1	46	41
D/W FOG VSBY <7mi	12	10	9	9	10	5	3	3	8	9	9	10	97	41

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available; $ = Percentage of calm winds ≥ mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	JUN	JUL	AUG	SEP	ANNUAL
Within 60NM	0/1	0/0	0/1	0/1	0/3
Within 120NM	0/2	0/2	0/7	0/1	0/12
Within 240NM	4/7	3/5	9/14	3/11	19/37

A W S CLIMATIC BRIEF January 1988	Station Name: CARSWELL AFB TX Latitude/Longitude: N32 46 W097 26 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Nov 42 to Oct 45 LST = GMT -6 Sep 46 to Jul 87	Field Elev: 650 ft Station MSC: 722595 Call Sign: KFWH Supersedes: Jun 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	24	29	14	13	13	5	1	1	8	17	23	24	14	
	03-05	26	33	22	20	20	11	3	2	12	21	28	26	19	
CIG/VSBY	06-08	28	36	27	23	27	16	6	4	15	23	32	28	22	
	09-11	30	34	24	23	23	14	5	4	16	25	29	30	21	
LESS THAN	12-14	25	30	18	15	12	7	1	2	8	16	23	24	15	
	15-17	21	25	14	11	9	2	1	1	6	10	17	21	12	
3000/3	18-20	20	26	14	9	7	1	#	#	4	9	16	20	11	
	21-23	21	27	11	10	7	2	#	#	6	12	19	22	11	
	00-24	24	30	18	16	15	7	2	2	9	17	23	24	16	10
	00-02	16	17	7	7	7	2	1	1	5	9	12	18	9	
	03-05	20	19	11	9	10	4	2	1	7	12	16	21	11	
CIG/VSBY	06-08	21	22	14	11	12	7	4	2	10	14	19	21	13	
	09-11	21	23	12	9	8	4	2	2	7	13	19	23	12	
LESS THAN	12-14	15	18	8	5	4	1	#	1	3	8	13	16	8	
	15-17	15	16	6	3	2	1	#	#	2	4	10	13	6	
1500/3	18-20	15	14	7	4	3	#	#	#	2	4	9	12	6	
	21-23	15	14	5	6	3	#	#	0	3	6	10	15	6	
	00-24	17	18	9	7	6	2	1	1	5	9	14	17	9	10
	00-02	13	12	3	5	2	1	#	#	3	5	8	14	6	
	03-05	15	12	6	6	4	3	#	1	4	8	11	16	7	
CIG/VSBY	06-08	16	16	7	6	5	4	2	1	6	10	14	16	9	
	09-11	16	16	7	5	3	2	#	1	3	8	13	15	7	
LESS THAN	12-14	11	12	4	1	2	#	#	#	3	3	8	9	4	
	15-17	11	9	3	1	1	#	#	#	1	3	5	7	3	
1000/2	18-20	12	9	3	2	1	0	#	#	1	2	5	9	4	
	21-23	13	11	3	3	1	0	#	0	2	4	6	10	4	
	00-24	13	12	5	4	2	1	#	#	3	5	9	12	6	10
	00-02	1	1	0	0	0	0	0	0	0	#	#	1	#	
	03-05	3	2	#	#	#	0	0	0	0	1	2	2	1	
CIG/VSBY	06-08	3	3	1	#	#	0	0	0	#	1	3	2	1	
	09-11	1	1	#	#	#	0	0	0	0	#	1	1	#	
LESS THAN	12-14	#	#	0	#	#	0	0	0	0	0	#	0	#	
	15-17	0	0	0	0	#	0	0	0	0	0	0	#	#	
200/½	18-20	#	#	0	0	#	0	0	0	0	0	0	1	#	
	21-23	1	#	0	#	0	0	0	0	0	#	0	1	#	
	00-24	1	1	#	#	#	0	0	0	#	#	1	1	#	10

AWS CLIMATIC BRIEF

CHASE AAS/BENTVILLE, TEXAS — PERIOD: 1945-68 — WBAN # 12925 — WMO #

Prepared by ETAC (APR 1971) — N 28 22 W 97 40 — ELEVATION: 200 ft — STN LTRS: XNIR

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (FEET) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (Tenths)
JAN	87	63	44	15	1.7	2.6	#	#	NNE	8	44	83	61	43	.28	600	8	1	#	0	1	16	0	1	4	0	6
FEB	92	67	48	26	2.6	2.2	1	5	SSE	9	46	86	60	48	.34	650	7	2	#	#	1	16	#	3	2	0	6
MAR	97	73	54	31	1.2	2.0	#	#	SSE	9	50	83	55	53	.40	700	6	1	0	0	2	16	1	10	#	0	6
APR	104	81	64	39	1.9	3.3	0	0	SSE	10	45	86	56	60	.52	700	5	1	0	0	3	17	3	19	0	0	7
MAY	102	86	69	52	3.7	4.0	0	0	SSE	9	68	89	55	67	.67	550	7	2	0	0	5	16	6	29	0	0	6
JUN	101	91	73	57	2.9	4.8	0	0	SSE	8	58	91	54	71	.76	500	6	2	0	0	5	13	21	30	0	0	5
JUL	106	94	75	65	1.8	3.6	0	0	SSE	8	41	91	50	72	.79	350	4	1	0	0	4	10	28	31	0	0	4
AUG	108	95	76	65	2.2	2.4	0	0	SSE	7	44	88	48	72	.79	400	5	1	0	0	5	9	28	31	0	0	4
SEP	104	90	72	54	4.8	9.6	0	0	SE	7	59	89	54	69	.71	500	9	2	0	0	6	13	18	29	0	0	5
OCT	100	83	63	38	2.8	3.5	0	0	SE	7	42	86	54	62	.56	500	6	2	0	0	3	15	5	23	0	0	4
NOV	91	73	54	27	1.8	2.4	#	#	NNE	8	46	83	56	53	.40	650	6	1	0	0	1	14	#	10	#	0	5
DEC	87	67	47	25	1.8	2.9	#	#	NNE	8	41	83	59	46	.31	550	7	1	0	0	1	15	0	2	2	0	6
ANN	108	80	62	15	29.2	9.6	1	5	SSE	8	68	87	55	60	.52	650	76	17	#	#	37	170	110	218	8	0	5
EYR	15	14	14	15	14	15	14	15	12	12	13	12	12	12	12	10	14	12	12	12	14	14	14	12	14	12	14

REMARKS

	Jun A/B	Jul A/B	Aug A/B	Sep A/B	Oct A/B	Ann A/B
Number Observed Within: (POR: 1900-1970) 60 NM	8/4	1/1	2/2	6/3	1/1	18/11
(A) Hurricanes/Tropical Storms 120 NM	11/5	4/1	8/6	8/5	1/1	32/18
(B) Hurricanes Only 240 NM	14/7	8/5	17/11	21/10	5/2	65/35

RUSSMO POR: Hrly and Daily Obs: Mar 45-Apr 46, Aug 54-Dec 64. Navy LCD Aug 54-Dec 68

NOTE: "DATA NOT AVAILABLE. BLESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	35	43	40	52	35	16	6	4	9	12	29	32	26	
	03 - 05	40	48	46	59	39	21	9	6	14	19	34	38	31	
	06 - 08	44	54	49	60	49	38	23	17	20	25	41	42	39	
	09 - 11	38	48	46	54	56	49	36	33	43	29	37	37	42	
	12 - 14	38	40	35	38	29	23	13	11	24	22	30	32	28	
	15 - 17	31	32	26	28	15	13	5	6	11	11	21	23	19	
	18 - 20	29	29	23	29	18	11	2	2	6	8	18	22	16	
	21 - 23	30	33	33	43	26	10	3	3	7	10	21	27	21	
	ALL HOURS	35	41	37	45	33	22	12	10	17	17	29	32	27	12
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	29	37	30	43	24	8	2	1	6	7	19	25	19	
	03 - 05	33	40	35	47	26	11	4	3	8	14	25	29	23	
	06 - 08	36	43	37	51	34	21	13	10	13	18	30	33	28	
	09 - 11	30	34	28	26	12	7	2	4	10	12	22	27	18	
	12 - 14	23	22	14	11	4	2	1	2	5	6	11	16	10	
	15 - 17	18	18	7	8	3	1	1	2	4	3	9	13	7	
	18 - 20	19	20	12	18	7	3	#	1	3	4	11	14	9	
	21 - 23	22	25	24	34	16	5	#	1	4	5	14	20	14	
	ALL HOURS	26	30	23	30	16	7	3	3	7	9	17	22	16	12
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	24	29	21	25	9	3	1	1	3	5	13	21	13	
	03 - 05	27	34	24	29	14	5	2	1	6	9	19	25	16	
	06 - 08	30	36	26	34	16	6	4	4	8	11	22	27	19	
	09 - 11	23	26	17	12	3	1	1	2	4	6	14	20	11	
	12 - 14	15	14	6	5	2	1	#	2	3	3	7	11	6	
	15 - 17	12	12	4	5	1	1	1	1	3	2	6	10	5	
	18 - 20	13	14	5	8	1	1	#	#	2	2	7	10	5	
	21 - 23	18	19	16	17	5	1	0	1	3	3	9	15	9	
	ALL HOURS	20	23	15	17	6	2	1	1	4	5	12	18	10	12
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	8	7	4	2	#	0	0	0	0	1	4	7	3	
	03 - 05	9	10	7	3	3	#	0	0	1	2	6	10	4	
	06 - 08	11	9	7	3	3	#	#	1	2	3	7	9	5	
	09 - 11	4	2	1	#	#	0	#	0	#	#	1	3	1	
	12 - 14	1	#	#	0	0	0	#	#	#	0	0	#	#	
	15 - 17	1	#	#	#	0	#	0	0	#	#	#	#	#	
	18 - 20	2	#	#	#	0	#	#	0	0	0	0	1	#	
	21 - 23	5	1	1	#	0	0	0	0	0	#	1	3	1	
	ALL HOURS	5	4	3	1	1	#	#	#	#	1	2	4	2	12

A W S CLIMATIC BRIEF January 1988	Station Name: DYESS AFB, TX Latitude/Longitude: N32 26 W099 51 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Dec 43 to Dec 45 Apr 56 to Aug 87 LST = GMT -6	Field Elev: 1,789 ft Station MSC: 722665 Call Sign: KDYS Supersedes: Dec 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	89	89	96	99	108	109	107	108	105	103	95	86	109	34
MEAN MAX TEMP °F	54	59	68	77	84	90	94	94	86	76	65	57	75	34
MEAN TEMP °F	43	48	56	65	73	80	84	83	76	66	54	46	64	34
MEAN MIN TEMP °F	32	36	44	53	61	69	73	72	65	55	43	35	53	34
XTRM MIN TEMP °F	-7	-2	8	27	35	50	57	53	39	29	16	2	-7	34
D/W TEMP ≥ 100°F	0	0	0	0	#	2	5	5	1	#	0	0	13	34
D/W TEMP ≥ 90°F	0	0	1	3	8	18	26	24	12	2	#	0	94	34
D/W TEMP ≤ 32°F	17	10	4	1	0	0	0	0	0	#	4	13	49	34
D/W TEMP ≤ 10°F	1	#	#	0	0	0	0	0	0	0	0	#	1	34
VPR PRESS ("Hg)	.15	.19	.22	.28	.44	.56	.58	.58	.50	.36	.25	.17	.32	10
MEAN DEWPOINT °F	27	33	37	43	55	62	63	63	59	50	40	31	47	10
99.95% WCPA Ft	2250	2300	2400	2350	2300	2150	2000	2000	2150	2200	2300	2300	2300	10
MEAN RH 07 LST %	69	72	66	64	72	73	67	68	70	74	73	71	70	10
MEAN RH 13 LST %	51	53	44	39	46	47	41	41	44	49	50	51	46	10
MAX 24HR PRECIP "	2.0	1.6	2.3	5.9	4.6	4.3	5.5	6.8	3.4	4.8	2.7	1.3	6.8	34
MAX PRECIP "	5.3	3.5	4.0	10.2	14.7	7.4	8.6	8.9	10.9	9.7	4.4	3.3	14.7	34
MEAN PRECIP "	1.1	1.1	1.2	2.2	3.3	2.6	2.3	2.6	3.0	3.0	1.3	1.0	24.7	34
MIN PRECIP "	#	#	.1	#	.2	#	#	#	#	.2	#	#	#	34
D/W PRECIP ≥ .01"	5	5	5	6	8	6	5	5	6	6	5	5	67	34
D/W PRECIP ≥ .5"	1	1	1	2	2	2	2	2	2	2	1	1	19	34
MAX 24HR SNFL "	8	5	6	#	0	0	0	0	0	#	6	2	8	31
MAX SNFL "	18	7	7	#	0	0	0	0	0	#	8	6	18	31
MEAN SNFL "	2	1	1	#	0	0	0	0	0	#	1	1	6	31
D/W SNFL ≥ .1"	1	1	#	0	0	0	0	0	0	0	#	#	2	31
D/W SNFL ≥ 1.5"	1	#	#	0	0	0	0	0	0	0	#	#	1	31
MEAN WND DRCTN	N	N	S	S	S	S	S	S	S	S	S	N	S	10
MEAN WND SPD Kts	7	7	9	9	7	7	6	6	6	6	6	7	7	10
MAX WND SPD** Kts	53	51	50	60	54	64	55@	58	44	47	80	48	80	30
MEAN CLD CVR 10th	6	6	6	5	6	5	4	5	5	5	5	5	5	10
D/W TSTORMS	1	1	3	5	8	6	5	6	4	3	1	1	44	31
D/W FOG VSBY <7mi	7	6	5	4	4	2	1	2	5	5	5	7	53	31

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available
$ = Percentage of calm winds ≥ mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	JUN	JUL	AUG	SEP	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/0	0/2	0/1	0/3
Within 240NM	0/5	0/3	1/10	1/2	2/20

A W S CLIMATIC BRIEF January 1988	Station Name: DYESS AFB, TX Latitude/Longitude: N32 26 W099 51 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Dec 43 to -Dec 45 Apr 56 to Aug 87 LST = GMT -6	Field Elev: 1,789 ft Station MSC: 722655 Call Sign: KDYS Supersedes: Dec 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	19	22	11	8	6	5	1	2	9	12	16	22	11	
	03-05	22	26	14	12	13	9	2	2	12	16	18	24	14	
CIG/VSBY	06-08	22	30	17	14	17	15	3	4	15	19	21	24	17	
	09-11	23	29	19	14	16	12	3	4	13	17	23	24	16	
LESS THAN	12-14	23	26	15	9	9	6	1	2	8	12	18	23	13	
	15-17	18	23	10	6	5	3	1	2	6	9	15	21	10	
3000/3	18-20	16	21	9	5	3	2	#	1	6	9	14	18	9	
	21-23	18	20	9	6	4	3	#	1	7	8	14	20	9	
	00-24	20	25	13	9	9	7	1	2	10	13	17	22	12	10
	00-02	14	16	7	5	4	3	#	1	6	8	11	17	8	
	03-05	15	20	8	7	8	3	#	2	8	11	11	17	9	
CIG/VSBY	06-08	17	23	10	9	9	7	1	3	9	13	14	18	11	
	09-11	18	25	10	7	7	4	1	1	9	11	15	17	10	
LESS THAN	12-14	16	19	7	3	3	2	#	1	4	7	11	16	7	
	15-17	13	16	5	3	2	1	1	1	3	5	9	14	6	
1500/3	18-20	13	14	5	2	1	1	0	1	3	5	8	14	6	
	21-23	13	15	6	3	2	2	0	1	4	5	9	15	6	
	00-24	15	19	7	5	5	3	#	1	6	8	11	16	8	10
	00-02	11	12	4	3	2	1	#	1	5	5	9	13	6	
	03-05	12	15	6	4	4	2	#	1	6	8	8	13	7	
CIG/VSBY	06-08	13	19	7	4	5	4	#	1	7	10	10	15	8	
	09-11	14	18	7	3	4	2	#	1	5	7	10	14	7	
LESS THAN	12-14	11	12	4	2	1	1	#	#	2	4	7	11	5	
	15-17	9	10	3	2	2	1	#	#	2	3	6	11	4	
1000/2	18-20	10	9	3	2	1	1	0	1	2	3	6	10	4	
	21-23	11	11	3	2	1	1	0	1	3	4	7	12	5	
	00-24	11	13	5	3	3	2	#	1	4	6	8	12	6	10
	00-02	1	2	#	#	#	0	0	0	#	#	1	1	#	
	03-05	1	2	#	#	0	#	0	0	1	#	#	2	1	
CIG/VSBY	06-08	1	2	1	#	#	#	0	0	#	1	#	2	1	
	09-11	1	1	1	0	0	0	0	0	0	0	#	2	#	
LESS THAN	12-14	#	#	#	#	#	0	0	0	0	0	#	1	#	
	15-17	1	0	0	0	0	#	#	0	0	0	#	11	#	
200/½	18-20	1	#	#	#	0	0	0	0	0	0	#	1	#	
	21-23	1	1	#	#	0	0	0	0	0	0	#	1	#	
	00-24	1	1	#	#	#	#	#	0	#	#	#	1	#	10

PREPARED BY: USAFETAC
MAY 1986

STATION NAME: ELLINGTON ANGB TX
LOCATION: N29 37 W095 10

PERIOD: JUL 41-FEB 86 9
ELEV: 39 FT

EFD
STN LOC:
WBAN NO: 722436

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (in) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (in) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 07	LST 13	VAPOR PRESSURE (in Hg)	DEW PT (°F)	PRESSURE (FT) 99.9%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 6Q	CCEILING HEIGHT (hundreds)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.0 in	THUNDERSTORMS	FOG VSBY < 7mi	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 25
JAN	62	44	53	83	16	3.3	11.2	.3	4.4	0	3	3	78	64	.25	47	450	N	7	63	7	10	2	2	0	2	18	0	1	9	1
FEB	65	47	56	87	15	3.2	10.5	.1	4.1	0	6	4	80	64	.29	49	450	N	7	58	7	8	2	2	0	2	14	0	2	2	0
MAR	71	53	62	94	22	2.6	9.4	.1	5.8	0	0	0	82	62	.39	52	550	S	8	52	7	6	2	0	0	3	10	0	0	0	0
APR	78	61	70	93	35	3.4	8.2	.1	5.2	0	0	0	81	58	.50	59	500	S	7	50	7	7	2	0	0	4	17	0	13	0	0
MAY	84	67	76	97	45	4.4	11.2	.4	5.4	0	0	0	83	59	.64	66	400	S	6	65	6	8	3	0	0	6	17	5	26	0	0
JUN	89	73	81	99	57	6.7	15.1	.3	6.3	0	0	0	83	59	.76	71	250	S	5	56	5	7	2	0	0	7	11	17	29	0	0
JUL	92	75	83	104	61	4.6	17.9	.8	6.5	0	0	0	85	59	.82	73	200	S	4	608	5	9	3	0	0	11	9	24	31	0	0
AUG	92	75	83	103	57	4.8	20.3	.8	17.3	0	0	0	87	60	.85	74	200	S	3	69	5	10	3	0	0	12	12	23	31	0	0
SEP	87	71	79	101	45	5.1	15.6	.1	5.9	0	0	0	87	62	.71	69	300	N	4	578	5	9	3	0	0	8	14	11	28	0	0
OCT	81	61	71	96	37	3.8	15.6	.6	6.0	0	0	0	83	57	.52	60	350	N	5	52	5	7	2	0	0	4	17	1	20	0	0
NOV	71	52	62	89	24	3.8	11.1	.7	6.1	0	0	0	82	60	.39	52	450	N	6	65	6	8	2	0	0	3	14	0	6	1	0
DEC	65	46	56	84	17	3.7	8.4	.6	5.8	0	0	0	79	65	.30	45	500	N	6	52	6	9	2	0	0	2	18	0	1	0	0
ANN	78	60	69	104	15	47.9	20.3	.1	17.3	0	6	4	83	60	.50	59	450	S	6	69	6	100	28	8	0	99	185	79	192	10	1
YRS	41	41	41	41	41	41	41	41	41	36	36	36	10	10	10	10	11	10	10	33	10	41	41	36	36	36	36	41	41	41	41

REMARKS:

RUSWO FOR
HOURLY OBS: MAR 76-FEB 86
SUMMARY OF DAY DATA: JUL 41-FEB 86,
JAN 50-FEB 86

NUMBER OBSERVED WITHIN:	A/B	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
(1900-1982)	60MN	0/0	0/0	2/3	5/5	2/7	0/1	0/0	9/16
(A) Hurricanes	120MN	0/0	1/3	4/7	8/14	6/11	0/1	0/0	19/36
(B) Tropical Storms	240MN	0/1	7/13	7/12	15/18	13/29	3/6	0/1	45/80

NOTE: * DATA NOT AVAILABLE # ASTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS $ % CALM GSTS % PVLG DIRCTN ∂ GUSTS OR < FULL RESPONSE

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
	00-02	36	37	37	33	20	5	1	2	3	16	27	30	20	
	03-05	40	41	43	41	24	7	2	4	9	18	32	33	25	
CEILING LESS	06-08	43	43	46	44	30	10	7	7	20	25	35	36	29	
THAN 3000 FT	09-11	40	41	42	38	26	14	8	10	15	22	33	33	27	
AND/OR VISIBILITY	12-14	34	38	36	31	21	19	7	9	11	16	26	29	23	
LESS THAN 3 MI	15-17	31	31	29	25	15	9	5	6	7	10	19	25	18	
	18-20	30	29	27	22	14	6	3	2	6	9	18	24	16	
	21-23	32	31	35	27	17	3	2	2	6	9	24	27	18	
	ALL HRS	35	36	37	33	21	9	4	5	9	15	26	30	22	10
	00-02	28	29	31	25	12	3	0	1	2	7	22	24	15	
	03-05	31	32	36	33	15	4	1	2	5	13	24	26	18	
CEILING LESS	06-08	34	33	37	34	20	7	5	6	14	21	27	29	22	
THAN 1500 FT	09-11	33	31	30	29	12	4	3	6	9	15	21	25	18	
AND/OR VISIBILITY	12-14	26	22	19	13	6	1	2	2	4	5	13	18	11	
LESS THAN 3 MI	15-17	21	16	12	9	4	1	2	1	3	4	10	14	8	
	18-20	22	17	17	10	6	1	1	1	2	4	11	17	9	
	21-23	25	22	28	18	8	1	1	1	2	5	14	23	12	
	ALL HRS	26	25	26	21	10	2	2	2	5	9	18	22	14	10
	00-02	23	23	25	18	7	2	0	1	1	4	17	20	12	
	03-05	26	27	28	24	7	1	1	1	2	8	19	21	14	
CEILING LESS	06-08	28	27	29	23	10	4	2	3	6	16	22	25	16	
THAN 1000 FT	09-11	25	23	21	13	3	2	1	3	4	9	15	20	12	
AND/OR VISIBILITY	12-14	17	14	10	6	1	0	1	1	2	2	7	12	6	
LESS THAN 2 MI	15-17	15	10	8	5	1	0	1	1	1	3	6	10	5	
	18-20	16	10	9	6	3	0	0	1	1	3	7	12	6	
	21-23	20	15	21	12	5	0	0	0	1	3	11	16	9	
	ALL HRS	21	19	19	13	5	1	1	1	2	6	13	17	10	10
	00-02	6	6	5	1	0	0	0	0	0	0	5	5	2	
	03-05	9	10	7	5	1	0	0	0	0	1	7	7	4	
CEILING LESS	06-08	10	10	7	6	1	0	0	0	0	5	6	9	5	
THAN 200 FT	09-11	6	4	2	1	0	0	0	0	0	1	3	3	2	
AND/OR VISIBILITY	12-14	2	1	0	0	0	0	0	0	0	0	0	0	0	
LESS THAN 1/2 MI	15-17	1	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	1	1	0	0	0	0	0	0	0	0	0	0	0	
	21-23	3	3	3	0	0	0	0	0	0	0	2	1	1	
	ALL HRS	5	4	3	2	0	0	0	0	0	1	3	3	2	10

A W S	STATION NAME: HOOD AAF/KILLEEN TX	FIELD ELEV: 930 FT
	LATITUDE/LONGITUDE: 31 09 N 097 43 W	STATION NSC: 722570
CLIMATIC BRIEF	HOURLY OBS POR: OCT 81 - SEP 91	CALL SIGN: KHLR
	SUMMARY OF DAY POR: NOV 60-DEC 84, SEP 87-SEP 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: OCT 87
MAR 92	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	86	89	96	98	98	103	106	106	101	99	91	85	106	27
MEAN MAX TEMP (F)	56	61	69	77	82	89	93	93	86	78	67	59	76	27
MEAN TEMP (F)	47	51	59	68	73	80	83	84	77	69	58	50	67	27
MEAN MIN TEMP (F)	38	41	49	58	64	71	73	73	68	59	49	41	57	27
EXTRM MIN TEMP (F)	8	15	21	32	45	51	62	62	47	33	22	9	8	27
D/W TEMP GE 100 (F)	0	0	0	0	0	1	2	3	1	0	0	0	7	27
D/W TEMP GE 90 (F)	0	0	1	1	4	16	24	25	12	2	#	0	85	27
D/W TEMP LT 33 (F)	10	5	1	#	0	0	0	0	0	0	1	6	23	27
D/W TEMP LT 20 (F)	1	1	0	0	0	0	0	0	0	0	0	1	3	27
HEATING DEGREE DAYS	541	401	245	38	5	#	0	0	1	46	204	478	1959	30
COOLING DEGREE DAYS	7	6	39	153	289	489	603	612	394	168	39	7	2806	30
MEAN DEWPOINT TEMP (F)	35	38	44	51	62	67	67	67	63	55	47	36	54	10
MEAN WET BULB TEMP (F)	43	45	52	58	66	71	72	73	68	60	53	43	59	10
99.95% WCPA (FT)	1300	1400	1500	1450	1300	1150	1050	1100	1100	1200	1400	1350	1350	10
MEAN REL HUM 07 LST(%)	74.3	73.9	74.7	74.0	82.3	83.2	80.7	79.8	81.9	80.9	79.8	76.7	78.6	10
MEAN REL HUM 13 LST(%)	55.1	53.8	52.1	49.6	57.7	56.3	47.8	46.3	51.6	54.7	55.5	56.6	53.0	10
MAX 24HR PRECIP (IN)	2.25	3.67	2.03	5.54	8.92	3.52	4.16	5.65	4.76	4.74	2.64	2.45	8.92	28
MAX PRECIP (IN)	8.61	5.30	4.34	7.06	13.90	6.32	8.44	13.30	7.43	10.07	4.60	3.63	46.28	28
MEAN PRECIP (IN)	1.96	2.35	2.27	3.19	4.27	2.63	1.30	2.09	3.93	2.64	2.79	1.72	30.68	28
MIN PRECIP (IN)	.32	.51	.72	.21	.98	.05	.02	.20	.09	.23	.14	.14	17.83	28
D/W PRECIP GE .01 (IN)	8	7	8	8	9	7	5	6	8	6	7	7	86	28
D/W PRECIP GT .50 (IN)	1	2	2	2	3	2	1	2	2	2	2	1	22	28
MAX 24HR SNFL (IN)	5.0	7.7	1.2	0	0	0	0	0	0	0	1.2	1.5	7.7	28
MAX SNFL (IN)	5.0	8.2	1.2	0	0	0	0	0	0	0	1.6	1.5	10.2	28
MEAN SNFL (IN)	.6	1.4	.1	0	0	0	0	0	0	0	#	.2	3.2	28
D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	1	#	3	28
D/W SNFL GE 1.5 (IN)	1	1	0	0	0	0	0	0	0	0	0	#	2	28
MAX DLY SNO DEPTH (IN)	4	5	1	0	0	0	0	0	0	0	2	1	5	28
PRVLNG WND DIR (DEG)	35-01	35-01	17-19	17-19	14-16	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10
MEAN WND SPD (KTS)	7	7	8	8	7	6	5	5	6	6	7	7	6	10
MAX WND SPD (KTS)	46	61	47	52	85	48	54	45	48	50	53	48	85	28
SKY COVER GT 5/10 (%)	56.7	57.4	54.9	53.9	59.1	47.4	35.4	33.8	43.7	43.4	51.0	51.8	48.7	10
D/W THUNDERSTORMS	1	1	3	4	6	5	4	5	4	2	1	1	37	28
D/W FOG (VSBY LT 7 MI)	12	10	11	12	14	7	4	5	9	9	10	11	114	28

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	28.0	29.5	27.8	27.2	29.3	13.7	4.1	.7	8.2	19.6	26.3	26.5	20.1	10
	03 - 05	31.7	35.0	29.9	34.6	38.2	22.2	10.9	4.0	18.7	29.5	34.4	28.1	26.4	10
CIG	06 - 08	34.4	37.4	38.9	36.4	38.6	22.1	12.2	6.3	23.6	34.6	36.2	36.2	29.7	10
LT 3000 FT	09 - 11	34.3	37.4	36.2	33.1	32.7	22.1	9.9	4.9	23.0	31.2	32.4	35.5	27.7	10
AND/OR	12 - 14	27.9	28.8	25.4	22.8	18.8	8.0	2.6	1.4	6.4	19.9	19.9	28.2	17.5	10
VSBY	15 - 17	21.1	24.5	17.7	13.8	8.0	2.7	1.9	.4	3.7	11.7	12.5	23.1	11.8	10
LT 3 MI	18 - 20	19.0	22.5	15.6	9.1	8.6	3.0	.6	1.7	4.6	12.3	10.9	24.9	11.1	10
	21 - 23	23.7	22.7	20.3	13.8	11.3	5.2	.5	1.1	5.9	11.7	16.8	26.7	13.3	10
	ALL	27.4	29.7	26.5	23.5	23.0	12.3	5.4	2.6	11.9	21.5	23.3	28.8	19.1	10
	00 - 02	18.1	21.5	13.9	14.9	14.1	5.1	2.7	.3	5.2	13.7	16.8	18.5	12.1	10
	03 - 05	22.3	28.1	18.4	21.5	19.2	9.9	6.2	1.2	9.9	19.6	22.4	19.8	16.5	10
CIG	06 - 08	23.5	28.3	23.8	25.3	21.7	12.0	7.5	4.6	15.2	26.6	22.9	27.1	19.9	10
LT 1500 FT	09 - 11	22.8	24.3	18.2	18.7	12.8	6.1	2.3	2.2	8.5	19.2	17.6	23.8	14.7	10
AND/OR	12 - 14	16.7	17.9	9.8	7.2	5.2	1.0	.7	.4	2.7	9.9	8.0	17.1	8.0	10
VSBY	15 - 17	12.2	14.2	6.3	2.1	2.9	.7	.1	.1	2.2	6.2	5.7	15.7	5.7	10
LT 3 MI	18 - 20	11.1	13.6	6.7	3.1	2.7	1.3	.1	.7	2.8	7.4	5.3	13.9	5.7	10
	21 - 23	14.5	14.6	11.2	5.3	5.3	2.5	.2	.6	3.1	7.5	10.3	17.4	7.7	10
	ALL	17.5	20.2	13.4	12.0	10.3	4.8	2.5	1.3	6.2	13.9	13.2	19.2	10.8	10
	00 - 02	13.5	15.5	10.2	8.6	6.6	2.7	.7	.2	3.4	9.4	8.8	15.1	7.9	10
	03 - 05	16.3	20.1	12.3	12.3	10.7	6.5	3.3	.8	5.0	15.3	13.1	16.4	11.0	10
CIG	06 - 08	18.8	21.3	15.8	18.0	12.7	5.8	4.1	1.6	10.1	20.3	16.4	22.4	13.9	10
LT 1000 FT	09 - 11	17.8	19.6	11.9	12.9	7.5	2.2	1.6	.8	4.6	13.9	11.5	20.4	10.4	10
AND/OR	12 - 14	11.8	14.8	6.4	3.9	3.2	.1	.4	.4	1.2	6.8	4.4	15.2	5.7	10
VSBY	15 - 17	10.2	10.6	4.4	1.2	1.7	.3	.1	.1	1.3	4.7	3.4	12.6	4.2	10
LT 2 MI	18 - 20	9.4	11.5	4.7	2.2	1.3	.6	.0	.1	2.4	4.5	4.4	11.7	4.4	10
	21 - 23	11.9	13.2	5.8	3.3	2.8	1.4	.0	.0	2.4	6.1	6.7	12.8	5.5	10
	ALL	13.7	15.8	8.9	7.7	5.8	2.4	1.3	.5	3.8	10.2	8.5	15.9	7.5	10
	00 - 02	2.3	1.8	1.2	.4	.8	.0	.0	.0	.0	.4	1.6	2.2	.9	10
	03 - 05	3.9	3.3	1.2	.8	.9	.0	.3	.0	.0	2.0	2.7	2.5	1.5	10
CIG	06 - 08	5.3	2.8	1.0	1.3	1.1	.0	.0	.0	.4	4.5	5.4	6.9	2.4	10
LT 200 FT	09 - 11	4.2	2.0	.9	.6	.4	.0	.0	.0	.1	1.7	2.0	3.4	1.3	10
AND/OR	12 - 14	1.1	1.0	.4	.0	.0	.0	.0	.0	.0	.3	.0	1.8	.4	10
VSBY	15 - 17	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.4	10
LT 1/2 MI	18 - 20	1.2	1.1	.0	.1	.0	.1	.0	.0	.0	.2	.4	4.0	.6	10
	21 - 23	1.4	3.1	.0	.7	.0	.0	.0	.0	.0	.4	.8	3.2	.8	10
	ALL	2.5	2.0	.6	.5	.4	.0	.0	.0	.1	1.2	1.6	3.4	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/2	0/1	0/4	0/1	0/0	0/0	0/0	0/8
120NM	0/0	0/0	0/0	0/0	0/0	0/4	1/3	2/7	1/3	0/0	0/0	0/0	4/17
240NM	0/0	0/0	0/0	0/0	0/0	7/9	6/11	11/18	6/13	0/2	0/0	0/0	29/53

REMARKS : @ SUMMARY OF DAY DATA - PART TIME, JUL 70 THRU JAN 90.

A W S	STATION NAME: ROBERT GRAY AAF/FORT HOOD TX	FIELD ELEV: 1015 FT
	LATITUDE/LONGITUDE: 31 04 N 097 50 W	STATION MSC: 722576
CLIMATIC BRIEF	HOURLY OBS POR: OCT 81 - SEP 91	CALL SIGN: KGRK
	SUMMARY OF DAY POR: OCT 50-MAR 61, NOV 63-DEC 66, SEP 68-SEP 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: OCT 87
MAR 92	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@@EXTRM MAX TEMP (F)	86	93	101	98	100	107	109	107	105	101	93	89	109	40
MEAN MAX TEMP (F)	57	61	69	77	83	90	94	94	87	78	67	60	76	40
MEAN TEMP (F)	48	52	59	67	74	81	84	84	78	69	58	51	67	40
MEAN MIN TEMP (F)	38	42	48	57	64	71	74	73	68	59	48	41	57	40
EXTRM MIN TEMP (F)	7	7	16	32	42	55	61	61	42	31	21	-1	-1	40
D/W TEMP GE 100 (F)	0	0	#	0	#	1	3	4	1	#	0	0	9	40
D/W TEMP GE 90 (F)	0	#	1	1	5	18	26	25	14	2	#	0	92	40
D/W TEMP LT 33 (F)	9	5	2	#	0	0	0	0	0	#	2	6	24	40
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	40
HEATING DEGREE DAYS	521	367	212	67	7	0	0	0	3	50	247	449	1923	41
COOLING DEGREE DAYS	5	12	47	122	293	476	602	605	404	176	41	7	2790	41
MEAN DEWPOINT TEMP (F)	34	38	44	51	62	67	67	66	62	55	47	36	53	10
MEAN WET BULB TEMP (F)	41	44	51	58	66	71	72	72	67	60	52	42	58	10
99.95% WCPA (FT)	1350	1500	1550	1500	1400	1250	1150	1150	1250	1300	1450	1450	1400	10
MEAN REL HUM 07 LST(%)	74.9	76.3	74.5	75.6	82.7	83.1	81.0	80.0	81.6	82.0	80.2	77.7	79.1	10
MEAN REL HUM 13 LST(%)	53.6	55.0	51.3	50.4	56.7	55.5	46.1	44.6	50.4	54.1	55.1	56.1	52.4	10
MAX 24HR PRECIP (IN)	2.18	4.09	3.18	3.90	4.50	4.08	3.19	4.81	3.25	5.16	2.72	2.08	5.16	35
MAX PRECIP (IN)	4.59	6.31	4.85	13.23	11.30	11.34	8.33	13.84	6.87	8.50	5.62	5.43	46.19	35
MEAN PRECIP (IN)	1.46	2.26	1.98	2.95	4.42	3.48	1.83	2.39	2.70	3.64	2.08	1.71	31.26	35
MIN PRECIP (IN)	#	.34	.02	.33	1.17	.05	#	#	#	.00	#	#	12.48	35
D/W PRECIP GE .01 (IN)	6	7	7	7	9	6	4	5	7	6	6	6	76	35
D/W PRECIP GT .50 (IN)	1	1	1	2	3	2	1	1	2	2	1	1	18	35
MAX 24HR SNFL (IN)	2.8	2.0	1.0	#	0	0	0	0	0	0	2.2	#	2.8	35
MAX SNFL (IN)	3.9	3.4	1.0	#	0	0	0	0	0	0	3.1	#	5.3	35
MEAN SNFL (IN)	.5	.4	#	#	0	0	0	0	0	0	.2	#	1.3	35
D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	1	0	3	35
D/W SNFL GE 1.5 (IN)	1	#	0	0	0	0	0	0	0	0	#	0	1	35
MAX DLY SNO DEPTH (IN)	3	2	1	0	0	0	0	0	0	0	2	#	3	35
PRVLNG WND DIR (DEG)	35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10
MEAN WND SPD (KTS)	7	7	8	8	8	6	6	6	5	6	6	7	7	10
MAX WND SPD (KTS)	47	50	53	60	61	45	43	47	51	39	58	47	61	31
SKY COVER GT 5/10 (%)	56.5	55.9	54.6	51.7	58.3	47.0	32.9	33.2	41.5	44.5	49.9	53.4	48.1	10
D/W THUNDERSTORMS	1	2	4	5	8	6	4	5	4	3	2	1	45	35
D/W FOG (VSBY LT 7 MI)	11	10	9	10	10	5	3	4	7	9	9	9	96	35

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	00 - 02	27.8	29.4	29.9	26.7	24.8	11.7	4.1	1.4	10.8	23.8	28.3	31.7	20.9	10
	03 - 05	31.5	34.4	36.1	32.7	37.8	24.7	10.9	4.2	19.4	31.0	33.9	34.6	27.6	10
	06 - 08	33.1	38.5	37.3	36.0	39.2	23.2	11.4	5.3	23.1	33.8	36.6	35.1	29.4	10
	09 - 11	31.0	37.0	33.7	29.7	30.9	17.4	6.0	4.7	19.7	27.1	28.9	32.4	24.9	10
	12 - 14	25.3	29.0	23.5	20.0	15.1	6.9	1.8	2.0	5.9	18.2	20.1	26.2	16.2	10
	15 - 17	17.7	22.8	14.7	11.4	8.0	3.3	1.2	.6	3.9	10.0	13.7	22.8	10.8	10
	18 - 20	16.3	20.4	13.0	9.4	6.5	2.6	.6	1.3	4.8	10.1	12.7	21.5	9.9	10
	21 - 23	21.3	22.6	17.8	16.3	9.8	4.3	.8	1.0	4.8	13.9	18.9	27.3	13.2	10
	ALL	25.5	29.3	25.8	22.8	21.5	11.8	4.6	2.6	11.6	21.0	24.1	29.0	19.1	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	19.4	19.9	17.8	16.4	12.6	4.0	1.8	1.0	5.8	14.9	17.8	23.7	12.9	10
	03 - 05	22.3	23.6	22.2	19.4	19.6	10.6	6.6	2.2	10.4	21.1	21.8	25.8	17.1	10
	06 - 08	24.0	27.5	23.5	24.3	23.7	13.0	6.7	3.2	14.3	26.5	23.6	26.1	19.7	10
	09 - 11	22.0	24.9	18.4	16.0	13.5	6.6	1.8	2.5	9.9	16.6	15.8	24.1	14.3	10
	12 - 14	15.5	17.3	10.4	6.9	5.5	1.6	1.1	1.1	3.6	9.1	8.4	18.2	8.2	10
	15 - 17	10.9	13.7	7.6	4.6	2.8	.8	.2	.1	2.8	6.9	5.8	14.4	5.9	10
	18 - 20	10.8	12.8	7.2	3.4	3.1	1.1	.4	.4	2.7	6.9	7.1	14.8	5.9	10
	21 - 23	14.8	15.8	10.4	7.0	4.2	1.9	.5	.4	2.6	9.9	10.9	19.2	8.1	10
	ALL	17.4	19.4	14.7	12.3	10.6	4.9	2.4	1.4	6.5	14.0	13.9	20.8	11.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	14.2	13.2	10.0	9.4	5.6	2.2	1.2	.5	3.7	11.5	10.2	19.5	8.4	10
	03 - 05	17.2	18.4	13.7	12.9	11.0	6.4	3.2	.8	6.4	15.8	14.8	20.8	11.8	10
	06 - 08	18.1	21.5	15.7	17.4	14.5	6.9	4.4	1.7	10.2	20.2	17.1	23.3	14.2	10
	09 - 11	16.0	18.1	10.9	10.1	7.2	3.0	1.3	.6	4.6	12.3	11.4	20.0	9.6	10
	12 - 14	10.6	12.2	6.5	4.4	2.6	.9	.5	.6	2.0	6.7	5.2	13.5	5.5	10
	15 - 17	8.0	9.1	4.6	2.0	1.7	.4	.0	.0	1.1	4.0	4.7	10.8	3.9	10
	18 - 20	8.5	9.0	4.3	2.0	1.3	.4	.2	.1	1.7	4.6	5.6	11.1	4.1	10
	21 - 23	11.1	11.7	4.8	3.4	2.0	1.7	.3	.1	1.9	7.2	7.6	14.6	5.5	10
	ALL	13.0	14.2	8.8	7.7	5.7	2.7	1.4	.6	3.9	10.3	9.6	16.7	7.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.3	2.5	1.0	.9	.0	.0	.1	.0	.1	1.1	2.3	3.3	1.3	10
	03 - 05	6.6	3.5	.9	1.1	.8	.2	.0	.0	.1	1.8	4.0	4.2	1.9	10
	06 - 08	6.3	3.7	1.5	2.3	1.1	.4	.0	.0	.6	3.2	5.6	5.1	2.5	10
	09 - 11	2.8	2.1	.6	.4	.5	.0	.0	.0	.1	1.6	2.1	2.9	1.1	10
	12 - 14	.6	.2	.5	.0	.0	.0	.0	.0	.0	.1	.9	1.0	.3	10
	15 - 17	1.3	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.7	1.9	.4	10
	18 - 20	1.9	1.4	.1	.1	.0	.0	.0	.0	.0	.1	1.0	2.9	.6	10
	21 - 23	2.2	3.1	.4	.7	.0	.0	.0	.0	.0	.5	1.7	3.0	1.0	10
	ALL	3.3	2.2	.7	.7	.3	.1	.0	.0	.1	1.1	2.3	3.0	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/1	0/2	0/3	0/1	0/0	0/0	0/0	0/7
120NM	0/0	0/0	0/0	0/0	0/0	0/4	1/3	2/8	1/3	0/0	0/0	0/0	4/18
240NM	0/0	0/0	0/0	0/0	0/0	7/10	6/11	11/18	7/13	0/2	0/0	0/0	31/54

REMARKS : @@THE MAX TEMP FOR MARCH WAS VERIFIED BY ORIGINAL RECORD. SUMMARY OF DAY DATA - PART TIME, SEP 60 THRU JUN 7

AWS CLIMATIC BRIEF

JAMES CONNALLY/WACO, TEXAS — PERIOD: 1942-64B — WBAN # 13928 — WMO # —

Prepared by ETAC (MAR 1971) — N 31 38 W 97 04 — ELEVATION: 479 ft — STN LTRS: KWAO

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (GUST) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (TENTHS)
JAN	90	57	37	-7	2.1	1.9	1	6	S	8	47	81	60	37	.22	900	7	1	#	#	1	12	#	1	10	#	6
FEB	90	63	42	7	2.7	2.0	1	3	S	8	42	82	59	41	.26	1000	8	2	1	#	3	11	#	1	5	0	6
MAR	93	69	47	14	2.4	3.4	#	1	S	9	61	78	52	44	.29	1050	7	1	#	0	3	9	#	5	2	0	6
APR	98	77	56	33	3.4	2.8	0	0	S	9	54	81	53	53	.40	1000	7	2	0	0	5	8	1	13	0	0	6
MAY	99	85	65	43	4.2	4.5	0	0	S	8	51	85	54	62	.56	850	7	3	0	0	6	8	[illegible]	[illegible]	0	0	6
JUN	102	92	72	58	3.0	3.1	0	0	S	8	47	85	51	68	.69	750	6	2	0	0	6	4	[illegible]	[illegible]	0	0	5
JUL	109	96	75	65	1.8	2.8	0	0	S	7	50	81	46	69	.71	650	4	1	0	0	4	2	28	31		0	4
AUG	107	96	74	59	2.1	8.3	0	0	S	7	51	78	44	68	.69	700	4	2	0	0	4	2	27	31	0	0	4
SEP	105	89	68	41	3.0	4.9	0	0	S	6	50	80	48	63	.58	750	6	2	0	0	3	6	17	27	0	0	4
OCT	96	80	58	35	2.9	3.9	0	0	S	7	43	81	48	54	.42	1050	6	2	0	0	3	8	4	16	0	0	4
NOV	89	68	46	20	2.3	3.5	#	#	S	8	45	79	51	44	.29	950	6	2	0	0	2	8	0	5	2	0	5
DEC	85	60	39	13	2.4	2.6	#	1	S	8	43	80	57	38	.23	900	6	2	#	0	1	9	0	1	7	0	5
ANN	109	78	57	-7	32.3	8.3	2	6	S	8	61	81	52	54	.42	950	74	22	1	#	41	87	107	157	26	#	5
EYR	19	19	19	19	19	19	15	15	20	20	14	20	20	20	20	15	19	19	15	15	15	15	19	19	19	19	16

REMARKS

	JAN A/B	FEB A/B	MAR A/B	APR A/B	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
Number Observed Within: (POR: 1900-1970) 60 NM						0/0	1/0	0/0	1/0	0/0			2/0
(A) Hurricanes/Tropical Storms 120 NM						0/0	2/1	3/1	4/2	1/1			10/5
(B) Hurricanes Only 240 NM						9/5	8/4	15/10	16/6	3/1			51/26

RUSSWO POR: Hrly Obs: 5/42-10/45, 12/48-12/64. Daily Obs: 5/42-10/45, 12/48-5/64.

NOTE; *DATA NOT AVAILABLE. @LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	32	31	27	26	20	9	3	2	9	12	21	27	18	
	03-05	37	36	35	38	33	23	10	7	19	19	26	30	26	
	06-08	41	41	37	43	41	34	17	14	24	24	30	33	32	
	09-11	39	40	34	38	33	28	14	13	23	23	27	32	29	
	12-14	32	34	26	26	17	9	5	5	11	14	20	27	19	
	15-17	26	25	18	14	10	4	2	2	6	8	14	22	13	
	18-20	24	21	15	10	7	4	1	1	5	7	12	20	11	
	21-23	26	22	16	15	8	3	1	1	5	8	14	22	12	
	ALL HOURS	32	31	26	26	21	14	7	6	13	14	20	27	20	20
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	23	21	14	12	9	4	2	2	5	7	12	18	10	
	03-05	27	26	21	21	16	12	5	5	12	13	16	22	16	
	06-08	31	30	25	27	25	21	11	10	18	18	21	27	22	
	09-11	29	29	21	18	12	7	4	4	11	12	17	23	16	
	12-14	20	20	12	8	5	2	1	1	3	5	8	17	9	
	15-17	17	14	8	6	4	2	1	1	3	3	7	14	7	
	18-20	16	13	7	6	3	2	#	1	2	4	7	13	6	
	21-23	18	13	9	7	4	2	#	#	2	5	8	15	7	
	ALL HOURS	23	21	15	13	10	6	3	3	7	8	12	18	11	20
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	17	15	8	6	3	2	1	1	3	3	8	13	7	
	03-05	21	19	13	9	7	6	2	2	7	8	12	16	10	
	06-08	23	22	17	15	11	8	6	6	11	13	15	20	14	
	09-11	22	20	14	8	5	2	1	2	4	7	10	17	9	
	12-14	14	11	6	4	3	1	#	#	2	2	6	12	5	
	15-17	12	8	5	4	2	1	#	#	1	2	6	8	4	
	18-20	11	8	4	4	2	1	#	#	1	2	5	8	4	
	21-23	14	10	5	4	2	1	#	#	1	2	5	11	5	
	ALL HOURS	17	14	9	7	4	3	1	2	4	5	8	13	7	20
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	4	2	2	#	#	#	0	#	#	#	1	3	1	
	03-05	6	4	3	1	1	#	#	#	1	1	3	4	2	
	06-08	7	5	3	1	1	0	#	0	1	2	4	5	2	
	09-11	4	3	1	#	#	0	0	0	#	#	1	2	1	
	12-14	1	#	#	#	0	#	0	#	0	0	#	1	#	
	15-17	1	#	#	#	#	#	#	0	0	#	#	#	#	
	18-20	2	1	#	#	#	0	#	#	#	#	#	1	#	
	21-23	3	2	1	0	#	#	0	#	0	#	1	2	1	
	ALL HOURS	3	2	1	1	#	#	#	#	#	1	1	2	1	20

A W S	STATION NAME: KELLY AFB TX	FIELD ELEV: 690 FT
	LATITUDE/LONGTUDE: 29 23 N 098 35 W	STATION MSC: 722535
CLIMATIC BRIEF	HOURLY OBS POR: APR 80 - MAR 90	CALL SIGN: KSKF
	SUMMARY OF DAY POR: SEP 37 - MAR 90	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: NOV 85
AUG 90	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	90	96	101	108	104	107	108	107	104	100	93	89	108	54
MEAN MAX TEMP (F)	62	66	74	80	86	92	95	95	90	82	71	64	80	54
MEAN TEMP (F)	51	55	63	70	77	82	85	85	80	71	61	54	70	54
MEAN MIN TEMP (F)	41	45	51	60	67	73	75	74	70	61	50	43	59	54
EXTRM MIN TEMP (F)	4	9	21	31	46	55	62	59	41	34	21	9	4	54
D/W TEMP GE 100 (F)	0	0	#	#	1	1	4	5	1	#	0	0	12	54
D/W TEMP GE 90 (F)	#	1	1	3	9	22	28	27	17	4	1	31	144	54
D/W TEMP LT 33 (F)	6	3	1	#	0	0	0	0	0	0	1	4	15	54
D/W TEMP LT 20 (F)	1	#	0	0	0	0	0	0	0	0	0	1	2	54
HEATING DEGREE DAYS	417	279	140	31	1	0	0	0	#	22	173	341	1404	53
COOLING DEGREE DAYS	12	23	82	198	377	536	633	631	460	236	63	16	3267	53
MEAN DEWPOINT TEMP (F)	38	41	48	52	63	68	68	69	65	58	49	39	55	10
MEAN WET BULB TEMP (F)	45	48	55	60	68	72	73	74	70	63	55	46	61	10
99.95% WCPA (FT)	1050	1150	1250	1150	1050	950	850	850	900	1000	1100	1150	1100	10
MEAN REL HUM 07 LST(%)	72.2	75.2	75.8	72.5	78.9	79.7	79.8	81.9	80.6	78.8	76.7	70.9	76.9	10
MEAN REL HUM 13 LST(%)	54.0	55.1	53.1	47.5	55.4	54.4	47.5	46.2	51.1	53.6	54.7	54.4	52.2	10
MAX 24HR PRECIP (IN)	3.49	2.41	3.34	3.43	4.67	4.74	3.99	4.94	8.05	4.95	4.28	3.66	8.05	54
MAX PRECIP (IN)	9.04	5.89	3.72	10.19	10.24	13.51	6.12	15.07	13.50	9.02	5.06	6.39	48.28	54
MEAN PRECIP (IN)	1.44	1.74	1.35	2.36	3.61	3.08	1.61	2.62	3.77	3.13	1.85	1.34	28.08	54
MIN PRECIP (IN)	.02	#	.03	.06	.08	#	#	#	.06	.00	#	.01	8.96	54
D/W PRECIP GE .01 (IN)	7	7	6	7	8	6	4	5	6	6	6	7	75	54
D/W PRECIP GT .50 (IN)	1	1	1	2	2	2	1	1	2	2	1	1	17	54
MAX 24HR SNFL (IN)	13.7	2.5	#	0	0	0	0	0	0	0	#	#	13.7	44
MAX SNFL (IN)	20.0	3.9	#	0	0	0	0	0	0	0	#	#	20.0	44
MEAN SNFL (IN)	.6	.2	#	0	0	0	0	0	0	0	#	#	.8	44
D/W SNFL GE .1 (IN)	1	1	0	0	0	0	0	0	0	0	0	0	2	44
D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	44
MAX DLY SN DEPTH (IN)	12	4	0	0	0	0	0	0	0	0	0	#	12	44
PRVLNG WND DIR (DEG)	$02-04	$35-01	14-16	14-16	14-16	14-16	14-16	14-16	$14-16	$14-16	$35-01	$02-04	14-16	10
MEAN WND SPD (KTS)	5	6	6	6	7	6	5	5	5	5	5	5	5	10
MAX WND SPD (KTS)	55	50	55	57	66	65	51	70	50	60	59	69	70	43
SKY COVER GT 5/10 (%)	56.4	57.3	56.1	56.4	62.1	49.7	35.7	36.0	40.4	45.8	54.1	56.0	50.4	10
D/W THUNDERSTORMS	1	2	2	4	6	5	3	5	4	3	1	1	37	41
D/W FOG (VSBY LT 7 MI)	13	12	12	13	13	6	3	3	8	11	12	12	118	41

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	30.4	35.9	39.6	35.2	41.6	34.7	12.6	11.1	21.1	30.1	36.6	33.4	30.2	10
	03 - 05	34.9	43.5	48.7	47.2	59.7	57.7	42.0	32.2	37.7	39.2	45.0	37.8	43.8	10
CIG	06 - 08	37.2	44.0	49.6	49.3	59.2	60.4	47.4	39.7	40.4	43.9	46.1	39.8	46.4	10
LT 3000 FT	09 - 11	33.7	43.5	44.6	41.6	42.9	32.6	15.6	14.6	25.2	34.7	40.9	38.6	34.0	10
AND/OR	12 - 14	26.9	33.6	27.5	20.8	16.5	7.4	2.3	1.6	5.4	13.5	23.4	27.4	17.2	10
VSBY	15 - 17	18.5	21.9	13.2	9.6	5.9	3.6	.9	1.1	2.7	6.9	14.0	21.1	9.9	10
LT 3 MI	18 - 20	17.0	18.4	12.3	8.7	7.7	1.3	.5	1.0	3.3	6.3	16.2	21.1	9.5	10
	21 - 23	24.2	27.0	25.4	18.0	18.8	7.4	1.7	2.0	5.6	16.7	24.1	27.0	16.5	10
	ALL	27.8	33.5	32.6	28.8	31.5	25.6	15.4	12.9	17.7	23.9	30.8	30.8	25.9	10
	00 - 02	19.0	25.9	28.0	23.1	26.8	15.3	5.8	6.0	11.2	17.5	24.3	23.4	18.9	10
	03 - 05	23.5	33.1	36.0	31.2	41.7	34.8	27.5	19.7	23.4	25.3	30.4	26.7	29.4	10
CIG	06 - 08	26.0	34.3	37.8	33.7	36.6	33.6	30.0	24.3	26.2	31.4	31.8	27.8	31.1	10
LT 1500 FT	09 - 11	23.1	30.9	27.3	19.4	14.4	6.3	2.9	2.7	7.3	17.2	24.4	24.9	16.7	10
AND/OR	12 - 14	14.2	18.4	10.4	5.9	3.5	1.6	.6	.4	.8	4.7	9.2	13.7	6.9	10
VSBY	15 - 17	8.8	12.2	4.7	3.0	1.3	1.8	.3	.9	.9	2.5	5.7	11.2	4.4	10
LT 3 MI	18 - 20	8.9	10.9	4.3	3.3	1.7	.6	.3	.6	1.6	2.3	5.6	11.5	4.3	10
	21 - 23	13.1	17.0	13.2	8.3	6.3	2.6	.6	1.3	2.1	6.9	12.2	18.4	8.5	10
	ALL	17.1	22.8	20.2	16.0	16.5	12.1	8.5	7.0	9.2	13.5	18.0	19.7	15.0	10
	00 - 02	14.9	16.9	15.4	8.6	7.5	5.4	1.0	.9	2.2	6.2	14.4	17.7	9.3	10
	03 - 05	18.0	23.4	21.7	15.9	16.6	15.1	4.3	1.9	5.0	12.8	21.2	21.2	14.8	10
CIG	06 - 08	20.4	24.0	26.3	20.6	15.7	12.3	6.3	3.4	8.1	15.8	22.1	21.1	16.3	10
LT 1000 FT	09 - 11	16.1	18.9	14.6	7.3	4.7	1.1	.5	.5	1.0	7.1	14.6	16.6	8.6	10
AND/OR	12 - 14	7.7	9.0	4.2	1.9	1.8	.3	.0	.1	.4	1.5	4.2	8.3	3.3	10
VSBY	15 - 17	4.7	7.7	2.3	.9	.3	.4	.1	.4	.4	.8	2.3	6.7	2.2	10
LT 2 MI	18 - 20	6.2	7.9	2.9	1.7	.5	.4	.0	.3	.4	1.4	3.2	6.2	2.6	10
	21 - 23	9.6	9.2	5.4	3.3	1.5	.9	.2	.5	.4	2.0	8.0	10.4	4.3	10
	ALL	12.2	14.6	11.6	7.5	6.1	4.5	1.6	1.0	2.3	6.0	11.3	13.5	7.6	10
	00 - 02	2.9	1.1	.5	.0	.2	.0	.0	.0	.0	.1	1.2	3.3	.8	10
	03 - 05	4.4	1.8	1.2	.9	.1	.0	.0	.0	.0	.4	4.0	5.9	1.6	10
CIG	06 - 08	5.4	3.0	1.2	1.2	.0	.0	.0	.0	.0	1.1	4.7	4.9	1.8	10
LT 200 FT	09 - 11	3.0	1.1	.1	.0	.0	.0	.0	.0	.0	.0	1.3	2.5	.7	10
AND/OR	12 - 14	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	10
VSBY	15 - 17	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
LT 1/2 MI	18 - 20	.4	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.1	10
	21 - 23	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.3	10
	ALL	2.2	1.0	.4	.3	.0	.0	.0	.0	.0	.2	1.4	2.3	.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/2	1/2	0/1	0/1	0/0	0/0	0/0	1/6
120NM	0/0	0/0	0/0	0/0	0/0	4/7	2/6	1/5	2/4	0/1	0/0	0/0	9/23
240NM	0/0	0/0	0/0	0/0	0/0	7/10	7/12	14/19	10/13	1/2	0/0	0/0	39/56

REMARKS : NONE

AWS CLIMATIC BRIEF

KINGSVILLE NAS (NORTH), TEXAS — PERIOD 1951-67 — WBAN # 12928 — WMO #

Prepared by ETAC (JUL 1971) — N 27 30 W 97 49 — ELEVATION: 60 ft — STN LTRS KNQI

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) (GUST) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	89	67	47	17	1.6	3.0	#	2	N	8	50	86	62	48	.34	500	7	1	#	#	1	15	0	4	2	0	6
FEB	95	71	50	28	1.8	3.0	#	#	SE	9	53	85	59	51	.38	550	6	1	0	0	1	13	1	6	1	0	6
MAR	101	76	57	34	0.7	1.2	0	0	SE	10	69	85	56	56	.45	650	4	#	0	0	1	14	2	13	0	0	7
APR	103	83	65	43	1.3	1.9	0	0	SE	11	56	88	58	63	.58	600	5	1	0	0	3	12	4	22	0	0	7
MAY	105	87	70	48	2.7	3.1	0	0	SE	10	55	89	57	69	.71	500	5	2	0	0	4	11	9	29	0	0	6
JUN	101	92	75	60	2.4	2.9	0	0	SE	10	46	90	56	73	.82	350	6	1	0	0	4	5	23	30	0	0	5
JUL	105	94	76	65	1.3	2.0	0	0	SE	9	43	89	51	73	.82	250	3	1	0	0	3	4	29	31	0	0	4
AUG	105	94	76	66	2.8	3.6	0	0	SE	8	42	89	52	73	.82	300	5	2	0	0	5	4	28	31	0	0	4
SEP	102	90	73	54	4.4	6.9	0	0	SE	7	79	90	58	71	.76	400	9	3	0	0	5	8	19	29	0	0	4
OCT	96	84	64	40	2.5	2.8	0	0	SE	7	54	87	54	63	.58	400	6	2	0	0	2	12	5	25	0	0	4
NOV	92	75	56	32	1.0	1.6	0	0	N	8	52	85	57	55	.44	500	5	#	0	0	1	13	1	12	#	0	5
DEC	91	69	49	28	1.3	3.5	#	#	N	8	49	84	59	49	.35	500	6	1	0	0	1	14	#	5	1	0	6
ANN	105	82	63	17	23.8	6.9	#	2	SE	9	79	88	57	62	.56	550	67	15	#	#	31	125	121	237	4	0	5
EYR	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

REMARKS

		Jun	Jul	Aug	Sep	Oct	Ann
Number Observed Within:		A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1971)	60 NM	6/3	2/1	3/3	6/3	1/1	18/11
(A) Hurricanes/Tropical Storms	120 NM	11/6	4/1	9/7	11/7	2/2	37/23
(B) Hurricanes Only	240 NM	14/7	8/5	17/11	21/10	5/2	65/35

SMOS (Navy) POR: Hrly and Daily Obs: Sep 51 - Dec 67.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	33	34	37	46	30	11	4	3	8	11	27	31	23	
	03 - 05	39	40	42	49	32	14	4	5	12	13	34	38	27	
	06 - 08	43	46	47	52	41	27	12	11	17	18	38	39	33	
	09 - 11	38	42	43	53	52	54	39	31	39	28	36	35	41	
	12 - 14	33	36	30	32	35	34	23	20	32	25	31	30	30	
	15 - 17	25	25	19	17	16	13	6	8	15	11	22	22	17	
	18 - 20	24	23	18	24	17	8	2	2	7	7	17	20	14	
	21 - 23	27	26	28	38	24	9	2	2	6	8	21	23	18	
	ALL HOURS	33	34	33	39	31	21	11	10	17	15	28	30	25	16
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	25	24	25	34	18	4	#	1	3	6	17	22	15	
	03 - 05	31	31	30	34	21	6	1	1	6	8	24	29	19	
	06 - 08	35	35	33	37	24	10	4	4	8	13	30	31	22	
	09 - 11	29	30	21	19	10	6	1	4	8	9	20	24	15	
	12 - 14	20	18	9	8	4	2	1	3	6	6	11	15	9	
	15 - 17	15	14	6	7	4	2	1	2	5	4	9	12	7	
	18 - 20	17	14	11	17	8	2	1	1	3	4	9	14	8	
	21 - 23	20	18	19	31	16	3	1	1	3	5	13	15	12	
	ALL HOURS	24	23	19	24	13	4	1	2	5	7	17	20	13	16
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	20	18	17	20	7	1	#	1	2	4	12	17	10	
	03 - 05	25	23	21	20	9	2	#	1	3	5	18	22	12	
	06 - 08	29	27	23	22	10	3	1	3	4	9	22	26	15	
	09 - 11	22	19	12	8	3	1	#	2	3	4	13	19	9	
	12 - 14	13	11	4	4	2	#	1	1	3	2	7	10	5	
	15 - 17	10	11	3	3	2	1	1	1	2	2	6	8	4	
	18 - 20	13	10	7	8	3	#	0	#	2	2	5	10	5	
	21 - 23	16	14	14	17	5	1	#	#	1	3	8	12	8	
	ALL HOURS	19	17	13	13	5	1	#	1	3	4	12	15	8	16
CIG less than 200 feet and / or VSBY less than ½ mile	00 - 02	7	4	4	2	#	0	0	0	0	1	4	5	2	
	03 - 05	9	6	6	3	1	0	0	#	#	1	7	7	3	
	06 - 08	10	7	5	3	1	0	#	1	1	2	7	8	4	
	09 - 11	3	2	1	#	#	#	0	0	#	#	2	3	1	
	12 - 14	#	1	0	0	0	0	#	#	#	#	0	0	#	
	15 - 17	#	#	#	0	#	0	0	#	#	0	0	0	#	
	18 - 20	2	1	#	#	0	#	0	0	#	#	#	1	#	
	21 - 23	5	2	1	#	0	0	0	0	#	#	1	2	1	
	ALL HOURS	5	3	2	1	#	#	#	#	#	1	3	3	2	16

AWS CLIMATIC BRIEF

LAREDO AFB/LAREDO, TEXAS — PERIOD 1931-67B — WBAN # 12907 — WMO # 72252

Prepared by ETAC (AUG 1970) — N 27 33 — W 99 28 — ELEVATION 518 ft — STN LTRS: KLRD

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX WIND) SPEED	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (feet) 99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	93	68	47	18	1.1	2.1	#	2	SE	8	40	79	53	43	.28	950	6	#	#	#	#	10	1	6	3	0	6
FEB	98	73	51	18	0.9	2.1	#	#	SE	9	40	79	51	46	.31	1000	6	1	0	0	1	9	2	9	1	0	5
MAR	105	80	56	28	0.6	0.8	#	#	SE	10	40	75	45	50	.36	1100	4	#	0	0	1	6	6	17	#	0	6
APR	109	87	63	37	1.6	5.6	0	0	SE	11	47	78	44	58	.48	1100	4	1	0	0	3	5	15	25	0	0	6
MAY	110	92	70	53	2.8	4.1	0	0	SE	12	40	81	46	65	.62	950	6	1	0	0	5	3	24	30	0	0	5
JUN	109	97	75	59	2.0	4.3	0	0	SE	12	40	82	43	68	.68	950	4	1	0	0	4	1	28	30	0	0	4
JUL	110	99	76	70	1.4	1.4	0	0	SE	12	40	79	38	68	.68	750	3	#	0	0	3	#	31	31	0	0	3
AUG	108	99	76	68	1.7	4.9	0	0	SE	11	40	79	39	68	.68	750	5	1	0	0	3	#	30	31	0	0	4
SEP	106	93	72	54	2.9	4.1	0	0	SE	9	40	82	45	67	.66	850	7	1	0	0	5	2	25	29	0	0	4
OCT	103	86	65	42	1.6	2.7	0	0	SE	9	33	81	46	60	.52	900	5	1	0	0	2	5	12	27	0	0	4
NOV	97	76	54	31	0.9	1.9	#	#	SE	8	40	78	49	50	.36	1000	5	1	0	0	1	8	2	12	#	0	5
DEC	95	70	48	26	1.2	1.4	#	1	SE	8	33	79	53	45	.30	950	6	#	#	0	#	11	#	5	1	0	5
ANN	110	85	63	18	18.7	5.6	#	2	SE	10	47	79	46	57	.47	1000	61	8	#	#	28	60	176	252	5	0	5
EYR	22	30	30	22	30	22	20	20	23	23	23	23	23	23	23	20	22	22	20	20	20	20	22	22	22	22	21

REMARKS

(MAX WIND) refers to the highest hourly wind speed class interval

NUSSMO POR: Hourly Obs: Jan 43-Feb 45, Sep 46-Aug 67
Daily Obs: Jan 43-Feb 45, Sep 46-Feb 65, Apr 65-Dec 65, Feb 66-May 66

NOTE; *DATA NOT AVAILABLE, §LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	23	25	20	20	17	10	1	2	7	11	17	23	15	
	03-05	32	34	29	32	28	17	4	4	12	17	26	29	22	
	06-08	39	40	38	38	34	27	8	9	16	21	33	37	28	
	09-11	36	37	32	31	31	21	6	8	17	20	30	34	25	
	12-14	26	27	17	13	10	4	1	3	6	10	18	24	13	
	15-17	18	17	9	6	3	2	1	1	4	5	12	17	8	
	18-20	16	15	8	6	3	1	1	1	4	4	11	16	7	
	21-23	19	18	10	10	5	2	1	2	4	5	12	19	9	
	ALL HOURS	26	26	20	19	17	10	3	4	9	12	20	25	16	23
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	18	17	11	8	4	2	#	1	4	5	9	16	8	
	03-05	25	24	19	15	9	5	1	3	6	11	18	22	13	
	06-08	33	30	25	21	13	10	3	5	11	14	25	30	18	
	09-11	28	26	17	10	6	2	1	3	6	7	20	25	13	
	12-14	17	16	6	4	2	1	0	1	3	4	9	14	6	
	15-17	11	9	4	3	1	#	#	#	2	2	6	10	4	
	18-20	11	8	4	3	1	#	#	#	2	2	6	9	4	
	21-23	14	12	5	4	1	#	#	#	2	3	7	11	5	
	ALL HOURS	20	18	11	8	5	3	1	2	5	6	12	17	9	23
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	13	12	6	3	1	1	0	#	2	2	7	12	5	
	03-05	20	17	10	6	3	1	#	1	3	5	13	16	8	
	06-08	26	23	14	9	5	3	1	3	7	9	19	23	12	
	09-11	22	17	8	5	2	#	#	1	3	4	13	19	8	
	12-14	12	10	3	3	1	#	0	0	2	2	5	10	4	
	15-17	7	6	2	2	1	#	#	#	1	1	4	6	3	
	18-20	7	6	2	2	1	#	#	0	1	2	4	6	3	
	21-23	10	8	3	2	1	#	0	#	1	1	5	9	3	
	ALL HOURS	15	12	6	4	2	1	#	1	3	3	9	13	6	23
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	2	1	#	#	0	#	0	0	#	#	#	2	#	
	03-05	5	2	1	1	#	0	0	0	#	1	2	3	1	
	06-08	8	5	1	1	#	0	0	0	#	1	3	7	2	
	09-11	3	1	#	0	0	0	0	0	0	0	#	2	1	
	12-14	#	0	0	#	#	#	0	0	0	0	#	#	#	
	15-17	#	0	0	0	0	0	#	0	0	0	0	0	#	
	18-20	#	#	0	0	#	0	0	0	0	0	0	#	#	
	21-23	1	#	#	0	0	0	0	0	#	0	#	1	#	
	ALL HOURS	2	1	#	#	#	#	#	0	#	#	1	2	1	23

A W S	STATION NAME: LAUGHLIN AFB/DEL RIO TX	FIELD ELEV: 1082 FT
	LATITUDE/LONGITUDE: 29 22 N 100 47 W	STATION NSC: 722615
CLIMATIC BRIEF	HOURLY OBS FOR: JAN 82 - DEC 91	CALL SIGN: KDLF
	SUMMARY OF DAY FOR: FEB 43-SEP 45, APR 51-DEC 91	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: MAY 87
AUG 92	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	88	93	102	104	107	111	110	108	106	102	95	90	111	42
MEAN MAX TEMP (F)	61	66	74	82	87	93	96	95	89	81	70	63	80	42
MEAN TEMP (F)	51	56	63	71	77	83	86	85	80	71	60	53	70	42
MEAN MIN TEMP (F)	41	45	52	60	67	73	75	75	70	61	50	42	59	42
EXTRM MIN TEMP (F)	8	16	25	30	44	51	64	61	49	33	22	14	8	42
D/W TEMP GE 100 (F)	0	0	#	1	1	4	7	6	1	#	0	0	20	42
D/W TEMP GE 90 (F)	0	1	1	6	12	23	28	27	17	3	1	#	119	42
D/W TEMP LT 33 (F)	6	3	1	#	0	0	0	0	0	0	1	4	15	42
D/W TEMP LT 20 (F)	1	#	0	0	0	0	0	0	0	0	0	1	2	42
HEATING DEGREE DAYS	432	268	130	28	#	0	0	0	1	27	186	363	1435	38
COOLING DEGREE DAYS	4	21	80	207	397	557	636	639	470	228	44	5	3288	38
MEAN DEWPOINT TEMP (F)	35	38	42	49	60	65	65	65	62	55	45	36	51	10
MEAN WET BULB TEMP (F)	43	47	52	58	66	71	71	71	68	61	53	45	59	10
99.95% WCPA (FT)	1500	1550	1650	1600	1550	1400	1300	1300	1400	1450	1500	1550	1550	10
MEAN REL HUM 07 LST(%)	70.7	70.4	69.5	69.7	76.0	76.4	75.1	74.6	77.7	77.7	74.7	70.3	73.6	10
MEAN REL HUM 13 LST(%)	49.1	48.4	45.3	44.3	50.2	50.2	47.2	45.7	51.1	51.7	50.9	50.4	48.7	10
MAX 24HR PRECIP (IN)	2.07	2.42	1.61	3.51	5.72	4.67	6.46	3.74	4.61	5.80	2.84	1.20	6.46	38
MAX PRECIP (IN)	4.25	3.42	2.63	7.89	8.62	8.54	15.17	7.49	7.61	8.37	5.90	2.84	35.62	38
MEAN PRECIP (IN)	.66	.95	.70	1.86	2.51	2.55	2.26	1.53	2.14	2.55	1.00	.69	19.70	38
MIN PRECIP (IN)	#	#	#	#	.02	.01	#	.00	.02	#	#	#	4.68	38
D/W PRECIP GE .01 (IN)	5	4	4	5	7	5	4	3	5	5	4	5	56	38
D/W PRECIP GT .50 (IN)	1	1	1	1	2	2	1	1	1	1	1	1	14	38
MAX 24HR SNFL (IN)	9.0	5.5	1.4	0	0	0	0	0	0	0	#	#	9.0	41
MAX SNFL (IN)	11.5	5.5	1.4	0	0	0	0	0	0	0	#	#	11.5	41
MEAN SNFL (IN)	.4	.2	#	0	0	0	0	0	0	0	#	#	.7	41
D/W SNFL GE .1 (IN)	1	#	#	0	0	0	0	0	0	0	0	0	1	41
D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	41
MAX DLY SNO DEPTH (IN)	10	3	1	0	0	0	0	0	0	0	0	0	10	41
PRVLNG WND DIR (DEG)	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	10
MEAN WND SPD (KTS)	5	6	7	7	8	7	7	6	6	5	5	5	6	10
MAX WND SPD (KTS)	47	51	47	97	72	71	62	73	60	63	46	53	97	33
SKY COVER GT 5/10 (%)	50.0	48.0	46.6	48.7	54.0	43.5	36.5	31.7	42.1	41.1	47.3	51.5	45.1	10
D/W THUNDERSTORMS	1	1	2	4	7	5	3	3	3	3	1	1	34	38
D/W FOG (VSBY LT 7 MI)	11	9	8	8	7	3	1	1	3	7	9	10	77	38

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	19.2	20.2	16.2	15.1	14.8	7.0	4.0	1.4	6.0	9.6	15.7	24.0	12.8	10
	03 - 05	26.0	29.2	28.2	30.8	34.1	24.4	9.1	4.5	16.1	22.9	29.4	30.0	23.7	10
CIG	06 - 08	31.5	34.5	38.2	39.3	46.6	40.6	27.8	13.5	30.7	39.4	41.7	34.9	34.9	10
LT 3000 FT	09 - 11	32.2	37.0	36.7	35.6	41.0	36.3	25.6	17.6	32.2	37.8	41.9	33.1	33.9	10
AND/OR	12 - 14	23.3	28.1	21.4	15.9	14.7	7.7	3.3	1.9	8.0	16.6	22.2	26.1	15.8	10
VSBY	15 - 17	15.9	16.7	10.0	6.4	4.9	1.4	1.1	.5	2.0	7.2	9.3	18.5	7.8	10
LT 3 MI	18 - 20	14.9	13.5	6.8	5.2	3.1	.9	.5	.1	2.0	5.9	7.8	16.4	6.4	10
	21 - 23	16.5	15.8	8.6	7.0	4.4	1.1	1.4	.2	2.8	5.6	8.7	17.5	7.5	10
	ALL	22.4	24.4	20.8	19.4	20.5	14.9	9.1	5.0	12.5	18.1	22.1	25.1	17.8	10
	00 - 02	12.7	12.2	8.9	6.0	5.6	2.0	1.7	.6	1.4	4.1	9.3	13.3	6.5	10
	03 - 05	18.0	20.2	18.1	16.3	13.4	6.9	3.5	1.4	5.6	10.6	17.4	19.9	12.6	10
CIG	06 - 08	24.4	27.0	28.4	25.9	25.3	14.7	8.8	2.8	11.9	20.6	29.7	25.6	20.4	10
LT 1500 FT	09 - 11	24.3	27.5	24.9	16.3	14.0	8.0	5.6	1.3	8.4	18.1	28.7	24.2	16.8	10
AND/OR	12 - 14	14.4	15.8	9.0	5.3	4.0	.8	.5	.1	1.3	4.9	9.1	16.8	6.8	10
VSBY	15 - 17	9.5	6.6	2.8	2.7	1.5	.1	.4	.3	.4	2.5	3.2	10.1	3.3	10
LT 3 MI	18 - 20	7.7	5.7	3.1	2.3	1.0	.1	.1	.0	.6	2.2	2.9	10.0	3.0	10
	21 - 23	9.1	7.9	4.7	2.2	2.2	.3	.6	.1	.7	2.3	4.7	10.1	3.7	10
	ALL	15.0	15.4	12.5	9.6	8.4	4.1	2.7	.8	3.8	8.2	13.1	16.3	9.1	10
	00 - 02	9.5	6.9	5.3	3.4	1.6	.4	.4	.2	.6	2.6	7.0	10.1	4.0	10
	03 - 05	15.1	13.6	12.2	9.1	5.9	3.2	1.5	.4	2.3	5.2	13.3	15.8	8.1	10
CIG	06 - 08	17.7	19.4	18.8	17.1	11.9	5.9	2.9	.4	3.3	11.1	21.2	19.9	12.5	10
LT 1000 FT	09 - 11	17.1	20.3	15.7	8.2	4.7	1.7	1.2	.1	.9	8.3	18.8	17.7	9.6	10
AND/OR	12 - 14	8.5	9.0	4.2	2.4	1.5	.3	.2	.0	.4	1.9	4.8	11.6	3.7	10
VSBY	15 - 17	6.0	3.3	1.8	1.8	.5	.0	.1	.1	.1	1.1	1.6	7.3	2.0	10
LT 2 MI	18 - 20	5.5	3.7	1.7	.9	.5	.0	.1	.0	.2	1.1	2.0	6.8	1.9	10
	21 - 23	6.6	3.9	2.7	1.1	1.1	.1	.0	.0	.3	1.3	3.4	6.8	2.3	10
	ALL	10.7	10.0	7.8	5.5	3.5	1.5	.8	.2	1.0	4.1	9.0	12.0	5.5	10
	00 - 02	1.1	.5	.4	.1	.0	.0	.0	.0	.0	.2	.7	1.9	.4	10
	03 - 05	3.3	2.4	.8	.3	.1	.0	.0	.0	.0	.2	3.1	4.2	1.2	10
CIG	06 - 08	4.8	4.3	1.2	.8	.1	.0	.0	.0	.0	.6	4.7	5.4	1.8	10
LT 200 FT	09 - 11	2.7	1.9	.2	.1	.0	.2	.0	.0	.0	.0	1.4	3.4	.8	10
AND/OR	12 - 14	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.1	10
VSBY	15 - 17	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	10
LT 1/2 MI	18 - 20	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	10
	21 - 23	.8	.2	.2	.1	.0	.0	.0	.0	.0	.2	.4	.5	.2	10
	ALL	1.8	1.2	.4	.2	.0	.0	.0	.0	.0	.2	1.3	2.1	.6	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/1	1/1	0/1	0/0	0/0	0/0	0/0	1/3
120NM	0/0	0/0	0/0	0/0	0/0	0/3	1/4	0/1	0/2	0/0	0/0	0/0	1/10
240NM	0/0	0/0	0/0	0/0	0/0	6/10	3/10	1/12	3/8	1/1	0/0	0/0	14/41

REMARKS : 0

PREPARED BY USAFETAC
OCTOBER 1982

STATION NAME : LUBBOCK REGIONAL ARPT TX
LOCATION : N33 40 W101 50

PERIOD : JAN 49-DEC 81
ELEV : 3281 FT

STN LTRS: LBB
WBAN NO: 722670

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (mb Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 99.99%	PVLG DRCTN (tens PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	RECOVERY (tens)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDER	VSBY ≤ 7 MI	FOG	TEMPERATURE (°F) MAX ≥ 95	MAX ≥ 90	MIN ≤ 32	MIN ≤ 20
JAN	53	24	39	83	-16	.5	4.1	.0	.9	2	9	5	72	80	.12	22	3750	W	9	51	5	4	0	2	0	0	6	0	0	25	0
FEB	58	28	43	87	-8	.6	2.5	0	2.1	3	17	12	69	46	.14	25	3750	S	10	57	5	4	0	2	1	0	6	0	0	19	0
MAR	65	35	50	94	8	.9	3.2	0	1.4	2	10	8	62	35	.15	28	3850	S	12	57	5	4	0	1	0	2	3	0	0	11	1
APR	75	46	61	98	23	1.1	3.5	.1	1.7	0	1	1	65	36	.22	37	3750	S	11	58	5	4	1	0	0	0	4	0	2	2	0
MAY	83	55	69	102	30	2.7	6.8	.1	3.7	0	0	0	69	38	.31	46	3750	S	11	61	5	7	2	0	0	0	5	3	0	0	0
JUN	91	64	78	108	45	2.7	8.0	.3	5.7	0	0	0	66	36	.42	54	3600	S	11	50	4	6	2	0	0	0	9	2	10	19	0	0
JUL	92	68	80	107	51	2.4	7.2	0	2.6	0	0	0	66	44	.50	59	3350	S	9	74	4	7	2	0	0	0	7	2	12	22	0	0
AUG	90	66	78	106	52	2.3	8.9	.1	3.1	0	0	0	71	47	.52	60	3400	S	8	50	4	7	1	0	0	0	7	3	8	18	0	0
SEP	83	59	71	100	38	2.2	6.6	0	2.7	0	0	0	77	50	.44	55	3500	S	7	50	5	6	1	0	0	0	4	7	2	0	0	0
OCT	75	47	61	98	23	1.9	7.8	.0	3.5	0	0	0	73	43	.28	43	3650	S	9	61	4	5	1	0	0	0	3	4	0	1	1	0
NOV	63	35	49	86	-1	.6	2.7	.0	1.6	1	21	11	72	44	.18	32	3700	S	9	57	4	3	0	1	0	1	6	0	0	12	1
DEC	56	27	42	81	1	.4	1.5	0	.7	2	10	6	66	40	.12	23	3750	W	9	53	4	3	0	1	0	0	5	0	0	24	5
ANN	74	46	60	108	-16	18.1	8.9	.0	5.7	10	21	12	69	42	.26	41	3700	S	10		4	60	10	7	1	44	57	35	78	94	19
YR	33	33	33	33	33	33	33	33	33	33	33	33	9	9	9	9	9	9	9	9	9	33	33	33	33	33	33	33	33	33	33	33

REMARKS RUSSMO FOR
HOURLY OBS: JAN 73 - DEC 81
DAILY OBS: JAN 49 - DEC 81

NUMBER OBSERVED WITHIN: (1900-1979)

	A/B	AUG	ANN
	60NM	0/0	0/0
(A) Hurricanes	120NM	0/0	0/0
(B) Tropical Storms	240NM	0/1	0/1

ON 1 JUN 67 THE REMARKS SECTION OF THE OBSERVATIONS CARRIED A PEAK GUST TO 80 KTS WITH TORNADOES IN THE AREA, THEREFORE 80 KTS FOR MONTH OF JUN IS THE PEAK GUST FOR THIS STATION.

NOTE * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GSTS % PVLG DRCTN ∂ BASED ON < FULL MONTH

CAV FREQ (%)

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI														
00-02	20	19	14	10	13	9	9	5	13	13	15	11	12	
03-05	21	23	16	16	21	8	7	6	17	17	18	11	15	
06-08	24	28	17	21	24	9	10	9	20	17	20	13	18	
09-11	23	26	18	20	20	9	11	11	23	17	19	13	18	
12-14	20	23	19	17	11	9	8	7	17	14	15	11	14	
15-17	15	19	15	12	5	2	4	2	11	10	13	10	10	
18-20	15	16	10	8	4	2	2	2	9	10	12	10	8	
21-23	18	17	8	6	5	3	3	3	11	10	14	9	9	
ALL HRS	20	21	15	14	13	5	6	6	15	14	16	11	13	9
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI														
00-02	16	17	9	6	8	2	3	4	9	10	10	7	8	
03-05	16	21	11	11	15	4	6	4	12	13	14	7	11	
06-08	20	25	13	17	18	7	9	8	16	15	15	9	14	
09-11	19	24	14	13	12	4	7	7	16	13	15	7	13	
12-14	16	19	12	11	5	2	3	2	8	8	10	6	9	
15-17	12	13	9	8	2	1	1	1	7	7	9	5	6	
18-20	11	12	7	5	2	2	1	1	6	7	8	6	6	
21-23	13	13	5	4	3	2	1	1	8	7	10	6	6	
ALL HRS	15	16	10	9	8	3	4	4	10	10	11	7	9	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI														
00-02	14	15	6	5	6	1	2	2	8	9	9	6	7	
03-05	14	18	7	8	9	3	5	3	10	10	12	8	9	
06-08	18	21	10	12	10	5	7	6	12	12	14	7	11	
09-11	17	21	10	9	6	2	5	5	10	10	11	6	9	
12-14	15	13	8	5	3	1	2	1	6	7	7	4	6	
15-17	11	9	6	4	1	1	0	1	5	6	6	3	4	
18-20	10	8	5	3	1	1	1	1	5	6	7	6	4	
21-23	11	11	4	3	2	1	1	2	7	6	8	5	5	
ALL HRS	14	15	7	6	5	2	3	3	8	8	9	5	7	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI														
00-02	5	5	1	1	1	0	0	0	1	2	3	1	2	
03-05	6	6	2	2	1	1	0	0	1	2	5	2	2	
06-08	6	8	2	2	2	1	0	1	1	3	5	2	3	
09-11	4	5	1	1	1	0	0	0	0	1	2	2	1	
12-14	1	2	1	0	0	0	0	0	0	0	1	0	0	
15-17	1	1	1	0	0	0	0	0	0	0	1	0	0	
18-20	2	1	1	0	0	0	0	0	0	1	1	0	1	
21-23	4	4	1	0	0	0	0	0	0	2	2	1	1	
ALL HRS	3	4	1	1	1	0	0	0	0	1	3	1	1	9

AWS CLIMATIC BRIEF

MINERAL WELLS, TEXAS — PERIOD: 1948-65 — WBAN # 93985 — WMO #

Prepared by ETAC (MARCH 1971) — N 32 47 W 98 04 — ELEVATION: 974 ft — STN LTRS: IOB/L

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) & (1-MIN) SPEED	MEAN 0400 RELATIVE HUMIDITY (%)	MEAN 1300 RELATIVE HUMIDITY (%)	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE 99.95% (ft msl)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	88	57	32	4	1.9	2.2	1	5	SE	9	33	78	52	32	.18	1450	5	1	1	#	1	8	0	1	17	0	5
FEB	91	61	37	3	1.5	2.3	1	4	SE	10	40	77	51	35	.20	1500	6	1	1	#	2	9	#	2	9	0	5
MAR	96	68	43	14	1.4	2.0	#	3	SSE	11	40	72	43	38	.23	1600	6	1	#	#	3	5	1	5	5	0	5
APR	100	77	53	30	3.2	3.3	0	0	SSE	11	40	77	47	50	.36	1550	8	2	0	0	6	5	3	14	#	0	5
MAY	100	85	62	39	4.5	4.1	0	0	SSE	10	40	85	53	61	.54	1400	8	3	0	0	8	5	9	24	0	0	5
JUN	110	93	70	52	2.8	3.3	0	0	SSE	10	40	82	48	66	.64	1350	6	2	0	0	5	2	22	29	0	0	4
JUL	112	97	73	60	2.7	6.2	0	0	SSE	9	33	78	43	67	.67	1200	5	1	0	0	5	1	28	31	0	0	4
AUG	110	98	72	59	1.9	2.2	0	0	SE	8	55	75	40	65	.62	1250	5	1	0	0	4	1	28	31	0	0	3
SEP	108	90	66	49	2.8	3.2	0	0	SE	8	33	80	46	61	.54	1250	6	2	0	0	5	3	17	27	0	0	3
OCT	104	80	55	30	2.8	5.1	#	#	SE	8	33	80	46	52	.39	1350	5	2	0	0	3	4	4	17	#	0	4
NOV	91	67	42	12	1.9	2.0	#	#	SE	8	40	78	46	40	.25	1500	5	1	#	0	2	7	#	4	5	0	4
DEC	90	59	35	9	1.4	2.1	#	1	SE	9	40	77	49	34	.20	1450	5	1	#	0	1	8	#	1	13	0	5
ANN	112	76	53	3	28.8	6.2	2	5	SE	9	55	78	47	50	.36	1450	70	18	2	#	45	58	112	186	49	0	4
EYR	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	16	17	17	17	17	17	17	17	17	17	17	18

REMARKS

	JAN A/B	FEB A/B	MAR A/B	APR A/B	MAY A/B	JUN A/B	JUL A/B	AUG A/B	SEP A/B	OCT A/B	NOV A/B	DEC A/B	ANN A/B
Number Observed Within: (POR: 1900-1970) 60 NM						0/0	0/0	0/0	0/0	0/0			0/0
(A) Hurricanes/Tropical Storms 120 NM						2/0	0/0	0/0	0/0	0/0			2/0
(B) Hurricanes Only 240 NM						6/0	5/2	13/5	8/3	1/1			33/11

RUSSMO POR: Hrly Obs: 3/48-12/65. Daily Obs: 1/49-12/65. [1]Refers to highest hourly wind speed interval.

NOTE: ::DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	24	24	17	17	13	6	2	2	7	10	16	19	13	
	03-05	29	27	21	23	18	10	4	3	11	13	19	21	17	
	06-08	30	31	24	28	25	14	5	5	15	16	23	24	20	
	09-11	27	29	22	25	23	13	6	5	16	17	22	24	19	
	12-14	24	24	17	15	14	6	2	2	9	12	16	21	14	
	15-17	18	20	14	10	8	3	1	#	4	7	12	17	10	
	18-20	18	17	12	9	7	3	1	1	4	6	11	15	9	
	21-23	19	18	14	10	7	3	1	1	5	8	12	15	9	
	ALL HOURS	24	24	18	17	14	7	3	2	9	11	16	19	14	18
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	17	16	8	9	7	3	1	1	4	6	11	12	8	
	03-05	20	20	11	12	9	5	2	2	6	7	13	15	10	
	06-08	22	24	15	16	15	6	3	3	10	10	16	18	13	
	09-11	19	22	12	12	10	5	2	2	8	10	13	16	11	
	12-14	14	16	9	6	5	2	1	#	3	5	9	13	7	
	15-17	11	12	8	4	3	1	#	0	2	3	7	11	5	
	18-20	12	11	7	4	4	1	#	#	2	4	7	10	5	
	21-23	14	13	7	5	4	2	1	1	3	4	9	11	6	
	ALL HOURS	16	17	10	9	7	3	1	1	5	6	10	13	8	18
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	12	12	5	6	3	2	#	1	2	3	8	9	5	
	03-05	14	14	6	7	5	2	1	1	3	4	11	11	7	
	06-08	16	16	9	9	7	4	1	2	5	7	12	14	9	
	09-11	14	15	7	6	5	2	1	1	4	6	9	12	7	
	12-14	10	10	4	3	3	1	1	#	1	3	6	9	4	
	15-17	8	8	5	3	2	1	#	0	1	2	4	7	3	
	18-20	9	7	5	3	2	1	#	0	1	2	4	7	3	
	21-23	10	9	5	3	2	1	#	#	2	3	6	8	4	
	ALL HOURS	12	11	6	5	4	2	1	1	2	4	7	10	5	18
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	3	2	1	#	#	#	#	0	0	#	2	3	1	
	03-05	4	3	1	1	#	#	#	#	#	1	3	3	1	
	06-08	4	4	1	1	#	#	#	#	#	1	3	3	1	
	09-11	2	1	#	#	#	#	0	0	0	#	1	1	#	
	12-14	#	#	0	0	0	0	0	#	0	0	0	#	#	
	15-17	#	#	#	0	0	0	0	0	0	0	0	#	#	
	18-20	1	#	#	#	0	0	0	0	0	0	#	#	#	
	21-23	2	1	1	#	0	0	0	0	0	#	1	1	1	
	ALL HOURS	2	2	1	#	#	#	#	#	#	#	1	1	1	18

AWS CLIMATIC BRIEF

PERRIN AFB/SHERMAN, TEXAS — PERIOD: 1942-68B — WBAN # 13923 — WMO #

Prepared by ETAC { FEB 1971 } — N32 42 W96 41 — ELEVATION: 763 ft — STN LTRS: KPNX

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (Peak) SPEED (Gust)	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN PRESSURE ALTITUDE (Feet) 99,955	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 100	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (Tenths)
JAN	86	53	34	3	1.7	3.6	3	8	S	10	73	77	59	32	.13	1250	6	1	1	1	1	11	0	#	15	0	6
FEB	85	57	36	7	2.5	3.1	1	4	S	10	70	75	57	35	.20	1300	7	2	1	#	2	10	0	#	9	0	5
MAR	93	64	44	8	2.6	1.6	#	2	SSW	11	62	73	52	39	.24	1400	7	2	#	#	4	8	#	2	4	0	5
APR	92	73	54	30	4.4	4.1	0	0	SSW	11	64	76	53	50	.36	1350	9	3	0	0	6	8	#	8	#	0	6
MAY	97	81	62	40	4.7	4.4	0	0	SSW	10	54	82	56	60	.52	1200	9	3	0	0	7	6	3	20	0	0	6
JUN	104	89	70	50	3.3	4.1	0	0	SSW	9	62	71	53	66	.64	1100	7	2	0	0	6	3	15	2?	0	0	5
JUL	103	94	74	61	2.?	4.3	0	0	S	8	60	77	49	67	.69	950	6	2	0	0	6	2	24	30	0	0	4
AUG	107	94	73	60	2.5	4.0	0	0	SSW	8	50	73	45	66	.64	1000	6	2	0	0	5	3	24	30	0	0	4
SEP	104	86	66	38	4.1	5.2	0	0	SSE	8	52	76	49	61	.54	1050	6	2	0	0	4	6	12	24	0	0	4
OCT	98	77	56	31	2.6	2.7	0	0	SSE	9	62	74	43	51	.37	1100	5	2	0	0	2	5	2	13	#	0	4
NOV	95	65	45	18	2.7	4.5	#	1	S	9	72	73	51	41	.26	1350	5	2	#	0	2	7	#	2	3	0	5
DEC	86	54	36	6	1.9	2.3	1	3	S	9	54	76	59	34	.20	1250	6	1	#	#	1	9	0		11	0	5
ANN	108	74	54	3	35.8	5.2	5	8	S--	9	73	76	53	50	.36	1250	79	24	2	1	46	77	41	157	42	0	5
EYR	24	24	24	24	24	24	20	20	25	25	20	25	25	25	25	20	21	24	20	20	20	20	24	24	24	24	21

REMARKS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Number Observed Within:	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
(POR: 1900-1970) 60 NM						2/0	0/0	0/0	0/0	0/0			2/0
(A) Hurricanes/Tropical Storms 120 NM						2/0	1/0	1/0	1/0	0/0			5/0
(B) Hurricanes Only 240 NM						5/0	4/0	12/2	11/3	2/1			34/6

RUSSIAN POR: Hrly Obs: 1/42 - 1/46, 5-11/46, 7/48 - 11/68. Daily Obs: 1/42 - 1/46, 5-11/46, 7/48 - 10/67.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	27	24	19	17	12	6	2	2	7	10	15	23	14	
	03 - 05	31	30	24	27	21	13	5	4	12	13	20	27	19	
	06 - 08	33	32	29	35	29	19	9	8	19	18	24	31	24	
	09 - 11	34	32	30	34	30	21	11	9	19	19	23	30	24	
	12 - 14	30	28	24	25	20	11	7	5	13	15	18	27	19	
	15 - 17	26	23	19	17	11	6	2	2	7	9	14	22	13	
	18 - 20	24	20	17	13	9	4	2	1	6	7	12	20	11	
	21 - 23	24	20	16	13	8	4	2	1	6	7	12	21	11	
	ALL HOURS	29	26	22	23	18	10	5	4	11	12	17	25	17	25
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	21	16	10	10	7	3	2	1	5	7	11	18	9	
	03 - 05	24	21	15	15	13	7	3	3	9	9	14	20	13	
	06 - 08	27	25	20	22	19	12	6	6	4	13	18	24	17	
	09 - 11	28	25	20	20	14	8	5	4	12	11	16	23	16	
	12 - 14	23	20	14	11	7	3	2	2	5	6	11	19	10	
	15 - 17	17	15	10	7	5	2	1	1	3	4	8	15	7	
	18 - 20	17	13	9	7	4	2	1	1	4	4	8	15	7	
	21 - 23	18	13	9	8	5	2	1	1	4	5	8	16	8	
	ALL HOURS	22	19	14	12	9	5	3	2	7	7	12	19	11	25
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	16	12	7	6	4	2	1	1	3	5	8	13	7	
	03 - 05	19	15	10	9	7	4	2	2	6	6	10	16	9	
	06 - 08	20	19	15	13	11	6	3	4	9	8	13	19	12	
	09 - 11	21	19	13	11	7	4	2	2	7	6	11	18	10	
	12 - 14	16	14	8	6	3	1	1	1	3	3	7	13	6	
	15 - 17	13	11	7	4	3	1	1	1	2	3	6	10	5	
	18 - 20	13	10	6	4	3	1	1	1	2	3	6	10	5	
	21 - 23	14	10	6	5	3	1	1	#	3	3	7	12	5	
	ALL HOURS	16	14	9	7	5	3	2	1	4	5	9	14	7	25
CIG less than 200 feet and/or VSBY less than ½ mile	00 - 02	4	3	2	1	#	0	0	0	#	1	2	4	1	
	03 - 05	6	4	2	2	1	#	#	#	1	1	2	5	2	
	06 - 08	6	5	2	2	1	#	#	#	1	1	3	5	2	
	09 - 11	3	3	1	#	#	#	0	0	#	0	1	3	1	
	12 - 14	1	1	#	#	0	0	0	0	0	0	#	1	#	
	15 - 17	1	1	#	#	0	0	0	0	0	0	#	1	#	
	18 - 20	2	1	1	0	0	#	#	#	#	#	1	2	1	
	21 - 23	3	3	1	#	#	0	0	0	#	#	1	3	1	
	ALL HOURS	3	3	1	1	#	#	#	#	#	#	1	3	1	25

PREPARED BY: USAFETAC, MAY 1987

STATION NAME : RANDOLPH AFB TX
LOCATION : N29 32 W098 17

PERIOD: APR 38-JAN 87
ELEV : 762 FT

STN LTRS: RND
WBAN NO: 722536

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	EXTREME MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	60	40	51	90	8	1.7	8.0	.1	2.4	4	15	10a
FEB	65	44	55	95	12	2.0	6.7	.1	3.1	3	3	3
MAR	72	50	62	99	21	1.6	5.9	#	3.0	#	#	#
APR	79	59	69	98	33	2.9	10.2	.1	2.8	0	0	0
MAY	85	65	75	101	42	3.7	13.3	.2	7.5	0	0	0
JUN	91	71	81	105	53	3.4	11.6	#	6.3	0	0	0
JUL	94	73	84	107	60	1.8	8.6	#	4.2	0	0	0
AUG	94	73	84	106	58	2.4	8.6	#	3.2	0	0	0
SEP	89	69	79	102	43	3.7	15.5	#	5.1	0	0	0
OCT	81	60	70	96	34	3.4	11.4	.0	5.1	0	0	0
NOV	70	49	60	89	19	2.3	7.3	#	5.9	#	#	#
DEC	64	43	54	90	13a	1.7	6.3	#	4.2	#	1	1
ANN	79	58	69	107	8	30.6	15.5	.0	7.5	#	15	10a
YR	98	48	98	48	48	48	48	48	48	92	92	92

MONTH	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIR(%)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT)	MEAN SKY COVER (tenths)
JAN	74	56	.21	36	1150	N	6	48	6
FEB	78	56	.25	40	1200	N	6	49	6
MAR	78	52	.32	47	1300	SSE	7	52	6
APR	80	54	.42	54	1250	SSE	6	48	6
MAY	83	58	.58	63	1150	SSE	6	65	7
JUN	84	55	.69	68	1000	SSE	5	50a	6
JUL	82	47	.67	67	900	SSE	5	50a	5
AUG	83	46	.67	67	950	S	4	68	5
SEP	83	51	.60	64	1050	S	5	55	5
OCT	81	53	.67	57	1100	S	5	53	6
NOV	82	57	.35	49	1150	N	5	51	6
DEC	76	56	.25	40	1200	N	5	57	6
ANN	80	53	.44	55	1200	S	6	68	6
YR	80	10	10	10	11	10	10	39	10

MEAN NUMBER OF DAYS OCCURRENCE OF:

MONTH	PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDER	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 100	MAX ≥ 95	MIN ≤ 40	MIN ≤ 32
JAN	7	1	8	8	1	14	0	0	15	7
FEB	7	1	8	8	2	12	0	0	9	3
MAR	7	1	0	0	2	13	0	0	5	1
APR	7	2	0	0	4	14	0	0	1	0
MAY	8	2	0	0	6	14	0	1	0	0
JUN	6	2	0	0	5	9	1	6	0	0
JUL	4	1	0	0	4	5	3	16	0	0
AUG	6	2	0	0	5	6	3	16	0	0
SEP	7	2	0	0	4	10	0	5	0	0
OCT	7	2	0	0	3	12	0	0	0	0
NOV	6	1	0	0	2	12	0	0	5	1
DEC	7	1	0	0	1	13	0	0	12	4
ANN	79	18	0	0	39	134	7	44	47	16
YR	48	48	42	42	42	42	48	48	48	48

REMARKS RUSSWO POR:
HOURLY OBS: FEB 77-JAN 87
SUMMARY OF DAY DATA: APR 38-JAN 87

NUMBER OBSERVED WITHIN: (1900-1982)

	JUN	JUL	AUG	SEP	OCT	ANN
(A) Hurricanes	0/1	0/0	0/0	0/0	0/0	0/1
(B) Tropical Storms	0/6	1/6	0/5	2/3	0/0	3/20
	6/10	6/11	8/17	10/14	1/2	31/54

NOTE * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** MEAN ANNUAL PEAK WINDS $ % CALM DATA % PVLG DATA 2 BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	36	37	39	49	50	37	16	13	25	32	40	36	34	
	03-05	38	42	48	55	61	58	40	36	45	40	44	42	46	
	06-08	41	47	49	57	64	63	49	42	49	46	46	45	50	
	09-11	37	44	42	45	48	30	14	17	28	35	41	41	35	
	12-14	30	33	27	23	21	7	4	3	10	13	27	32	19	
	15-17	25	23	15	12	11	3	3	2	5	8	18	23	12	
	18-20	24	20	15	11	11	3	1	1	5	8	21	23	12	
	21-23	29	29	24	25	25	10	2	2	8	19	29	29	19	
	ALL HRS	33	34	32	34	36	26	16	16	22	25	33	34	28	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	25	26	29	28	31	21	7	8	15	21	26	26	22	
	03-05	29	32	36	35	43	40	27	23	33	29	31	32	33	
	06-08	30	36	36	39	44	42	32	27	36	35	35	35	36	
	09-11	28	33	26	24	19	7	5	4	12	18	26	31	19	
	12-14	19	20	12	9	6	2	1	1	3	5	14	18	9	
	15-17	16	13	6	5	4	1	1	1	2	4	9	13	6	
	18-20	15	13	6	4	3	1	1	#	2	4	10	14	6	
	21-23	19	19	14	12	10	4	1	1	4	9	17	21	11	
	ALL HRS	23	24	21	20	20	15	9	8	13	16	21	24	18	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	20	21	18	14	15	9	3	2	7	9	18	22	13	
	03-05	23	25	26	25	28	23	14	8	17	18	23	25	21	
	06-08	24	30	27	29	30	23	13	7	23	27	27	27	24	
	09-11	22	23	18	12	8	2	2	1	3	9	17	22	12	
	12-14	14	12	7	5	2	1	1	#	1	2	8	12	5	
	15-17	11	8	4	3	1	1	#	#	1	2	6	9	4	
	18-20	12	9	4	3	1	1	#	#	2	2	7	9	4	
	21-23	15	13	7	5	3	1	1	#	2	3	10	14	6	
	ALL HRS	18	18	14	12	11	8	4	3	7	9	15	18	11	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	5	2	2	1	1	#	0	0	0	1	4	5	2	
	03-05	7	4	3	2	1	#	0	#	#	1	6	7	3	
	06-08	7	7	3	3	1	#	#	#	2	4	7	7	3	
	09-11	4	2	1	#	#	0	0	0	0	#	3	4	1	
	12-14	1	#	0	#	0	0	0	0	0	0	1	#	#	
	15-17	#	#	0	0	0	0	0	#	0	0	0	#	#	
	18-20	1	1	#	#	0	0	0	0	0	#	1	1	#	
	21-23	2	2	1	1	#	#	0	0	0	#	2	2	1	
	ALL HRS	3	2	1	1	#	#	#	#	#	1	3	3	1	10

A W S	STATION NAME: REESE AFB TX	FIELD ELEV: 3338 FT
	LATITUDE/LONGITUDE: 33 36 N 102 03 W	STATION MSC: 722675
CLIMATIC BRIEF	HOURLY OBS POR: SEP 79 - AUG 89	CALL SIGN: KREE
	SUMMARY OF DAY POR: MAR 42-JAN 46, JAN 50-FEB 61, FEB 75-AUG 89 (FULL TIME), MAR 61-JAN 75 (PART TIME)	
	HOURS SUMMARIZED: 0000 - 2300 LST	
MAR 90	LST TO UTC: +06	SUPERSEDES: JUL 85

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	81	86	94	101	109	110	109	107	100	99	88	80	110	44
MEAN MAX TEMP (F)	53	57	65	74	82	89	91	89	82	74	62	54	73	44
MEAN TEMP (F)	40	44	51	61	69	77	79	78	71	61	50	42	60	44
MEAN MIN TEMP (F)	27	30	37	47	56	65	68	66	59	48	37	29	48	44
EXTRM MIN TEMP (F)	-9	-6	9	19	28	46	54	50	33	26	1	1	-9	44
D/W TEMP GE 100 (F)	0	0	0	#	1	2	2	1	#	0	0	0	6	44
D/W TEMP GE 90 (F)	0	0	1	2	7	16	20	17	7	1	0	0	71	44
D/W TEMP LT 33 (F)	23	17	10	2	#	0	0	0	0	1	10	22	85	44
D/W TEMP LT 20 (F)	6	3	1	#	0	0	0	0	0	0	1	3	14	44
HEATING DEGREE DAYS	758	583	437	179	43	3	#	#	21	151	464	705	3344	33
COOLING DEGREE DAYS	0	#	3	46	168	377	452	417	222	43	1	#	1729	33
MEAN DEWPOINT TEMP (F)	23	27	30	36	48	58	58	60	54	44	31	26	41	10
MEAN WET BULB TEMP (F)	33	36	42	49	57	65	66	66	61	52	41	35	50	10
99.95% WCPA (FT)	3600	3650	3750	3700	3600	3450	3300	3300	3450	3500	3650	3650	3600	10
MEAN REL HUM 07 LST(%)	68.9	70.9	66.2	63.0	70.4	77.9	69.1	74.6	74.9	74.2	68.0	70.5	70.7	10
MEAN REL HUM 13 LST(%)	46.3	47.1	36.6	33.3	40.4	47.3	41.2	47.7	48.2	45.6	42.7	50.2	43.9	10
MAX 24HR PRECIP (IN)	1.23	1.81	1.54	1.92	2.40	3.70	3.59	2.59	4.46	3.62	1.17	.76	4.46	37
MAX PRECIP (IN)	2.62	2.17	2.45	3.72	8.80	7.13	7.47	6.57	7.29	7.02	1.94	2.24	28.69	37
MEAN PRECIP (IN)	.53	.57	.63	1.11	2.52	2.52	2.37	2.15	2.59	2.03	.58	.54	17.71	37
MIN PRECIP (IN)	.00	#	#	#	.11	.18	.08	.01	#	.00	#	#	9.48	37
D/W PRECIP GE .01 (IN)	3	3	3	4	7	6	6	6	6	5	3	3	55	37
D/W PRECIP GT .50 (IN)	1	1	1	1	2	2	2	2	2	1	1	1	17	37
MAX 24HR SNFL (IN)	10.3	18.1	7.0	3.3	0	0	0	0	0	5.7	11.0	7.0	18.1	34
MAX SNFL (IN)	20.5	21.2	17.2	6.6	0	0	0	0	0	8.9	19.7	10.6	33.7	34
MEAN SNFL (IN)	3.0	3.6	1.0	.2	0	0	0	0	0	.3	1.7	2.4	11.7	34
D/W SNFL GE .1 (IN)	1	2	1	#	0	0	0	0	0	#	1	1	6	34
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	#	1	1	5	34
MAX DLY SNO DEPTH (IN)	13	18	7	4	0	0	0	0	0	4	10	7	18	34
PRVLNG WND DIR (DEG)	23-25	20-22	17-19	20-22	17-19	17-19	17-19	17-19	17-19	20-22	20-22	20-22	17-19	10
MEAN WND SPD (KTS)	8	9	10	10	10	9	7	6	7	7	8	8	8	10
MAX WND SPD (KTS)	54	58	64	62	60	68	60	52	45	52	59	56	68	35
SKY COVER GT 5/10 (%)	43.0	47.4	42.0	36.9	41.0	41.1	30.0	37.6	38.0	36.7	36.0	44.3	39.7	10
D/W THUNDERSTORMS	1	#	1	3	7	7	6	6	4	2	1	1	39	39
D/W FOG (VSBY LT 7 MI)	6	7	5	4	5	3	2	3	7	7	6	5	60	39

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	16.5	19.6	12.8	7.4	10.5	6.0	1.3	3.4	10.9	13.1	13.2	20.6	11.3	10
	03 - 05	18.3	24.3	14.0	11.8	16.7	9.9	2.8	4.1	13.8	19.5	15.9	21.6	14.4	10
CIG	06 - 08	19.7	28.9	18.8	14.6	21.0	16.7	4.9	6.9	17.2	24.7	19.3	21.5	17.8	10
LT 3000 FT	09 - 11	18.0	28.0	17.4	13.6	15.1	14.8	4.9	8.7	19.2	22.8	19.6	21.4	17.0	10
AND/OR	12 - 14	15.6	23.6	12.8	11.7	9.0	5.8	2.2	4.9	13.1	15.6	14.1	19.8	12.3	10
VSBY	15 - 17	13.4	18.6	11.5	9.6	4.8	2.2	.4	2.9	7.3	11.3	12.2	18.4	9.4	10
LT 3 MI	18 - 20	13.3	15.7	8.2	6.1	3.4	2.3	1.1	2.6	6.7	10.5	11.2	17.5	8.2	10
	21 - 23	15.7	18.1	8.6	5.7	4.9	3.8	.4	3.0	7.4	11.5	11.7	18.2	9.1	10
	ALL	16.3	22.1	13.0	10.0	10.8	7.7	2.3	4.6	12.0	16.1	14.7	19.9	12.4	10
	00 - 02	12.4	15.3	7.5	4.3	5.7	4.0	.6	2.8	7.2	10.5	9.6	15.3	7.9	10
	03 - 05	15.4	19.8	9.5	7.6	11.0	6.1	1.8	3.7	10.2	15.3	11.9	16.8	10.8	10
CIG	06 - 08	16.2	24.3	14.2	9.9	14.7	10.6	2.5	4.7	12.2	19.7	15.4	17.4	13.5	10
LT 1500 FT	09 - 11	15.9	22.9	12.3	8.0	9.5	6.7	2.6	5.2	11.8	17.0	14.1	16.9	11.9	10
AND/OR	12 - 14	13.2	16.8	7.6	7.8	3.0	1.0	.5	2.0	6.2	8.5	9.9	14.5	7.6	10
VSBY	15 - 17	9.4	11.3	6.7	5.7	2.5	.3	.1	.6	4.2	5.4	7.3	12.8	5.5	10
LT 3 MI	18 - 20	9.4	10.8	4.7	3.1	1.8	.9	.9	1.5	4.4	6.2	7.9	11.6	5.3	10
	21 - 23	11.9	12.2	4.4	2.8	3.1	1.8	.2	1.9	4.9	8.1	8.1	13.3	6.1	10
	ALL	13.0	16.7	8.4	6.1	6.4	3.9	1.2	2.8	7.7	11.3	10.5	14.9	8.5	10
	00 - 02	10.2	11.9	4.3	3.9	3.8	2.8	.5	2.0	6.1	8.1	6.7	13.1	6.1	10
	03 - 05	12.4	15.7	5.9	4.7	7.0	4.4	.6	2.3	8.4	13.1	9.0	13.1	8.0	10
CIG	06 - 08	13.9	19.0	9.0	7.4	9.4	7.4	1.4	3.4	9.9	15.6	12.3	14.4	10.3	10
LT 1000 FT	09 - 11	13.6	15.9	8.3	5.6	3.8	3.0	.6	3.1	7.6	12.4	10.3	13.6	8.1	10
AND/OR	12 - 14	9.2	10.6	4.4	4.7	1.2	.2	.2	.9	4.4	6.0	7.1	10.1	4.9	10
VSBY	15 - 17	7.1	7.4	4.6	3.9	1.3	.2	.1	.0	3.0	3.7	5.3	8.1	3.7	10
LT 2 MI	18 - 20	8.0	7.7	2.8	2.0	.9	.7	.3	.9	3.0	4.5	6.1	8.0	3.7	10
	21 - 23	10.2	8.8	2.2	2.0	1.8	1.3	.0	1.7	3.8	6.2	5.6	10.9	4.5	10
	ALL	10.6	12.1	5.2	4.3	3.6	2.5	.5	1.8	5.8	8.7	7.8	11.4	6.1	10
	00 - 02	1.2	2.2	1.1	.1	.2	.1	.0	.0	.7	1.3	1.8	.9	.8	10
	03 - 05	1.3	4.4	1.4	.2	.2	.3	.0	.0	.8	3.8	2.2	2.7	1.4	10
CIG	06 - 08	2.6	6.0	2.6	.2	.9	.2	.0	.0	.8	3.0	3.7	4.3	2.0	10
LT 200 FT	09 - 11	1.6	2.4	.8	.0	.0	.0	.0	.0	.1	1.0	2.1	3.0	.9	10
AND/OR	12 - 14	.5	.6	.4	.3	.0	.1	.0	.0	.0	.0	.9	1.4	.3	10
VSBY	15 - 17	.8	.5	.5	.4	.0	.0	.0	.0	.0	.0	.6	1.2	.3	10
LT 1/2 MI	18 - 20	1.5	.6	.4	.0	.1	.0	.0	.1	.1	.1	1.2	1.2	.4	10
	21 - 23	1.4	.7	.6	.0	.3	.1	.0	.0	.3	1.0	1.0	1.6	.6	10
	ALL	1.4	2.2	1.0	.2	.2	.1	.0	.0	.3	1.3	1.7	2.1	.9	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : ALL SUMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM REESE AFB TX.

PREPARED BY USAFETAC JUNE 1987

STATION NAME SHEPPARD AFB TX
LOCATION N33 59 W098 30

PERIOD APR 42-JAN 87
ELEV 1015 FT

STN LTRS: RSPS
WSC NO: 723510

AWS CLIMATIC BRIEF

MEAN

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	EXTREME MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 07	RELATIVE HUMIDITY (%) LST 13	VAPOR PRESSURE (mb)	DEW PT (°F)	PRESSURE (FT) 99.99%	PRESSURE ALTIMETER SETTING (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	CLOUD COVER (Sunrise/Sunset)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (in) ≥ 0.01	PRECIP (in) ≥ 0.5	SNOWFALL (in) ≥ 0.1	SNOWFALL (in) ≥ 1.5	THUNDERSTORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 105	MAX ≥ 95	MIN ≤ 33	MIN ≤ 25
JAN	52	28	40	87	-12	1.0	4.5	.0	2.0	2	12	8	78	54	.14	26	1550		N	10	54d	6	5	1	1	1	1	9	0	0	21	10
FEB	58	33	46	92	-8	1.1	3.3	.1	1.7	2	12	4	82	56	.17	31	1600		N	11	65d	6	5	1	1	1	1	8	0	0	14	5
MAR	66	40	53	100	6	1.8	3.9	.8	2.6	1	7	5	76	48	.24	39	1700		S	12	60	6	6	1	.8	.8	3	7	0	.8	7	1
APR	76	51	64	102	24	3.1	8.5	.4	3.9	.8	1	1	76	46	.32	47	1650		S	12	60	5	7	2	.8	.0	.6	6	0	.8	1	.8
MAY	84	59	72	105	36	4.5	13.2	.8	5.1	0	0	0	81	51	.49	58	1550		S	11	59	6	9	3	0	0	10	6	.8	3	0	0
JUN	93	68	81	117	51	3.3	8.3	.3	5.4	0	0	0	78	47	.60	64	1350		S	11	63d	5	6	2	0	0	7	3	1	12	0	0
JUL	98	73	85	114	54	1.9	11.9	.8	5.0	0	0	0	69	37	.60	64	1250		S	10	56	3	5	1	0	0	5	2	4	22	0	0
AUG	97	72	85	113	54	2.0	7.6	.8	4.5	0	0	0a	75	41	.62	65	1250		S	9	70	4	5	1	0	0	6	2	3	22	0	0
SEP	88	64	76	108	38	3.1	10.2	.8	6.2	0	0	0	79	45	.52	60	1400		S	10	57d	4	6	2	0	0	4	5	.8	9	0	0
OCT	78	53	66	102	25	2.9	7.9	.8	3.9	.8	.8	.8	81	49	.36	50	1450		S	10	59	5	6	2	0	0	3	6	0	1	.8	0
NOV	64	40	52	89	14	1.5	5.7	.0	2.7	.8	4	4	82	52	.25	40	1550		S	10	46	5	5	1	.8	.8	2	7	0	0	6	1
DEC	55	32	44	88	1	1.4	5.0	.8	3.1	1	4	8	79	53	.17	30	1600		N	10	47	5	5	1	1	.8	1	8	0	0	17	5
ANN	76	51	64	117	-12	27.6	13.2	.0	6.2	6	12	8	76	48	.34	48	1550		S	11	70	5	70	18	3	2	49	69	8	66	66	22
YR	43	43	43	43	43	43	43	43	43	43	43	43	10	10	10	10	11		10	10	33	10	43	43	43	43	43	43	43	43	43	43

REMARKS RUSSWO POR:
HOURLY OBS: FEB 77 - JAN 87
SUMMARY OF DAY DATA: APR 42 - MAR 44
AUG 46 - JAN 87

NUMBER OBSERVED WITHIN: A/B JUN JUL AUG SEP ANN
(1900-1985) 60NM 0/0 0/0 0/0 0/0 0/0
(A) Hurricanes 120NM 0/1 0/0 0/1 0/1 0/3
(B) Tropical Storms 240NM 0/2 0/1 0/2 0/2 0/7

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PLVG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	21	24	17	11	12	6	2	2	7	16	21	22	13	
	03-05	24	26	20	13	18	10	3	4	9	18	25	24	16	
	06-08	28	32	24	18	25	17	5	7	11	18	29	26	19	
	09-11	26	34	24	20	26	11	5	6	14	20	27	24	20	
	12-14	24	31	20	16	18	7	2	4	11	18	26	23	17	
	15-17	20	24	17	11	11	3	.8	2	7	12	19	22	12	
	18-20	19	22	16	8	9	4	.8	1	4	10	15	20	11	
	21-23	18	23	16	9	10	3	.8	2	5	11	17	19	11	
	ALL HRS	23	27	19	13	16	7	2	4	9	15	22	23	15	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	16	16	10	6	7	4	.8	1	4	9	12	16	8	
	03-05	18	17	11	7	9	5	2	2	6	12	16	17	10	
	06-08	21	22	15	8	14	6	2	4	8	13	16	19	13	
	09-11	20	23	15	10	10	3	1	3	7	13	17	17	12	
	12-14	18	18	9	6	3	2	0	1	4	10	14	14	8	
	15-17	14	13	7	4	2	1	0	.8	2	5	8	12	6	
	18-20	13	12	7	3	3	1	0	.8	2	5	9	11	6	
	21-23	13	14	9	5	4	2	0	1	3	6	10	12	7	
	ALL HRS	17	17	10	6	7	3	1	2	5	9	13	15	9	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	12	13	7	4	3	2	.8	1	3	7	9	11	6	
	03-05	14	15	7	4	5	3	2	2	4	9	12	13	7	
	06-08	16	16	12	5	7	4	1	3	5	10	13	15	9	
	09-11	17	17	10	6	5	2	.8	2	4	9	13	12	8	
	12-14	13	10	5	4	2	1	0	.8	2	5	9	10	5	
	15-17	10	7	4	2	1	1	0	0	1	3	6	8	4	
	18-20	11	8	4	1	2	.8	0	.8	1	4	6	8	4	
	21-23	11	8	5	2	2	1	0	.8	2	5	7	10	5	
	ALL HRS	13	11	7	4	3	2	.8	1	3	7	9	11	6	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	3	3	.8	0	0	.8	0	0	.8	1	2	2	1	
	03-05	5	4	1	.8	0	1	0	0	1	1	3	3	2	
	06-08	5	5	2	.8	.8	1	0	.8	.8	2	3	3	2	
	09-11	3	3	1	.8	0	.8	0	0	0	1	2	2	1	
	12-14	1	1	0	.8	0	0	0	.8	0	0	1	1	.8	
	15-17	1	.8	0	0	0	.8	0	0	0	0	0	.8	.8	
	18-20	1	1	.8	.8	.8	0	0	0	0	0	1	1	.8	
	21-23	1	1	.8	0	.8	.8	0	.8	.8	.8	1	1	1	
	ALL HRS	3	2	1	.8	.8	.8	0	.8	.8	1	2	2	1	10

PREPARED BY: USAFETAC
SEPTEMBER 1976

STATION NAME: WEBB AFB TEXAS (BIG SPRING)
LOCATION: N32 13 W101 31

PERIOD: SEP 42-FEB 76 8
ELEV: 2561

STN LTRS
WBAN NO
WMO NO
DYS 23005

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.95%	SURFACE WINDS PVLG DRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	FOG VSBY < 7 mi	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	56	32	44	87a	-7	.6	2.2	.0	1.0	2	6	8a	69	45	.14	26	3050	5	9	48	5	4	#	1	#	#	6	0	1	16	0
FEB	61	36	48	88	0	.7	2.4	#	1.4	2	9	4	67	43	.16	29	3050	5	10	55	5	4	#	1	#	1	6	0	1	10	#
MAR	68	42	55	96	9	.7	3.2	#	2.0	1	6	5	61	36	.17	31	3100	5	12	53	5	3	#	#	#	1	4	#	5	5	0
APR	78	52	65	98	23	1.3	5.9	#	2.4	#	#	#	62	34	.25	40	3100	5	12	67	5	4	1	0	0	3	3	4	19	#	0
MAY	85	61	73	107	39	3.2	9.8	.2	4.6	0	0	0	70	38	.38	51	3000	5	11	78	5	7	2	0	0	7	3	11	23	0	0
JUN	92	69	81	110	48	1.8	5.8	#	2.9	0	0	0	66	39	.50	59	2900	5	11	64	4	5	1	0	0	6	1	21	29	0	0
JUL	94	72	83	108	57	2.1	8.0	#	3.7	0	0	0	64	39	.52	60	2750	5	10	55	4	5	1	0	0	6	1	25	30	0	0
AUG	93	71	82	107	55	1.5	4.9	.1	3.5	0	0	0	62	39	.50	59	2750	5	9	48	4	5	1	0	0	6	1	23	30	0	0
SEP	85	64	75	104	42d	2.2	8.3	.0	5.5	0	0	0	69	45	.45	56	2850	5	9	94	4	6	1	0	0	4	4	11	23	0	0
OCT	77	54	66	95	30	1.7	7.2	#	3.4	#	#	#	71	43	.32	47	2950	5	9	53	4	5	1	0	0	3	4	2	14	#	0
NOV	65	42	54	83	18	.7	4.0	.0	2.4	#	1	1	68	41	.20	35	3000	5	9	50	4	3	#	#	0	1	5	0	2	4	0
DEC	58	36	46	83	9	.6	2.2	#	1.2	1	5	4	70	45	.15	28	3050	5	9	58	4	3	#	#	#	#	0	0	#	14	0
ANN	76	52	64	110	-7	17.1	9.8	.0	5.4	6	9	8a	67	41	.28	43	3000	5	10	94	4	54	8	2	#	38	44	97	173	49	#
#YR	31	31	31	31	31	31	31	31	31	29	29	29	29	31	31	31	29	31	31	21	24	31	31	29	29	29	29	31	31	31	31

REMARKS
RUSSMO POR:
HRLY OBS
AND
DAILY OBS
SEP 42-APR 44, JUN 44-DEC 44, JAN 47-FEB 76

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PVLG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	#YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	15	17	12	10	10	4	1	1	4	11	11	16	10	28
	03-05	18	21	16	14	19	8	3	3	13	15	17	19	14	27
	06-08	20	24	19	19	22	13	6	6	19	20	21	21	18	29
	09-11	18	25	20	17	19	13	6	7	20	19	18	19	17	29
	12-14	15	21	16	13	11	6	4	4	13	13	13	17	12	27
	15-17	13	16	12	9	6	3	1	1	7	8	10	14	8	29
	18-20	11	14	9	7	5	2	1	1	5	7	8	12	7	29
	21-23	13	14	9	7	6	2	1	1	5	8	8	13	7	29
	ALL HRS	15	19	14	12	12	6	3	3	11	13	13	16	11	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 mi	00-02	12	13	8	6	6	2	1	1	6	7	8	13	7	28
	03-05	14	16	10	9	10	3	2	2	9	9	11	15	9	27
	06-08	17	20	13	13	12	6	3	4	13	13	16	17	12	29
	09-11	15	20	14	10	8	4	2	3	11	11	13	16	11	29
	12-14	12	15	10	7	4	1	1	1	6	6	8	13	7	29
	15-17	10	11	8	6	4	1	#	1	4	5	6	10	6	29
	18-20	8	10	7	5	4	1	#	1	3	4	5	9	5	29
	21-23	10	11	8	5	4	1	#	1	3	5	6	10	5	29
	ALL HRS	12	15	10	8	7	2	1	2	7	8	9	13	8	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 mi	00-02	9	11	5	4	4	1	#	#	4	6	6	10	5	28
	03-05	12	14	7	6	6	2	1	1	6	6	8	11	7	27
	06-08	14	16	9	7	8	3	1	2	9	8	12	14	9	29
	09-11	12	14	9	5	6	2	1	1	7	7	10	13	7	29
	12-14	9	11	7	4	2	1	#	#	3	4	5	10	5	29
	15-17	7	8	5	4	2	#	#	#	2	3	4	8	4	29
	18-20	7	8	5	4	2	1	#	#	2	4	4	7	4	29
	21-23	8	9	6	5	3	1	#	#	2	4	5	8	4	29
	ALL HRS	10	12	6	5	4	1	1	1	4	5	7	10	6	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 mi	00-02	3	3	1	1	1	0	0	0	#	1	1	3	1	28
	03-05	4	4	1	1	1	0	0	0	1	1	2	3	2	27
	06-08	5	5	2	1	1	0	#	0	1	2	3	4	2	29
	09-11	4	2	1	#	0	0	0	0	#	1	1	2	1	29
	12-14	2	1	#	#	0	0	#	0	0	#	#	1	#	29
	15-17	1	1	#	#	#	0	0	0	#	#	#	1	#	29
	18-20	2	1	1	#	#	0	0	0	0	#	#	1	#	29
	21-23	2	2	#	#	1	#	0	0	#	#	1	1	1	29
	ALL HRS	3	2	1	#	#	#	#	0	#	1	1	2	1	

PREPARED BY: USAFETAC
SEPTEMBER 1984

STATION NAME : HILL AFB UT
LOCATION : N41 07 W111 58

PERIOD : OCT 41-MAY 84 B
ELEV : 4788 FT

STN LTRS: HIF
WBAN NO: 725755

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) 04 LST	13 LST	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 15
JAN	33	21	27	56	-13	2.1	5.6	.1	1.6	18	45	14	70	66	.10	18	5350	ESE	6	65	8	11	1	9	4	8	14	0	0	21	6
FEB	39	25	32	65	-6	1.8	4.1	.4	1.7	12	35	9	69	60	.11	21	5350	ESE	7	59	7	8	1	6	3	1	9	0	0	22	4
MAR	46	30	38	73	3	2.1	4.3	.8	1.6	13	30	13	66	55	.14	25	5450	ESE	7	73	7	10	1	6	3	1	8	0	0	14	1
APR	54	38	47	83	17	2.3	5.8	.6	1.9	8	37	14	57	43	.15	27	5300	ESE	7	80	7	9	1	4	2	2	6	0	0	1	0
MAY	67	47	57	91	24	2.0	6.4	.8	1.8	2	20	13	59	43	.20	35	5250	ESE	7	83	6	8	1	1	0	0	2	0	1	1	0
JUN	77	55	66	101	36	1.5	5.1	.8	2.0	0	0	0	49	32	.24	39	5100	ESE	7	69	5	5	1	0	0	0	1	1	0	0	0
JUL	88	64	76	104	46	.5	2.2	0	1.1	0	0	0	44	28	.29	46	5000	ESE	8	62	4	3	0	0	0	0	0	13	23	0	0
AUG	85	62	74	101	39	.9	3.9	0	1.6	0	0	0	43	28	.27	42	5000	ESE	7	66	4	4	0	0	0	0	0	9	19	0	0
SEP	75	53	64	97	28	1.3	6.2	0	1.9	0	0	0	45	31	.21	36	5050	ESE	8	64	4	5	1	0	0	0	0	1	1	0	0
OCT	61	43	52	88	21	1.8	6.4	.0	1.7	2	16	10	54	42	.17	31	5150	ESE	7	75	5	6	1	1	0	0	2	0	0	0	0
NOV	48	31	39	71	-6	1.7	3.6	.1	1.5	8	27	15	62	53	.13	24	5300	ESE	6	68	6	8	1	4	2	1	7	0	0	16	1
DEC	36	24	30	61	-9	2.1	5.7	.1	1.2	13	56	18	66	60	.11	20	5300	ESE	6	61	7	11	1	8	4	8	14	0	0	21	4
ANN	59	41	50	104	-13	22.1	6.4	.0	2.0	66	56	15	57	45	.17	30	5250	ESE	7	70	6	88	10	39	16	31	63	26	56	122	18
YR	42	42	42	42	42	42	42	42	42	38	38	38	10	10	10	10	11	10	10	35	10	42	42	38	38	38	38	42	42	42	42

REMARKS

PERIOD OF RECORD:
HOURLY OBS: JUN 74 - MAY 84
SUMMARY OF DAY: OCT 41 - JAN 46, JUN 46 - MAY 84

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** NOT APPLICABLE PEAK WINDS $ % CALM DATA % PVLG. DIRCTN ‡ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	10	17	11	8	3	0	0	0	2	6	8	10	8	
	03-05	11	18	13	7	3	0	0	0	1	6	8	16	8	
	06-08	12	18	14	7	4	0	0	0	0	3	8	18	9	
	09-11	13	16	13	8	5	1	0	0	0	5	8	18	9	
	12-14	11	15	14	7	5	1	0	0	0	5	9	20	9	
	15-17	28	15	10	6	3	1	0	0	1	3	7	20	8	
	18-20	28	16	9	6	2	1	0	0	0	3	8	18	8	
	21-23	28	17	11	7	3	1	0	0	0	4	8	17	8	
	ALL HRS	30	17	12	7	4	1	0	0	0	4	8	18	8	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	24	14	8	3	1	0	0	0	0	2	4	12	6	
	03-05	24	14	8	5	2	0	0	0	0	2	5	13	6	
	06-08	26	12	9	5	3	0	0	0	0	2	5	15	6	
	09-11	27	13	9	5	3	0	0	0	0	3	5	15	7	
	12-14	27	12	9	4	3	0	0	0	0	3	6	17	7	
	15-17	25	11	7	4	1	0	0	0	0	2	4	16	6	
	18-20	24	12	7	4	2	0	0	0	0	1	4	13	6	
	21-23	22	13	7	4	1	0	0	0	0	2	5	13	6	
	ALL HRS	25	13	8	4	2	0	0	0	0	2	5	15	6	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	18	11	6	2	1	0	0	0	0	2	3	10	4	
	03-05	21	11	6	4	1	0	0	0	0	2	4	11	5	
	06-08	21	11	7	4	2	0	0	0	0	1	4	13	5	
	09-11	22	11	8	5	2	0	0	0	0	2	3	13	6	
	12-14	21	10	7	3	2	0	0	0	0	2	5	13	5	
	15-17	19	9	5	3	1	0	0	0	0	1	3	14	5	
	18-20	19	10	5	3	1	0	0	0	0	1	3	12	5	
	21-23	17	11	5	3	1	0	0	0	0	1	3	10	4	
	ALL HRS	20	11	6	3	1	0	0	0	0	2	4	12	5	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	7	3	1	0	0	0	0	0	0	0	0	4	1	
	03-05	7	3	1	0	0	0	0	0	0	0	1	3	1	
	06-08	7	4	2	1	1	0	0	0	0	0	0	5	2	
	09-11	6	3	2	1	1	0	0	0	0	0	1	6	2	
	12-14	4	1	1	0	0	0	0	0	0	0	1	4	1	
	15-17	5	1	1	1	0	0	0	0	0	0	1	4	1	
	18-20	6	2	1	1	0	0	0	0	0	0	0	5	1	
	21-23	6	2	1	0	0	0	0	0	0	0	0	4	1	
	ALL HRS	6	2	1	1	0	0	0	0	0	0	1	4	1	10

A W S	STATION NAME: DUGWAY PROVING GROUNDS/MICHAEL AAF UT	FIELD ELEV: 4349 FT
	LATITUDE/LONGITUDE: 40 12 N 112 56 W	STATION MSC: 690110
CLIMATIC BRIEF	HOURLY OBS POR: 6005-7012, 7301-7606, 8401-9004	CALL SIGN: KDPG
(LIMITED)	SUMMARY OF DAY POR: 4306-4601, 4912-6702 (FULL TIME), 6703-7606, 8407-9004 (PART TIME - CLOSED WEEKENDS)	
	HOURS SUMMARIZED: 00-23 LST (EXCEPT VARIABLE HOURS 6703-7606 AND 06-17 LST 8401-9004)	
AUG 90	LST TO UTC: +07	SUPERSEDES: JUN 74

MONTH	JAN	FEB	R	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	66	70	95	97	107	109	105	101	89	78	64	109	44
MEAN MAX TEMP (F)	38	44	52	62	73	83	94	91	80	67	50	39	65	36
MEAN TEMP (F)	27	34	40	50	60	69	78	76	65	53	39	29	52	36
MEAN MIN TEMP (F)	17	24	28	36	46	54	63	60	49	38	27	19	38	36
@ EXTRM MIN TEMP (F)	-25	-27	-6	13	21	31	27	39	27	17	-8	-17	-27	44
D/W TEMP GE 100 (F)	0	0	0	0	0	1	4	1	#	0	0	0	6	36
D/W TEMP GE 90 (F)	0	0	0	#	1	10	25	21	5	0	0	0	62	36
D/W TEMP LT 33 (F)	28	23	22	10	2	#	#	0	1	8	22	28	144	36
D/W TEMP LT 0 (F)	3	1	#	0	0	0	0	0	0	0	1	1	6	36
@@ HEATING DEGREE DAYS	1131	864	764	433	186	39	#	3	74	352	775	1082	5703	16
@@ COOLING DEGREE DAYS	0	0	0	2	46	192	449	376	123	8	0	0	1196	16
MEAN DEWPOINT TEMP (F)	16	22	22	26	31	37	40	41	34	29	26	20	29	20
MEAN WET BULB TEMP (F)	23	30	33	40	47	53	59	57	50	42	34	25	41	20
99.95% WCPA (FT)	4950	4900	4950	4950	4800	4750	4550	4550	4700	4750	4800	4900	4850	20
MEAN REL HUM 07 LST(%)	74.7	75.3	68.3	60.1	51.2	45.4	39.1	44.0	50.3	60.2	71.9	78.4	59.4	20
MEAN REL HUM 13 LST(%)	57.9	52.8	40.9	33.4	27.5	25.0	19.8	21.8	26.7	34.3	47.2	62.4	37.3	20
@ MAX 24HR PRECIP (IN)	.79	.84	2.84	.95	.96	1.15	1.11	1.01	1.17	1.02	.95	.71	2.84	44
@ MAX PRECIP (IN)	1.54	1.58	4.86	1.95	2.96	2.46	1.89	1.89	3.16	2.00	1.48	2.33	15.07	44
MEAN PRECIP (IN)	.48	.55	.73	.80	.70	.76	.35	.51	.44	.50	.51	.60	6.86	36
@ MIN PRECIP (IN)	#	.01	#	.08	.04	.00	#	#	.00	.00	#	#	3.27	44
D/W PRECIP GE .01 (IN)	5	5	5	6	5	4	4	4	3	4	4	6	55	36
D/W PRECIP GT .50 (IN)	#	1	1	1	1	1	1	#	1	1	#	#	8	36
MAX 24HR SNFL (IN)	5.7	5.1	4.8	4.0	3.7	#	0	0	#	1.0	6.0	4.4	6.0	36
@ MAX SNFL (IN)	10.0	11.8	15.6	7.8	6.4	#	0	0	#	7.0	8.2	15.6	28.4	44
MEAN SNFL (IN)	3.9	3.3	3.5	1.3	.5	#	0	0	0	.1	2.0	3.7	18.9	36
D/W SNFL GE .1 (IN)	4	3	2	1	1	0	0	0	0	1	2	3	17	36
D/W SNFL GE 1.5 (IN)	1	1	1	1	#	0	0	0	0	0	1	1	6	36
@ MAX DLY SNO DEPTH (IN)	8	10	9	3	2	0	0	0	0	1	7	12	12	44
PRVLNG WND DIR (DEG)	$14-16	$14-16	$17-19	17-19	$17-19	$17-19	17-19	$17-19	$14-16	$14-16	$14-16	$14-16	$17-19	20
MEAN WND SPD (KTS)	4	4	6	6	6	5	5	5	5	4	4	3	5	20
MAX WND SPD (KTS)	64	50	59	81	62	58	62	56	52	54	68	45	81	27
SKY COVER GT 5/10 (%)	59.5	58.7	56.6	57.9	50.4	36.9	29.5	29.5	28.3	35.0	54.4	61.5	46.3	20
D/W THUNDERSTORMS	#	#	1	1	2	2	4	4	2	1	1	1	19	33
D/W FOG (VSBY LT 7 MI)	6	4	2	2	1	1	0	#	1	1	2	7	27	33

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	9.1	4.1	4.1	3.7	1.1	.5	.0	.0	.0	.5	4.3	17.7	3.8	7
	03 - 05	9.0	4.6	3.6	2.8	1.3	.6	.0	.0	.2	.4	3.5	17.6	3.6	14
CIG	06 - 08	11.8	7.6	5.6	4.7	1.9	1.1	.0	.1	.1	1.1	3.3	18.0	4.6	20
LT 3000 FT	09 - 11	11.4	8.2	5.7	5.1	2.5	.9	.1	.0	.5	2.6	4.5	16.3	4.8	20
AND/OR	12 - 14	10.0	8.5	5.5	5.1	2.5	.8	.1	.0	1.4	2.4	3.3	12.8	4.4	20
VSBY	15 - 17	8.7	6.4	5.6	5.6	2.1	1.0	.1	.7	.7	2.8	2.0	10.4	3.8	20
LT 3 MI	18 - 20	8.1	4.1	3.4	5.3	2.3	.7	.0	.7	.0	1.2	2.7	12.2	3.4	14
	21 - 23	9.5	2.7	4.2	3.5	.9	.0	.0	.0	.0	.9	3.7	14.7	3.3	7
	ALL	10.0	6.5	5.0	4.7	2.0	.8	.0	.2	.5	1.7	3.4	14.9	4.1	20
	00 - 02	8.0	2.4	1.7	2.0	.6	.0	.0	.0	.0	.0	1.9	13.8	2.5	7
	03 - 05	7.9	3.2	2.5	.7	.6	.2	.0	.0	.1	.1	2.1	12.8	2.5	14
CIG	06 - 08	9.7	5.6	3.4	2.4	.5	.3	.0	.0	.1	.6	1.9	14.3	3.2	20
LT 1500 FT	09 - 11	10.0	6.1	3.0	2.2	.6	.1	.1	.0	.3	1.0	3.2	13.5	3.3	20
AND/OR	12 - 14	8.1	4.9	2.5	2.3	.4	.1	.1	.0	.4	1.0	1.9	10.4	2.7	20
VSBY	15 - 17	6.5	2.9	3.1	3.1	.2	.6	.1	.2	.1	.8	.7	7.3	2.1	20
LT 3 MI	18 - 20	5.8	1.6	2.6	2.4	.7	.0	.0	.4	.0	.1	1.4	7.4	1.9	14
	21 - 23	7.8	.7	2.4	2.0	.2	.0	.0	.0	.0	.0	2.4	10.3	2.1	7
	ALL	8.2	4.0	2.8	2.2	.5	.2	.0	.1	.2	.6	2.0	11.4	2.6	20
	00 - 02	7.4	2.4	1.0	.9	.6	.0	.0	.0	.0	.0	1.3	9.8	1.9	7
	03 - 05	7.2	3.1	1.7	.3	.5	.2	.0	.0	.0	.1	1.8	10.5	2.1	14
CIG	06 - 08	8.4	3.7	2.7	1.3	.4	.2	.0	.0	.1	.4	1.3	11.5	2.5	20
LT 1000 FT	09 - 11	8.4	4.1	2.0	1.3	.4	.0	.1	.0	.1	.6	2.3	10.9	2.5	20
AND/OR	12 - 14	6.3	2.7	1.4	1.1	.3	.0	.1	.0	.2	.6	1.3	7.7	1.8	20
VSBY	15 - 17	5.2	2.4	1.5	1.1	.1	.0	.0	.0	.1	.3	.6	6.1	1.4	20
LT 2 MI	18 - 20	5.0	.9	1.6	.8	.4	.0	.0	.0	.0	.0	.5	6.3	1.3	14
	21 - 23	6.3	.7	1.2	.6	.2	.0	.0	.0	.0	.0	1.4	8.4	1.6	7
	ALL	6.9	2.8	1.8	1.0	.3	.1	.0	.0	.1	.3	1.3	9.0	1.9	20
	00 - 02	2.8	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.5	4.5	.8	7
	03 - 05	2.6	1.2	.3	.0	.0	.1	.0	.0	.0	.0	.6	6.3	.9	14
CIG	06 - 08	3.7	1.5	.8	.0	.0	.0	.0	.0	.0	.3	.5	6.1	1.1	20
LT 200 FT	09 - 11	3.5	1.3	.9	.0	.1	.0	.0	.0	.0	.1	.9	4.1	.9	20
AND/OR	12 - 14	2.1	.4	.2	.1	.1	.0	.0	.0	.0	.1	.4	1.6	.4	20
VSBY	15 - 17	2.2	.5	.2	.3	.0	.0	.0	.0	.0	.0	.1	.7	.3	20
LT 1/2 MI	18 - 20	2.4	.4	.3	.0	.1	.0	.0	.0	.0	.0	.3	1.1	.4	14
	21 - 23	2.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9	.5	7
	ALL	2.8	.9	.4	.1	.1	.0	.0	.0	.0	.1	.5	3.4	.7	20

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @ SUMMARY OF THE DAY DATA SUPPLEMENTED FROM:

CLIMATOLOGICAL DATA (NCDC PUBLICATION) FOR UTAH (DUGWAY DATA: 1976-1984).

@@ HEATING/COOLING DEGREE DAY DATA DERIVED FROM DUGWAY HOURLY OBSERVATIONS, POR: 5101-6612.

AWS CLIMATIC BRIEF

WENDOVER AF AUX, UTAH — PERIOD: 1931-69B — WBAN # = 24193 — WMO # = 72581

Prepared by ETAC (NOV 1970) — N 40 43 W 114 02 — ELEVATION: 4250 ft — STN LTRS: KENV

MONTH	TEMPERATURE (°F) [1]				PRECIPITATION (in) [1]				WIND (KT) [2]			MEAN					MEAN NUMBER OF DAYS										
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (MAX WIND)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 29.95"	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS [1]	FOG (≤ 1/4 MILE)	TEMPERATURE (°F) MAXIMUM ≤ 90	TEMPERATURE (°F) MAXIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	MEAN CLDS (TENTHS)
JAN	64	36	18	-13	0.3	0.2	2	2	NE	4	40	75	62	18	.10	4900	4	0	5	1	0	2	0	0	29	1	4
FEB	66	42	24	-19	0.3	0.6	2	3	NE	5	40	73	56	23	.12	4900	5	#	3	#	#	1	0	0	24	#	5
MAR	76	52	31	13	0.4	0.8	1	9	NW	6	47	63	43	25	.14	5000	4	0	#	#	#	0	0	0	19	0	5
APR	88	62	41	19	0.5	0.9	#	3	NW	7	40	54	33	29	.16	4950	5	0	#	#	1	0	0	1	5	0	5
MAY	95	73	50	29	0.7	0.9	#	#	NW	7	55	50	29	33	.19	4800	5	#	#	0	4	0	1	9	#	0	5
JUN	105	82	58	31	0.5	1.3	#	#	ESE	7	47	47	27	37	.22	4600	5	#	0	0	8	0	7	19	#	0	3
JUL	112	92	67	47	0.3	0.4	0	0	ESE	6	40	36	18	39	.24	4500	3	0	0	0	5	0	22	31	0	0	3
AUG	104	90	65	42	0.4	0.5	0	0	ESE	6	55	38	21	40	.25	4500	3	0	0	0	6	0	18	30	0	0	3
SEP	100	80	54	31	0.3	0.4	0	0	E	5	40	42	24	34	.20	4650	2	#	0	0	3	0	3	17	#	0	2
OCT	86	64	42	23	0.5	0.9	#	2	E	5	40	61	38	34	.20	4700	3	#	#	#	1	0	0	2	3	0	4
NOV	73	47	29	6	0.3	0.6	#	6	ENE	5	47	72	52	26	.14	4850	3	0	#	#	#	#	0	0	20	0	5
DEC	65	38	22	-11	0.3	0.5	2	3	NE	4	40	77	64	22	.12	4850	4	0	3	#	#	2	0	0	29	#	6
ANN	112	63	42	-19	4.8	1.3	7	9	ESE	5	55	57	39	30	.17	4800	46	#	11	1	28	5	51	109	129	1	4
EYR	32	30	30	32	30	10	29	11	19	19	19	8	8	8	8	5	33	7	4	4	5	5	20	7	20	20	4

REMARKS:
(MAX WIND) refers to highest wind speed class interval.

[1] MEANS AND EXTREMES from the 1969 NOAA/EDS Local Climatological Data Annual Summary.
[2] CALMS: ANNUAL % FREQUENCY = 19%.
[3] USSWO POR: AUG 42-NOV 49B (WBAN #24111)

NOTE; "DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	10	13	3	3	1	1	#	0	#	1	8	12	4	
	03-05	10	16	5	2	#	#	0	#	#	2	6	15	5	
	06-08	15	17	5	3	#	1	0	0	#	2	7	20	6	
	09-11	11	17	5	3	0	#	0	0	#	1	6	18	5	
	12-14	10	15	5	4	1	#	0	0	#	1	5	16	5	
	15-17	10	14	4	3	2	1	0	#	#	2	3	13	4	
	18-20	11	14	3	3	2	1	#	0	#	2	5	14	5	
	21-23	10	12	2	3	1	#	0	0	#	2	7	14	4	
	ALL HOURS	11	15	4	3	1	1	#	#	#	2	6	15	4	7
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	5	11	#	1	0	#	#	0	0	1	5	9	3	
	03-05	6	14	2	1	0	#	0	0	0	1	6	12	4	
	06-08	12	15	3	1	0	#	0	0	#	1	4	17	4	
	09-11	8	13	2	1	0	0	0	0	0	0	2	16	4	
	12-14	6	12	2	1	0	0	0	0	0	#	2	13	3	
	15-17	6	9	1	1	#	#	0	0	0	1	2	11	3	
	18-20	6	9	1	1	0	0	#	0	0	1	3	11	3	
	21-23	5	8	1	#	0	#	0	0	0	1	4	10	2	
	ALL HOURS	7	11	1	1	#	#	#	0	#	1	4	12	3	7
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	4	8	0	#	0	#	#	0	0	#	2	7	2	
	03-05	5	11	1	0	0	0	0	0	0	#	2	10	2	
	06-08	8	11	2	#	0	0	0	0	0	#	3	14	3	
	09-11	6	11	2	#	0	0	0	0	0	0	2	13	3	
	12-14	5	9	1	#	0	0	0	0	0	#	1	11	2	
	15-17	4	6	1	0	0	#	0	0	0	#	2	9	2	
	18-20	4	6	1	0	0	0	0	0	0	1	2	9	2	
	21-23	3	6	1	0	0	0	0	0	0	#	3	9	2	
	ALL HOURS	5	9	1	#	0	#	#	0	0	#	2	10	2	7
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	#	2	0	0	0	0	0	0	0	#	1	2	#	
	03-05	1	4	#	0	0	0	0	0	0	#	1	4	1	
	06-08	1	6	#	0	0	0	0	0	0	#	1	4	1	
	09-11	1	3	#	0	0	0	0	0	0	0	1	4	1	
	12-14	1	#	0	0	0	0	0	0	0	0	#	1	#	
	15-17	1	0	#	0	0	#	0	0	0	#	1	2	#	
	18-20	1	1	#	0	0	0	0	0	0	#	1	2	#	
	21-23	#	2	0	0	0	0	0	0	0	0	1	2	#	
	ALL HOURS	1	2	#	0	0	#	0	0	0	#	1	3	1	7

A W S
CLIMATIC BRIEF

October 1987

Station Name: BURLINGTON IAP VT
Latitude/Longitude: N48 28 W073 09
Hourly Obs POR: Jun 77 to May 87
Summary of Day POR: Jan 48 to May 87
LST = GMT -5

Field Elev: 334 ft
Station MSC: 726170
Call Sign: KBTV
Supersedes: Mar 1982
Supersedes:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	63	62	80	91	93	95	99	99	92	85	75	65	99	39
MEAN MAX TEMP °F	26	28	38	53	67	76	81	78	69	57	44	31	54	39
MEAN TEMP °F	17	19	30	43	56	65	70	68	59	48	37	24	45	39
MEAN MIN TEMP °F	8	10	21	33	44	54	59	57	49	39	30	16	35	39
XTRM MIN TEMP °F	-30	-30	-20	2	24	33	39	35	25	15	-2	-26	-30	39
D/W TEMP ≥ 85°F	0	0	0	#	1	5	9	5	1	#	0	0	21	39
D/W TEMP ≥ 80°F	0	0	#	#	4	11	19	14	4	#	0	0	52	39
D/W TEMP ≤ 32°F	30	27	27	15	3	0	0	0	1	9	19	28	159	39
D/W TEMP ≤ 0°F	10	8	2	0	0	0	0	0	0	0	#	4	24	39
VPR PRESS ("Hg)	.06	.07	.11	.19	.29	.39	.47	.47	.36	.23	.16	.10	.20	10
MEAN DEWPOINT °F	8	11	21	33	44	52	57	57	50	38	29	17	35	10
99.95% WCPA Ft	1400	1050	1150	1100	900	900	750	700	800	1050	1100	1200	1050	10
MEAN RH 07 LST %	73	75	76	73	74	75	75	80	83	78	75	74	76	10
MEAN RH 13 LST %	64	61	60	54	52	54	51	56	59	60	64	66	58	10
MAX 24HR PRECIP "	1.3	1.8	1.4	1.4	2.3	2.6	2.7	3.6	3.1	1.6	1.7	2.6	3.6	39
MAX PRECIP "	4.7	5.4	3.6	6.6	6.3	7.7	6.1	11.5	6.3	6.2	6.9	6.0	11.5	39
MEAN PRECIP "	1.9	1.8	2.2	2.8	3.1	3.5	3.6	3.9	3.2	2.8	3.1	2.5	34.4	39
MIN PRECIP "	.5	.2	.4	.9	.3	1.1	1.2	.7	.9	.5	.6	.8	.2	39
D/W PRECIP ≥ .01"	14	11	13	12	13	13	12	13	12	12	14	15	154	39
D/W PRECIP ≥ .5"	1	1	1	2	2	2	2	3	2	2	2	1	21	39
MAX 24HR SNFL "	15	13	13	13	4	0	0	0	#	5	10	17	17	39
MAX SNFL "	42	34	33	21	4	0	0	0	#	5	19	57	57	39
MEAN SNFL "	19	16	13	4	#	0	0	0	#	#	7	20	79	39
D/W SNFL ≥ .1"	14	10	9	3	#	0	0	0	0	#	5	13	54	39
D/W SNFL ≥ 1.5"	4	3	3	1	#	0	0	0	0	#	2	4	17	39
MEAN WND DRCTN	S	S	S	S	S	S	S	S	S	S	S	S	S	10
MEAN WND SPD Kts	8	7	8	8	8	8	7	7	7	7	9	9	8	10
MAX WND SPD** Kts	44	45	49	45	62	45	50	51	40	39	45	45	62	12
MEAN CLD CVR 10th	8	7	7	7	7	7	7	7	7	7	8	8	7	10
D/W TSTORMS	#	0	#	1	3	5	6	5	2	1	#	#	23	39
D/W FOG VSBY <7mi	8	7	10	10	9	9	9	12	12	11	11	10	118	39

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	JUN	JUL	AUG	SEP	OCT	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/1	0/1	1/0	0/0	1/2
Within 240NM	0/1	1/2	1/5	1/2	0/1	3/11

A W S CLIMATIC BRIEF October 1987	Station Name: BURLINGTON IAP VT Latitude/Longitude: N48 28 W073 09 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 48 to May 87 LST - GMT -5	Field Elev: 334 ft Station MSC: 726170 Call Sign: KBTV Supersedes: Mar 1982

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	31	25	24	19	14	10	8	10	13	18	28	35	20	
	03-05	32	29	26	21	16	14	11	16	14	22	29	35	22	
CIG/VSBY	06-08	30	25	30	22	21	15	12	18	20	26	30	35	24	
	09-11	30	23	25	23	18	15	10	19	18	25	31	34	23	
LESS THAN	12-14	29	20	23	19	13	10	6	13	12	20	27	29	18	
	15-17	27	19	18	16	10	9	7	9	10	14	25	27	16	
3000/3	18-20	28	20	20	17	10	7	6	7	11	15	24	29	16	
	21-23	29	23	22	17	12	8	6	8	10	14	28	32	17	
	00-24	30	23	24	19	14	11	8	13	14	19	28	32	20	10
	00-02	13	11	12	10	7	5	4	6	7	11	10	14	9	
	03-05	15	13	14	11	9	8	6	10	9	12	12	14	11	
CIG/VSBY	06-08	17	12	17	11	12	8	6	12	12	13	13	15	12	
	09-11	19	12	16	10	8	6	4	8	8	11	15	16	11	
LESS THAN	12-14	17	10	12	7	6	3	3	5	4	9	12	14	9	
	15-17	16	10	10	5	5	4	3	3	4	6	11	13	8	
1500/3	18-20	14	9	10	4	4	3	3	2	5	5	10	14	7	
	21-23	12	9	10	6	7	3	2	3	5	7	11	16	8	
	00-24	15	11	13	8	7	5	4	6	7	9	12	15	9	10
	00-02	10	7	10	7	6	3	3	3	5	8	8	10	7	
	03-05	10	8	11	8	7	6	4	7	6	9	9	10	8	
CIG/VSBY	06-08	11	7	13	8	9	6	4	7	8	10	10	10	9	
	09-11	15	9	12	7	5	3	2	3	5	9	11	10	8	
LESS THAN	12-14	13	7	8	4	4	1	1	2	3	6	9	10	6	
	15-17	12	7	7	2	3	1	2	1	3	3	9	9	5	
1000/2	18-20	8	6	7	2	3	2	1	2	4	3	7	8	4	
	21-23	9	7	8	4	4	1	1	2	3	4	8	11	5	
	00-24	11	7	10	5	5	3	2	3	5	7	9	10	6	10
	00-02	#	1	1	1	1	1	#	1	1	2	#	#	1	
	03-05	1	1	1	1	1	2	1	1	1	2	1	1	1	
CIG/VSBY	06-08	1	2	2	1	2	1	1	1	2	3	1	1	2	
	09-11	1	1	1	#	#	0	0	0	0	1	1	#	#	
LESS THAN	12-14	1	1	#	0	#	0	0	0	0	#	1	1	#	
	15-17	#	1	1	0	0	0	#	0	0	1	#	1	#	
200/½	18-20	1	1	1	#	#	0	0	#	0	#	#	1	#	
	21-23	#	#	#	1	#	0	0	#	#	1	#	#	#	
	00-24	1	1	1	1	1	1	#	#	1	1	1	1	1	10

PREPARED BY: USAPETAC
SEPTEMBER 1985

STATION NAME: FT BELVOIR/DAVISON AAF VA
LOCATION: N38 43 W077 11

PERIOD: FEB 57-MAY 85
ELEV: 69 FT

SYN LIND: BAA
WBC NO: 724037

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 07	LST 13	VAPOR PRESSURE (mb)	DEW PT (°F)	PRESSURE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 2Ø	SUNRISE-SUNSET (PCT OF POSS)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDER HEARD	VSBY ≤ 7 MI	TEMPERATURE MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 10
JAN	41	23	32	74Ø	-10	2.8	8.8	.4	1.7	6	35	19	69	54	.10	18	850	Nw	4	67	7	10	2	3	1	8	12	0	0	26	3
FEB	45	26	36	76	-2	3.0	6.6	.4	2.0	8	24	18	72	52	.12	23	750	NW	4	56	6	9	2	3	1	8	11	0	0	21	1
MAR	54	34	44	84	-2	3.7	6.7	1.1	2.7	5	26	11	71	50	.18	32	800	NW	4	51	6	11	3	2	1	1	12	0	1	14	0
APR	66	93	55	968	19	3.2	8.7	.2	2.7	0	2	2	71	44	.24	39	700	Nw	4	63	6	10	2	0	0	3	12	1	4	0	0
MAY	75	52	64	97	29	3.8	9.4	.9	2.1	0	0	0	77	53	.39	52	550	S	3	56	7	11	2	0	0	5	18	1	0	0	0
JUN	82	61	72	100	38	3.7	14.2	1.0	9.1	0	0	0	79	55	.59	61	500	S	3	51	6	10	3	0	0	6	18	5	20	0	0
JUL	86	66	76	104	50	3.8	8.7	.7	3.3	0	0	0	81	56	.64	66	400	S	2	62	6	10	3	0	0	7	20	9	27	0	0
AUG	85	65	75	105	44	4.4	8.8	1.0	4.3	0	0	0	83	57	.64	66	350	S	2	48	6	10	3	0	0	7	20	7	26	0	0
SEP	79	58	69	100	15	3.4	11.4	.9	9.4	0	0	0	84	56	.49	59	400	S	2	55	6	8	2	0	0	2	20	2	14	0	0
OCT	67	45	57	92	24	3.4	8.0	.1	3.2	0	3	3	82	56	.31	46	550	NNW	2	39	6	8	2	0	0	1	18	0	3	0	0
NOV	57	36	47	85	16	3.0	7.3	.4	3.1	1	9	9	78	53	.21	36	600	NW	3	45	6	9	2	0	0	1	15	0	0	12	30
DEC	44	28	37	77	-8	3.3	7.1	.6	2.9	5	25	11	73	55	.15	27	700	NW	3	53	6	10	3	2	1	0	13	0	0	22	1
ANN	65	45	55	105	-10	41.7	14.2	.1	9.1	23	35	19	77	53	.29	44	450	NW	3	478	6	116	29	10	4	33	109	25	105	102	35
YR	28	28	28	28	28	28	28	28	28	28	28	28	10	10	10	10	11	10	10	25	10	28	28	28	28	28	28	28	28	28	28

REMARKS

RISING POR:
HOURLY OBS: JUN 75 - MAY 85
SUMMARY OF DAY DATA: FEB 57 - MAY 85

NUMBER OBSERVED WITHIN: (1900-1982)

		A/B	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	60NM	0/0	0/1	0/4	0/2	0/0	0/0	0/0	0/7	
(A)	Hurricanes	120NM	0/0	0/1	0/5	0/4	0/0	0/0	0/0	0/10
(B)	Tropical Storms	240NM	0/6	3/5	10/19	8/11	1/0	0/1	0/0	22/42

NOTE: * DATA NOT AVAILABLE # ABTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM DSTR % PVLG DRCTN ‡ RANGE OR < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	STN
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	18	16	13	15	13	9	12	15	21	17	18	16	
	03-05	20	18	14	14	25	21	19	20	23	24	18	19	20	
	06-08	19	20	23	16	25	21	20	23	27	28	24	19	22	
	09-11	20	17	19	13	21	12	11	13	17	21	19	20	17	
	12-14	18	15	15	12	17	8	6	7	12	16	15	18	14	
	15-17	17	15	17	10	14	7	5	5	10	13	14	17	12	
	18-20	17	15	16	9	10	7	6	6	10	14	16	16	12	
	21-23	18	17	15	10	11	9	7	8	11	15	15	18	13	
	ALL HRS	19	17	17	12	17	12	10	12	16	19	17	18	16	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	14	12	10	12	10	8	10	11	16	13	14	12	
	03-05	16	14	14	11	22	18	17	18	18	21	14	15	17	
	06-08	16	16	14	12	20	19	16	22	22	23	19	15	18	
	09-11	17	15	14	10	15	6	6	10	10	16	15	15	13	
	12-14	15	12	12	8	10	5	4	3	7	11	9	14	9	
	15-17	14	11	11	8	6	4	4	3	5	8	9	12	8	
	18-20	14	12	9	6	7	3	4	3	7	9	10	12	8	
	21-23	14	13	11	8	8	6	6	6	8	12	12	13	10	
	ALL HRS	15	13	12	9	13	9	9	9	11	15	13	14	12	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	13	11	10	6	8	4	3	3	6	10	9	11	8	
	03-05	12	12	11	8	14	9	6	9	10	14	10	11	11	
	06-08	15	13	12	10	14	10	8	11	12	17	14	12	12	
	09-11	13	11	11	8	8	4	3	4	5	11	11	12	9	
	12-14	12	9	9	7	6	2	2	1	4	7	7	10	6	
	15-17	10	8	8	5	6	2	2	1	3	6	8	10	5	
	18-20	11	9	7	5	5	1	2	1	4	6	8	10	6	
	21-23	11	10	8	5	6	2	2	1	5	7	9	11	6	
	ALL HRS	12	10	9	7	8	4	4	4	6	10	10	11	8	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	2	1	1	1	1	0	0	1	0	1	2	1	
	03-05	3	4	1	1	2	1	0	1	2	3	2	3	2	
	06-08	1	4	2	1	2	1	0	1	2	3	2	3	2	
	09-11	2	2	1	0	0	0	0	0	0	1	1	1	1	
	12-14	1	1	0	0	0	0	0	0	0	0	0	0	0	
	15-17	1	1	0	0	0	0	0	0	0	0	1	0	0	
	18-20	2	1	0	1	0	0	0	0	0	0	1	1	1	
	21-23	2	1	0	0	1	0	0	0	0	1	1	2	1	
	ALL HRS	2	2	1	1	1	0	0	0	1	1	1	2	1	10

A W S LIMITED CLIMATIC BRIEF MAY 92	STATION NAME: FORT EUSTIS/FELKER AAF VA LATITUDE/LONGITUDE: 37 08 N 076 37 W HOURLY OBS POR: OCT 81 - NOV 91 SUMMARY OF DAY POR: NOV 60-SEP 91 (PART TIME DATA, MAY 70 - SEP 91) HOURS SUMMARIZED: 0600 - 2200 LST LST TO UTC: +05	FIELD ELEV: 12 FT STATION NBR: 723087 CALL SIGN: KFAF SUPERSEDES: APR 87

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	75	81	85	91	94	99	98	99	96	89	84	76	99	30
MEAN MAX TEMP (F)	46	49	58	67	75	83	86	85	79	69	61	50	67	30
MEAN TEMP (F)	39	42	50	59	67	75	79	78	72	62	53	43	60	30
MEAN MIN TEMP (F)	32	34	41	49	59	67	72	71	65	53	44	36	52	30
EXTRM MIN TEMP (F)	4	9	19	30	37	45	58	49	44	32	23	13	4	30
D/W TEMP GE 90 (F)	0	0	0	1	1	4	9	7	2	0	0	0	24	30
D/W TEMP GE 80 (F)	0	#	1	4	10	21	28	26	15	3	1	0	109	30
D/W TEMP LT 33 (F)	17	13	5	1	0	0	0	0	0	1	2	12	51	30
D/W TEMP LT 10 (F)	1	#	0	0	0	0	0	0	0	0	0	0	1	30
@@HEATING DEGREE DAYS	781	648	498	237	59	3	0	#	12	145	386	668	3437	52
@@COOLING DEGREE DAYS	#	#	8	33	132	311	438	409	240	52	8	#	1631	52
MEAN DEWPOINT TEMP (F)	27	32	37	44	56	64	69	68	62	52	43	34	50	10
MEAN WET BULB TEMP (F)	35	40	45	51	61	68	73	72	66	57	49	41	55	10
99.95% WCPA (FT)	650	700	750	700	450	350	300	300	350	400	600	600	550	10
MEAN REL HUM 07 LST(%)	68.4	72.1	71.9	73.3	79.2	78.8	79.6	83.0	80.3	77.1	77.1	70.2	76.0	10
MEAN REL HUM 13 LST(%)	55.6	57.5	54.8	52.5	60.4	59.4	62.3	64.0	60.8	57.3	57.4	58.9	58.4	10
MAX 24HR PRECIP (IN)	4.16	2.67	2.55	2.44	4.30	4.87	6.59	3.89	5.24	2.70	3.52	2.16	6.59	32
MAX PRECIP (IN)	8.29	6.73	7.43	5.64	9.77	9.51	12.77	8.88	12.19	9.16	6.24	5.92	63.33	32
MEAN PRECIP (IN)	3.39	3.31	3.81	2.71	4.06	4.18	5.41	4.09	4.53	2.94	2.60	3.41	44.08	32
MIN PRECIP (IN)	1.47	1.01	1.58	.51	.29	1.19	2.21	1.07	.80	.27	.23	.58	22.82	32
D/W PRECIP GE .01 (IN)	11	10	11	10	11	11	12	10	8	8	8	10	120	32
D/W PRECIP GT .50 (IN)	2	3	3	2	3	3	4	3	3	2	2	3	33	32
MAX 24HR SNFL (IN)	7.3	9.6	7.4	1.4	0	0	0	0	0	0	.4	3.9	9.6	32
MAX SNFL (IN)	17.3	9.9	7.4	2.0	0	0	0	0	0	0	.4	4.4	23.7	32
MEAN SNFL (IN)	3.7	3.0	1.5	#	0	0	0	0	0	0	#	.7	9.0	32
D/W SNFL GE .1 (IN)	2	2	1	#	0	0	0	0	0	0	#	1	6	32
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	1	4	32
MAX DLY SNO DEPTH (IN)	13	12	12	#	0	0	0	0	0	0	#	3	13	32
PRVLNG WND DIR (DEG)	$35-01	$35-01	$32-34	$32-34	$17-19	20-22	$20-22	$20-22	$02-04	$32-34	$35-01	$35-01	$20-22	10
MEAN WND SPD (KTS)	5	5	6	6	4	4	4	4	4	4	5	5	5	10
MAX WND SPD (KTS)	54	51	52	50	61	55	46	40	48	48	46	52	61	29
SKY COVER GT 5/10 (%)	54.4	64.9	58.1	54.0	58.8	51.0	57.1	54.5	49.7	47.2	51.7	60.2	55.1	10
D/W THUNDERSTORMS	1	1	2	2	5	6	8	7	2	1	1	1	37	32
D/W FOG (VSBY LT 7 MI)	11	10	11	10	13	13	14	15	15	14	11	11	148	32

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	22.5	26.4	24.1	18.7	25.0	13.4	17.2	18.4	19.5	24.7	27.6	22.5	21.7	10
LT 3000 FT	09 - 11	20.2	25.8	21.4	16.2	21.0	6.9	12.1	13.5	13.4	18.3	20.1	20.4	17.4	10
AND/OR	12 - 14	18.2	23.1	17.5	15.3	14.6	4.7	7.3	8.9	11.1	13.8	16.2	18.9	14.1	10
VSBY	15 - 17	18.3	24.4	15.2	10.8	10.6	3.7	5.1	6.4	8.9	12.9	10.3	18.6	12.1	10
LT 3 MI	18 - 20	18.1	23.9	17.9	10.7	10.8	6.1	5.8	6.3	8.4	12.0	11.7	15.8	12.3	10
	21 - 23	17.4	24.2	19.3	13.5	10.4	5.8	4.0	6.1	9.7	12.6	12.4	14.4	12.5	10
	ALL	19.2	24.7	19.3	14.2	15.7	6.8	8.9	10.1	12.0	15.9	16.6	18.9	15.0	10
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	18.0	20.5	18.6	14.0	19.1	11.0	12.1	14.0	16.0	19.1	24.6	17.4	17.0	10
LT 1500 FT	09 - 11	16.4	18.7	15.4	10.4	11.7	4.3	6.3	9.7	8.1	11.4	15.6	16.2	12.0	10
AND/OR	12 - 14	15.9	16.3	11.9	6.1	4.4	1.1	3.8	4.1	4.5	9.9	9.0	14.1	8.4	10
VSBY	15 - 17	14.8	16.1	10.4	5.5	4.4	1.4	2.5	2.5	3.6	9.3	4.9	13.6	7.4	10
LT 3 MI	18 - 20	16.1	16.7	14.3	6.6	6.7	3.9	2.3	3.4	5.0	8.5	6.5	12.0	8.5	10
	21 - 23	14.8	18.4	15.0	9.7	8.0	3.3	1.8	2.9	6.7	9.5	10.0	10.7	9.2	10
	ALL	16.1	17.8	14.2	8.7	9.1	4.2	5.0	6.3	7.3	11.4	11.9	14.4	10.4	10
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	12.6	17.0	13.9	10.0	13.5	7.3	5.1	8.2	10.7	14.7	17.9	14.6	12.1	10
LT 1000 FT	09 - 11	13.5	14.8	10.7	7.0	5.0	1.7	2.7	3.6	3.1	7.8	11.8	12.5	7.8	10
AND/OR	12 - 14	11.5	12.8	8.6	2.8	2.5	.2	1.6	1.5	1.5	5.5	6.3	11.0	5.5	10
VSBY	15 - 17	13.0	13.0	7.4	2.8	1.9	.6	1.7	1.3	1.2	5.5	3.8	9.8	5.2	10
LT 2 MI	18 - 20	13.5	11.9	8.9	4.2	2.8	1.6	.8	2.7	1.8	5.8	3.9	8.8	5.5	10
	21 - 23	14.0	14.2	11.4	5.7	4.5	1.5	.8	1.3	3.5	6.6	4.9	8.6	6.4	10
	ALL	13.0	14.0	10.1	5.4	5.1	2.2	2.2	3.2	3.6	7.7	8.3	11.2	7.0	10
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	06 - 08	2.1	3.3	3.0	1.7	.8	.2	.0	.6	1.5	3.4	5.6	3.5	2.1	10
LT 200 FT	09 - 11	1.5	1.4	.3	.5	.0	.0	.0	.0	.3	.0	1.8	1.5	.6	10
AND/OR	12 - 14	.5	.7	.2	.0	.0	.0	.0	.1	.0	.0	.0	.7	.2	10
VSBY	15 - 17	.8	.2	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	10
LT 1/2 MI	18 - 20	2.4	.9	.3	1.4	.0	.0	.0	.0	.0	.0	.2	1.4	.5	10
	21 - 23	2.1	2.1	1.1	.7	.0	.0	.0	.0	.0	.0	1.1	1.4	.7	10
	ALL	1.5	1.4	.8	.7	.1	.1	.0	.1	.3	.6	1.5	1.4	.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/1	0/3	3/5	2/4	0/0	0/0	0/0	5/13
120NM	0/0	0/0	0/0	0/0	0/0	0/5	3/4	8/13	7/10	1/2	0/1	0/0	19/35
240NM	0/0	0/0	0/0	0/0	1/2	1/11	5/10	22/22	21/23	5/7	2/4	0/0	57/79

REMARKS : @@HEATING AND COOLING DEGREE DAY VALUES WERE TAKEN FROM CLIMATIC BRIEF FOR LANGLEY AFB (APR 90).

A W S	STATION NAME: LANGLEY AFB VA		FIELD ELEV: 11 FT
	LATITUDE/LONGITUDE: 37 05 N 076 21 W		STATION MSC: 745980
CLIMATIC BRIEF	HOURLY OBS POR: NOV 79 - OCT 89		CALL SIGN: KLFI
	SUMMARY OF DAY POR: OCT 36 - OCT 89		
	HOURS SUMMARIZED: 0000 - 2300 LST		SUPERSEDES: FEB 86
APR 90	LST TO UTC: +05		

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	78	81	90	95	97	102	103	105	99	95	85	78	105	54
MEAN MAX TEMP (F)	47	50	57	67	75	83	86	85	79	69	60	51	68	54
MEAN TEMP (F)	40	42	49	58	67	75	79	78	72	62	52	43	60	54
MEAN MIN TEMP (F)	32	33	40	49	59	67	71	71	65	54	43	35	52	54
EXTRM MIN TEMP (F)	-3	9	12	28	35	43	55	50	44	26	20	8	-3	54
D/W TEMP GE 90 (F)	0	0	#	1	1	6	10	7	2	1	0	0	28	54
D/W TEMP GE 80 (F)	0	#	1	4	11	20	27	25	14	3	1	0	106	54
D/W TEMP LT 33 (F)	17	13	6	1	0	0	0	0	0	#	4	13	54	54
D/W TEMP LT 10 (F)	1	#	0	0	0	0	0	0	0	0	0	#	1	54
HEATING DEGREE DAYS	781	648	498	237	59	3	0	#	12	145	386	668	3437	52
COOLING DEGREE DAYS	#	#	8	33	132	311	438	409	240	52	8	#	1631	52
MEAN DEWPOINT TEMP (F)	27	30	35	45	56	64	69	69	63	52	43	33	49	10
MEAN WET BULB TEMP (F)	34	37	43	51	61	68	72	72	67	57	48	39	54	10
99.95% WCPA (FT)	650	650	750	650	450	400	300	300	350	400	550	500	550	10
MEAN REL HUM 07 LST(%)	70.4	72.2	69.2	72.3	75.8	75.8	78.6	81.5	80.9	78.7	77.4	71.2	75.3	10
MEAN REL HUM 13 LST(%)	56.5	57.3	53.7	53.4	56.8	56.8	59.5	62.5	61.8	58.6	59.7	56.3	57.7	10
MAX 24HR PRECIP (IN)	2.65	2.32	2.99	3.07	4.43	5.63	3.57	4.88	6.51	3.93	4.66	2.61	6.51	51
MAX PRECIP (IN)	8.43	6.06	10.94	8.38	13.03	10.26	12.52	10.62	14.68	12.49	6.88	7.53	67.22	51
MEAN PRECIP (IN)	3.36	3.50	3.86	2.99	3.69	3.73	4.82	4.78	4.35	3.18	3.02	3.09	44.15	51
MIN PRECIP (IN)	.72	.31	.95	.46	.44	.36	1.23	.53	.16	.35	.29	.45	27.70	51
D/W PRECIP GE .01 (IN)	10	10	10	9	10	9	11	9	7	7	8	9	109	51
D/W PRECIP GT .50 (IN)	2	3	3	2	2	2	3	3	2	2	2	2	28	51
MAX 24HR SNFL (IN)	9.3	12.2	11.1	6.5	0	0	0	0	0	#	1.7	12.0	12.2	43
MAX SNFL (IN)	16.3	21.4	21.3	6.5	0	0	0	0	0	#	1.7	22.0	50.1	43
MEAN SNFL (IN)	3.3	3.4	1.6	.1	0	0	0	0	0	#	.1	1.3	9.6	43
D/W SNFL GE .1 (IN)	2	1	1	#	0	0	0	0	0	0	#	1	5	43
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	#	1	4	43
MAX DLY SNO DEPTH (IN)	13	13	19	#	0	0	0	0	0	0	#	13	19	43
PRVLNG WND DIR (DEG)	35-01	35-01	02-04	20-22	20-22	20-22	23-25	$23-25	$05-07	$02-04	$35-01	35-01	$20-22	10
MEAN WND SPD (KTS)	7	7	8	8	6	6	6	5	5	6	6	7	6	10
MAX WND SPD (KTS)	61	58	66	67	59	56	50	68	61	83	58	57	83	43
SKY COVER GT 5/10 (%)	54.0	57.7	51.0	52.3	55.0	47.4	49.0	47.8	47.0	46.1	50.0	53.1	51.0	10
D/W THUNDERSTORMS	1	1	2	3	5	6	9	7	3	1	1	1	40	40
D/W FOG (VSBY LT 7 MI)	13	12	13	11	14	13	14	16	15	15	13	13	162	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	17.1	22.7	20.0	16.6	11.9	5.7	5.6	7.6	10.7	15.8	19.0	15.5	14.0	10
	03 - 05	19.4	23.6	22.3	16.2	17.5	9.0	9.7	10.1	14.2	18.6	22.0	18.4	16.7	10
CIG	06 - 08	22.3	26.5	22.0	18.0	20.0	11.7	13.7	14.7	17.2	19.9	23.0	21.0	19.2	10
LT 3000 FT	09 - 11	21.3	22.9	19.9	17.3	16.6	8.9	10.8	11.6	13.7	14.8	18.9	19.7	16.4	10
AND/OR	12 - 14	18.7	21.8	16.6	15.9	11.3	4.4	7.1	7.6	9.7	12.0	15.6	15.5	13.0	10
VSBY	15 - 17	18.4	20.4	14.9	12.1	9.0	3.0	6.5	5.7	8.7	11.7	11.7	17.5	11.6	10
LT 3 MI	18 - 20	18.0	21.2	17.8	13.1	10.4	2.8	5.5	6.3	9.4	10.1	14.0	16.2	12.1	10
	21 - 23	18.3	22.0	18.5	14.2	10.5	4.1	4.8	6.5	11.3	13.9	15.9	13.8	12.8	10
	ALL	19.2	22.6	19.0	15.4	13.4	6.2	7.9	8.8	11.9	14.6	17.5	17.2	14.4	10
	00 - 02	14.2	19.4	14.8	12.2	8.9	3.8	3.7	5.6	7.6	10.9	14.9	10.6	10.5	10
	03 - 05	6.1	20.8	18.2	12.4	12.4	6.7	7.1	7.3	9.1	14.0	17.4	3.2	12.9	10
CIG	06 - 08	19.0	21.7	17.7	13.2	15.9	9.2	10.4	12.5	13.2	14.8	17.3	15.5	15.0	10
LT 1500 FT	09 - 11	18.5	17.4	15.7	12.0	11.1	4.4	5.4	6.5	8.2	9.0	14.9	14.7	11.5	10
AND/OR	12 - 14	15.5	15.9	12.5	9.3	5.9	1.9	1.9	3.4	4.1	6.3	10.4	11.7	8.2	10
VSBY	15 - 17	13.5	16.4	10.6	6.9	5.1	1.2	3.4	3.3	5.3	7.7	8.3	11.8	7.8	10
LT 3 MI	18 - 20	15.2	17.1	13.8	9.4	7.3	1.3	3.4	3.8	6.2	7.4	9.4	11.9	8.8	10
	21 - 23	15.1	17.7	13.4	11.2	7.2	2.3	2.5	3.9	7.3	9.5	11.1	10.2	9.3	10
	ALL	15.9	18.3	14.6	10.8	9.2	3.9	4.7	5.8	7.6	10.0	13.0	12.5	10.5	10
	00 - 02	12.5	16.4	11.4	9.0	7.8	1.8	1.3	2.4	3.6	6.0	12.0	9.5	7.8	10
	03 - 05	13.5	18.3	13.9	8.3	9.4	2.9	2.7	3.3	4.4	10.0	14.0	11.2	9.3	10
CIG	06 - 08	14.7	17.8	13.7	9.7	9.5	4.2	2.5	6.2	7.9	11.0	13.7	13.3	10.3	10
LT 1000 FT	09 - 11	15.3	14.4	11.3	9.8	6.6	1.4	.5	1.8	3.6	4.8	11.2	11.3	7.7	10
AND/OR	12 - 14	12.0	13.2	9.6	6.2	2.5	.6	.2	1.6	1.1	3.7	7.0	9.6	5.6	10
VSBY	15 - 17	11.1	13.9	8.7	4.4	2.7	.0	.3	1.8	2.2	5.5	5.9	8.7	5.4	10
LT 2 MI	18 - 20	12.3	12.8	11.1	6.7	5.2	.2	1.1	1.8	2.8	5.4	6.8	8.0	6.2	10
	21 - 23	12.7	15.2	10.3	8.2	6.0	.9	1.1	2.0	3.4	6.1	8.1	8.8	6.9	10
	ALL	13.0	15.2	11.2	7.8	6.2	1.5	1.2	2.6	3.6	6.6	9.8	10.0	7.4	10
	00 - 02	2.0	2.4	1.7	1.6	.6	.3	.0	.1	.0	.9	2.6	1.2	1.1	10
	03 - 05	1.7	4.4	2.4	1.8	1.7	.2	.0	.5	.0	2.7	4.2	2.6	1.8	10
CIG	06 - 08	1.9	4.8	2.9	1.7	.9	.0	.0	.2	.7	2.6	3.7	2.5	1.8	10
LT 200 FT	09 - 11	1.8	2.4	.6	.7	.0	.0	.0	.0	.1	.1	1.6	.2	.6	10
AND/OR	12 - 14	1.2	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.2	.1	.3	10
VSBY	15 - 17	1.0	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	10
LT 1/2 MI	18 - 20	1.5	1.5	1.6	.7	.1	.0	.1	.0	.0	.1	.7	.8	.6	10
	21 - 23	1.5	1.9	1.7	1.1	.6	.0	.1	.0	.0	.4	.4	1.0	.7	10
	ALL	1.6	2.5	1.6	.9	.5	.1	.0	.1	.1	.8	1.7	1.0	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	0/3	3/5	2/4	0/0	0/0	5/13
120NM	0/0	0/5	3/4	9/12	8/11	1/2	0/1	21/35
240NM	1/2	1/11	5/10	22/23	21/23	5/7	2/4	57/80

REMARKS :

PREPARED BY USAFETAC
[illegible] 1975

STATION NAME OCEANA NAS, VIRGINIA
LOCATION N 36 49 W076 02

PERIOD MAR 1945-DEC 1972 B
ELEV 20 FT

STN LTRS NTU
WBAN NO 13769
WMO NO 723070

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	MEAN PRESSURE ALTITUDE (FT) 89,958	SURFACE WINDS PVLG DRCTN (16 PTS)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (ET) **	MEAN CLOUDINESS (Tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDERSTORMS	FOG	TEMPERATURE (°F) MAX ≥ 90	TEMPERATURE (°F) MAX ≥ 80	TEMPERATURE (°F) MIN ≤ 32	TEMPERATURE (°F) MIN ≤ 0
JAN	49	33	41	76	9	3.6	7.4	1.7	3.3	4	18	10	76	62	.17	31	650	N	8	54	6	10	2	1	1	8	13	0	0	16	0
FEB	50	34	42	80	7	3.7	6.0	1.1	2.1	2	9	4	76	59	.17	31	750	N	9	54	6	10	3	1	1	8	12	0	0	13	0
MAR	57	40	48	90	21	3.5	6.2	1.6	4.1	1	6	2	76	56	.21	36	700	SW	9	63	6	11	2	1	1	2	13	1	1	6	0
APR	67	48	58	95	28	2.5	6.9	1.0	3.3	0	0	0	79	56	.31	46	750	SW	9	58	6	10	1	0	0	3	14	0	4	0	0
MAY	74	57	66	95	35	3.5	6.9	1.1	3.2	0	0	0	83	58	.44	55	500	SW	8	56	6	10	2	0	0	5	17	1	10	0	0
JUN	82	65	74	104	45	3.2	6.8	0	4.8	0	0	0	86	59	.58	63	400	SW	7	71	6	8	2	0	0	7	17	5	18	0	0
JUL	85	70	78	103	59	5.1	10.7	0.9	3.0	0	0	0	87	63	.69	68	350	SW	6	58	6	11	4	0	0	9	17	8	25	0	0
AUG	84	70	77	97	51	6.0	17.8	1.6	9.8	0	0	0	88	63	.69	68	300	ESW	6	72	6	10	3	0	0	7	20	7	24	0	0
SEP	79	65	72	94	48	4.4	11.5	0.6	5.0	0	0	0	86	63	.58	63	400	ESE	7	78	5	8	2	0	0	3	18	2	14	0	0
OCT	70	54	62	95	26	4.1	10.0	0.8	6.0	0	0	0	82	60	.40	53	500	SE	7	53	5	7	3	0	0	1	17	8	3	0	0
NOV	61	44	53	83	23	2.8	7.5	0.5	4.2	0	0	0	79	57	.27	42	600	SW	7	56	5	8	2	0	0	1	15	0	3	3	0
DEC	52	36	44	78	10	3.1	5.1	0.6	2.1	1	12	9	75	60	.20	34	600	SW	8	69	6	6	2	0	0	0	13	0	0	12	0
ANN	68	51	60	104	7	45.5	17.8	0	9.8	0	19	10	81	60	.35	49	550	SSW	8	78	6	111	28	1	1	56	186	23	99	50	0
YR	25	25	25	22	22	22	22	22	21	22	22	21	25	25	25	25	25	25	25	22	22	22	22	22	22	25	25	25	25	25	25

REMARKS SOURCE: SMOS

NOTE: *DATA NOT AVAILABLE **SAME UNITS SHOWN IN HEADING ***MAX HRLY WND SP CLASS FM 5 9 CALM DRTN 9 PLUS DRCTN

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	23	24	20	18	18	17	12	16	20	23	20	19	19	
	03-05	24	25	22	21	22	25	21	25	28	28	22	19	24	
	06-08	30	29	26	24	25	26	26	30	34	34	28	24	29	
	09-11	28	25	23	24	22	22	25	26	28	25	23	22	24	
	12-14	25	24	21	21	20	20	23	25	26	24	20	21	23	
	15-17	23	24	19	17	17	16	16	19	19	21	19	20	19	
	18-20	21	24	18	15	15	15	13	16	16	22	18	19	18	
	21-23	21	22	18	16	16	15	12	15	15	20	19	18	17	
	ALL HRS	25	25	21	20	20	20	19	22	24	25	21	20	22	25
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	19	14	15	14	13	8	12	13	17	14	15	14	
	03-05	18	20	17	17	18	20	18	19	21	22	17	15	19	
	06-08	24	23	21	20	20	22	20	25	28	27	22	20	23	
	09-11	22	20	16	15	14	14	13	14	16	16	15	17	16	
	12-14	18	17	13	12	11	10	7	9	13	14	12	14	13	
	15-17	17	18	13	11	11	10	7	9	11	14	13	15	12	
	18-20	16	19	13	11	12	11	8	11	11	15	11	13	13	
	21-23	16	18	13	11	12	11	6	10	10	15	12	13	12	
	ALL HRS	19	19	15	14	14	14	11	14	15	17	14	15	15	25
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	15	11	11	12	9	5	7	9	13	10	12	11	
	03-05	15	16	13	13	13	14	10	13	14	16	12	12	13	
	06-08	18	19	16	14	14	13	12	14	18	19	15	15	16	
	09-11	17	16	12	11	10	7	5	6	9	11	10	13	11	
	12-14	14	13	10	8	7	5	3	4	7	9	8	11	8	
	15-17	13	14	10	8	8	6	4	4	7	9	9	11	9	
	18-20	12	15	10	9	8	7	4	6	7	10	8	10	9	
	21-23	13	15	10	9	9	7	3	5	6	11	9	11	8	
	ALL HRS	15	15	11	10	10	9	6	7	10	12	10	12	11	25
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN ½ MI	00-02	4	5	3	4	3	2	*	1	1	3	3	3	3	
	03-05	4	4	2	4	4	2	2	3	3	5	5	4	4	
	06-08	4	5	2	3	2	1	1	2	4	4	4	4	3	
	09-11	2	3	1	1	*	*	0	0	*	*	1	1	1	
	12-14	2	2	*	*	0	0	0	0	*	*	*	1	*	
	15-17	1	2	1	1	*	*	*	0	*	1	*	1	1	
	18-20	2	3	2	2	1	*	*	*	1	1	2	1		
	21-23	3	4	2	3	2	1	0	0	*	2	3	3	2	
	ALL HRS	3	3	2	2	1	1	*	1	1	2	2	2	2	25

AWS CLIMATIC BRIEF

QUANTICO MCAS/TURNER FIELD, VIRGINIA — PERIOD: 1953-69 — WBAN # 13773 — WMO # — STN LTRS: KNYG

Prepared by ETAC (JUN 1971) N 38 30 W 77 18 — ELEVATION: 22 ft

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)			MEAN					MEAN NUMBER OF DAYS											
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FAST) SPEED (GUST)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99,955	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	MEAN CLOUDS (TENTHS)
JAN	78	43	25	-5	2.6	1.8	6	9	NW	6	53	74	60	23	.12	700	9	2	3	1	#	12	0	0	24	#	6
FEB	77	45	27	0	2.9	1.9	6	12	NW	6	54	73	58	24	.13	750	9	2	3	1	#	11	0	0	20	#	6
MAR	88	55	35	8	3.2	1.9	5	8	NW	7	50	73	53	31	.17	700	10	3	2	1	1	11	0	1	13	0	6
APR	94	67	45	25	2.5	1.5	#	4	S	7	42	76	51	42	.27	650	10	2	#	#	2	9	1	5	3	0	6
MAY	97	76	54	31	2.3	2.0	#	#	S	6	65	80	52	52	.39	500	9	1	0	0	4	11	2	11	#	0	6
JUN	102	84	63	43	2.8	2.9	0	0	S	5	52	84	54	62	.56	400	8	2	0	0	6	10	8	22	0	0	6
JUL	102	87	68	54	3.7	2.8	0	0	S	5	48	85	58	67	.67	350	10	2	0	0	7	12	11	28	0	0	6
AUG	98	86	67	50	4.3	4.7	0	0	S	5	50	87	59	66	.64	350	9	3	0	0	6	13	9	26	0	0	6
SEP	105	78	59	38	3.1	3.2	0	0	NW	5	46	87	58	59	.50	400	7	2	0	0	3	13	2	14	0	0	5
OCT	94	68	47	28	2.5	3.4	#	#	NW	5	62	84	57	48	.34	550	6	2	0	0	1	15	#	3	2	0	5
NOV	80	57	37	13	2.5	2.4	1	17	NW	5	42	79	57	37	.22	650	8	2	#	#	#	12	0	#	10	0	5
DEC	78	45	28	5	2.8	1.8	5	9	NW	5	48	77	61	27	.15	650	8	2	2	1	#	12	0	0	21	0	6
ANN	105	66	46	-5	35.2	4.7	23	12	NW	6	75	80	57	45	.30	600	103	25	10	4	30	141	33	110	93	#	6
EYR	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

REMARKS [1] Extremes from 1969 Navy LCD Annual Summary were included (POR: Oct 53 - Dec 68)

SMOS (Navy) POR: Hrly and Daily Obs: Jan 55 - Dec 69.

Number Observed Within: (POR: 1900-1970)	May A/B	Jun A/B	Jul A/B	Aug A/B	Sep A/B	Oct A/B	Nov A/B	Dec A/B	Ann A/B
60 NM	0/0	0/0	0/0	3/0	4/0	0/0	0/0	0/0	7/0
(A) Hurricanes/Tropical Storms 120 NM	0/0	1/0	2/0	3/0	6/0	1/0	0/0	0/0	13/0
(B) Hurricanes Only 240 NM	1/1	4/0	6/2	17/10	29/15	9/3	0/0	1/0	67/31

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	17	23	17	16	14	10	8	11	14	13	13	18	15	
	03 - 05	19	23	19	18	17	13	14	14	19	16	15	18	17	
	06 - 08	21	26	21	20	18	16	17	21	23	23	18	20	20	
	09 - 11	20	23	20	18	15	14	15	18	21	18	17	21	18	
	12 - 14	17	22	18	16	13	11	10	12	16	13	15	17	15	
	15 - 17	16	20	16	13	10	9	8	9	12	10	13	15	13	
	18 - 20	16	20	16	13	10	9	8	9	12	9	11	17	13	
	21 - 23	16	21	17	14	11	9	8	10	12	9	11	17	13	
	ALL HOURS	18	22	18	16	14	11	11	13	16	14	14	18	15	15
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	13	19	14	12	10	7	5	7	11	9	8	14	11	
	03 - 05	13	20	14	15	13	10	10	10	15	12	10	14	13	
	06 - 08	16	21	16	15	14	12	11	17	18	18	14	17	16	
	09 - 11	15	20	16	13	12	9	9	12	14	14	12	17	14	
	12 - 14	14	17	13	10	8	6	5	6	9	9	8	15	10	
	15 - 17	11	16	12	9	6	4	3	5	8	6	7	12	8	
	18 - 20	12	17	12	9	6	4	4	5	8	5	7	14	9	
	21 - 23	12	18	13	11	7	5	4	5	9	7	7	13	9	
	ALL HOURS	13	18	14	12	10	7	7	8	11	10	9	14	11	15
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	10	15	11	9	6	5	2	3	6	6	6	10	7	
	03 - 05	10	17	12	10	9	6	5	5	9	7	8	12	9	
	06 - 08	13	17	12	12	10	8	7	9	12	12	10	13	11	
	09 - 11	12	16	11	10	8	4	3	6	8	10	9	13	9	
	12 - 14	11	14	9	7	5	3	2	3	6	6	6	12	7	
	15 - 17	8	11	8	6	4	3	2	2	5	5	5	9	6	
	18 - 20	8	12	9	8	3	2	1	2	5	4	5	11	6	
	21 - 23	9	13	9	8	4	3	1	3	4	4	5	9	6	
	ALL HOURS	10	14	10	9	6	4	3	4	7	7	6	11	8	15
CIG less than 200 feet and/or VSBY less than ½ mile	00 - 02	2	3	1	1	1	0	#	0	#	1	1	2	1	
	03 - 05	2	4	1	1	1	#	1	#	1	2	2	2	1	
	06 - 08	4	5	2	1	1	#	#	#	1	3	2	3	2	
	09 - 11	3	3	#	#	#	0	0	0	0	1	1	3	1	
	12 - 14	2	2	1	0	0	0	0	#	0	#	#	2	1	
	15 - 17	2	2	1	0	0	0	#	#	#	0	1	1	1	
	18 - 20	2	2	#	0	0	0	#	#	#	#	1	2	1	
	21 - 23	2	3	1	#	#	0	#	#	#	1	1	2	1	
	ALL HOURS	2	3	1	#	#	#	#	#	#	1	1	2	1	15

A W S	STATION NAME: FAIRCHILD AFB WA	FIELD ELEV: 2462 FT
	LATITUDE/LONGITUDE: 47 37 N 117 39 W	STATION MSC: 727855
CLIMATIC BRIEF	HOURLY OBS POR: OCT 79 - SEP 89	CALL SIGN: KSKA
	SUMMARY OF DAY POR: APR 40 - JUL 42, NOV 43 - SEP 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: SEP 85
APR 90	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	59	62	70	88	93	97	104	104	97	84	68	58	104	49
MEAN MAX TEMP (F)	31	38	46	56	65	72	82	80	71	58	41	33	56	49
MEAN TEMP (F)	26	32	38	46	55	62	69	68	59	48	35	29	48	49
MEAN MIN TEMP (F)	21	26	30	36	44	51	56	56	48	39	30	24	39	49
EXTRM MIN TEMP (F)	-21	-18	-3	22	27	35	31	35	26	15	-12	-18	-21	49
D/W TEMP GE 90 (F)	0	0	0	0	1	1	7	5	1	0	0	0	15	49
D/W TEMP GE 80 (F)	0	0	0	1	2	7	19	17	6	1	0	0	53	49
D/W TEMP LT 33 (F)	27	23	20	8	1	0	#	0	1	5	19	26	130	49
D/W TEMP LT 10 (F)	5	1	1	0	0	0	0	0	0	0	1	2	10	49
HEATING DEGREE DAYS	1192	915	822	563	333	144	36	44	193	518	877	1112	6749	45
COOLING DEGREE DAYS	0	0	0	#	10	49	174	148	32	#	0	0	413	45
MEAN DEWPOINT TEMP (F)	23	26	31	33	39	45	46	45	40	36	30	23	35	10
MEAN WET BULB TEMP (F)	26	30	36	41	47	53	56	55	49	42	33	26	41	10
99.95% WCPA (FT)	3050	3050	3000	2900	2800	2700	2650	2650	2800	2850	3100	3050	2900	10
MEAN REL HUM 07 LST(%)	82.9	82.1	81.5	70.8	70.6	68.5	61.8	60.4	69.6	77.1	86.5	83.9	74.6	10
MEAN REL HUM 13 LST(%)	78.2	72.0	61.1	47.8	46.8	44.9	36.2	33.3	40.5	52.3	77.4	80.3	55.8	10
MAX 24HR PRECIP (IN)	.97	1.20	1.75	1.13	1.68	1.41	1.06	1.48	.90	.96	1.23	1.15	1.75	47
MAX PRECIP (IN)	5.26	3.56	3.64	3.12	5.95	2.49	2.29	2.92	2.16	6.47	6.52	4.56	21.33	47
MEAN PRECIP (IN)	2.03	1.46	1.44	1.04	1.29	1.04	.49	.68	.79	1.14	2.13	2.19	15.81	47
MIN PRECIP (IN)	.41	.19	.12	.03	.13	.01	#	.00	#	#	.28	.56	9.97	47
D/W PRECIP GE .01 (IN)	13	11	11	8	8	7	4	4	5	8	12	14	105	47
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	1	1	1	1	1	1	12	47
MAX 24HR SNFL (IN)	7.8	8.8	5.4	2.7	1.3	#	#	0	#	4.8	8.0	10.8	10.8	43
MAX SNFL (IN)	50.7	31.6	11.4	6.3	1.3	#	#	0	#	5.0	25.2	36.6	93.3	43
MEAN SNFL (IN)	14.8	7.0	3.1	.6	.1	#	#	0	#	.4	6.3	13.8	46.0	43
D/W SNFL GE .1 (IN)	10	6	4	1	#	0	0	0	0	1	4	9	35	43
D/W SNFL GE 1.5 (IN)	4	2	1	#	0	0	0	0	0	#	1	4	12	43
MAX DLY SNO DEPTH (IN)	41	45	11	3	0	0	0	0	0	5	15	28	45	43
PRVLNG WND DIR (DEG)	$05-07	$05-07	20-22	20-22	20-22	20-22	$20-22	$20-22	$20-22	$05-07	20-22	$02-04	$20-22	10
MEAN WND SPD (KTS)	5	6	6	6	5	5	4	4	5	4	6	5	5	10
MAX WND SPD (KTS)	64	57	67	50	56	59	49	46	43	54	62	55	67	44
SKY COVER GT 5/10 (%)	78.0	73.9	65.0	60.9	61.0	53.8	34.0	33.3	40.0	49.5	73.0	79.3	58.7	10
D/W THUNDERSTORMS	0	#	1	1	1	3	2	2	1	1	#	0	12	40
D/W FOG (VSBY LT 7 MI)	20	15	9	4	4	2	1	1	3	9	18	22	108	40

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	47.8	32.2	17.6	4.3	4.4	2.9	1.2	1.2	5.0	6.7	34.4	54.9	17.7	10
	03 - 05	49.9	38.8	23.2	6.2	10.6	5.1	2.2	1.8	6.0	10.1	41.7	59.4	21.2	10
CIG	06 - 08	50.9	41.8	27.2	10.2	11.2	6.6	2.5	3.8	9.7	16.7	49.6	59.6	24.1	10
LT 3000 FT	09 - 11	47.1	40.3	26.6	10.2	12.2	6.8	2.7	3.2	6.4	13.4	44.3	55.4	22.4	10
AND/OR	12 - 14	42.3	35.3	19.9	8.0	8.4	5.7	1.4	1.1	5.1	7.8	36.4	48.2	18.3	10
VSBY	15 - 17	38.2	26.4	11.3	4.7	4.2	3.3	.9	.4	3.3	4.0	31.1	47.1	14.6	10
LT 3 MI	18 - 20	40.5	23.7	8.6	3.8	3.3	2.4	1.0	.2	2.7	2.9	27.6	50.0	13.9	10
	21 - 23	43.9	27.2	10.3	4.0	2.6	2.6	.8	.6	3.0	4.6	30.1	51.8	15.1	10
	ALL	45.1	33.2	18.1	6.4	7.1	4.4	1.6	1.5	5.2	8.3	36.9	53.3	18.4	10
	00 - 02	41.6	25.9	12.8	2.9	3.9	2.5	1.2	.9	4.0	5.9	29.0	50.1	15.1	10
	03 - 05	43.9	31.4	19.4	5.4	8.8	4.0	1.9	1.4	5.3	8.9	38.0	53.8	18.5	10
CIG	06 - 08	46.0	34.9	24.1	8.9	9.4	5.4	2.3	3.0	8.8	14.9	45.4	53.5	21.4	10
LT 1500 FT	09 - 11	41.9	32.4	19.7	4.8	8.0	3.8	1.2	2.0	4.6	11.0	39.0	50.6	18.2	10
AND/OR	12 - 14	36.6	26.5	9.6	2.3	3.4	2.6	.3	.5	2.9	4.1	27.8	43.3	13.3	10
VSBY	15 - 17	32.6	17.3	6.0	1.7	1.8	1.7	.4	.1	2.6	1.8	22.8	41.9	10.9	10
LT 3 MI	18 - 20	34.7	16.7	5.5	2.3	1.7	1.3	.8	.1	1.9	1.8	22.1	44.4	11.1	10
	21 - 23	38.7	21.2	8.6	2.6	1.8	1.8	.5	.5	2.0	4.2	25.7	47.2	12.9	10
	ALL	39.5	25.8	13.2	3.9	4.9	2.9	1.1	1.1	4.0	6.6	31.2	48.1	15.2	10
	00 - 02	37.7	23.2	11.2	2.6	3.4	2.3	.5	.6	2.9	4.9	26.4	45.7	13.4	10
	03 - 05	40.1	28.0	15.6	4.3	6.9	2.8	1.1	1.3	4.7	7.5	34.6	48.3	16.3	10
CIG	06 - 08	42.2	31.0	21.5	6.9	7.3	3.6	1.3	2.7	7.2	13.5	40.6	50.1	19.0	10
LT 1000 FT	09 - 11	37.4	28.6	14.7	2.4	3.7	1.6	.2	1.0	3.2	8.8	32.9	45.5	15.0	10
AND/OR	12 - 14	29.8	19.6	6.1	1.0	1.5	.7	.0	.2	1.2	1.9	18.6	37.3	9.8	10
VSBY	15 - 17	27.3	12.2	3.5	.4	.9	1.2	.0	.0	1.4	.9	15.9	34.8	8.2	10
LT 2 MI	18 - 20	31.4	12.7	4.6	1.2	1.2	.9	.1	.1	1.2	1.1	17.8	37.6	9.2	10
	21 - 23	34.7	17.3	7.3	2.0	1.4	1.4	.2	.3	1.8	3.9	22.2	41.8	11.2	10
	ALL	35.1	21.6	10.6	2.6	3.3	1.8	.4	.8	3.0	5.3	26.1	42.6	12.8	10
	00 - 02	12.2	6.9	2.4	.4	.1	.0	.0	.0	.7	2.3	8.1	15.3	4.0	10
	03 - 05	13.4	7.5	3.5	.6	1.2	.6	.0	.3	.9	3.1	11.1	17.7	5.0	10
CIG	06 - 08	15.1	9.7	4.9	.9	.5	.2	.2	.4	1.4	6.0	12.2	15.5	5.6	10
LT 200 FT	09 - 11	9.1	4.6	.6	.0	.0	.0	.0	.0	.1	2.2	6.0	10.4	2.7	10
AND/OR	12 - 14	6.3	1.1	.1	.0	.1	.0	.0	.0	.1	.0	1.3	4.8	1.1	10
VSBY	15 - 17	5.5	.8	.1	.0	.2	.0	.0	.0	.0	.0	1.0	6.3	1.2	10
LT 1/2 MI	18 - 20	7.8	2.2	.1	.0	.0	.0	.0	.0	.1	.0	2.7	8.3	1.8	10
	21 - 23	9.7	4.8	.5	.1	.0	.0	.0	.0	.2	1.2	5.3	11.9	2.8	10
	ALL	9.9	4.7	1.5	.2	.3	.1	.0	.1	.4	1.8	6.0	11.3	3.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS :

A W S CLIMATIC BRIEF October 1987	Station Name: FT LEWIS/GRAY AAF WA Latitude/Longitude: N47 05 W122 35 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: Apr 39 to Jul 40 LST = GMT -8	Jul 60 to Apr 87	Field Elev: 301 ft Station MSC: 742070 Call Sign: KGRF Supersedes: Jan 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	62	71	72	84	96	94	97	99	92	86	71	64	99	28
MEAN MAX TEMP °F	44	49	52	57	63	69	74	74	68	59	50	45	59	28
MEAN TEMP °F	39	42	45	48	54	59	63	64	59	51	44	40	51	28
MEAN MIN TEMP °F	33	35	36	39	44	49	52	53	49	43	38	35	42	28
XTRM MIN TEMP °F	5@	9	19	26	30	33	39@	39	32	24	3	4	3	28
D/W TEMP ≥ 80°F	0	0	0	#	1	4	8	7	2	#	0	0	22	28
D/W TEMP ≥ 75°F	0	0	0	1	3	7	14	14	6	#	0	0	45	28
D/W TEMP ≤ 32°F	14	10	9	4	1	0	0	0	#	2	7	12	59	28
D/W TEMP ≤ 25°F	4	1	#	0	0	0	0	0	0	#	1	2	8	28
VPR PRESS ("Hg)	.20	.22	.23	.23	.27	.32	.36	.38	.35	.29	.22	.19	.27	10
MEAN DEWPOINT °F	34	37	38	38	42	47	50	51	49	44	37	33	42	10
99.95% WCPA Ft	1050	1150	1000	800	700	600	500	550	700	800	1050	1050	850	11
MEAN RH 07 LST %	85	87	85	82	78	77	78	80	86	88	85	83	83	10
MEAN RH 13 LST %	75	73	63	58	58	56	55	54	61	68	75	76	64	10
MAX 24HR PRECIP "	2.6	2.0	2.2	1.6	1.3	1.6	1.3	1.6	1.6	2.7	3.2	2.0@	3.2	28
MAX PRECIP "	10.3	9.9	7.2	4.5	4.3	4.3	3.1	5.0	6.5	7.3	11.4	10.7	11.4	28
MEAN PRECIP "	5.8	4.5	3.9	2.8	1.8	1.7	.9	1.2	2.0	3.1	5.8	5.9	39.4	28
MIN PRECIP "	.3	1.4	.4	.4	.4	.1	#	#	#	.4	1.1	1.8	#	28
D/W PRECIP ≥ .01"	19	17	17	14	11	8	5	6	9	13	19	20	158	28
D/W PRECIP ≥ .5"	3	3	2	1	1	1	#	1	1	2	4	4	23	28
MAX 24HR SNFL "	9	5	7	#	#	0	0	0	0	#	5	8	9	27
MAX SNFL "	29	8	23	#	#	0	0	0	0	#	8	14	29	27
MEAN SNFL "	4	1	1	#	#	0	0	0	0	#	1	2	9	27
D/W SNFL ≥ .1"	2	1	1	0	0	0	0	0	0	0	1	2	7	27
D/W SNFL ≥ 1.5"	1	#	#	0	0	0	0	0	0	0	#	1	2	27
MEAN WND DRCTN	$S	$S	$S	$S	$S	$SSW	$SSW	$S	$S	$S	$S	$S	$S	10
MEAN WND SPD Kts	3	4	3	4	4	3	3	3	3	3	4	3	3	10
MAX WND SPD** Kts	53	48	43	39	42	29	27@	30	42	39	50	48	53	20
MEAN CLD CVR 10th	8	8	8	7	7	7	6	6	7	7	8	8	7	10
D/W TSTORMS	#	#	#	1	1	1	1	1	1	#	#	#	6	27
D/W FOG VSBY <7mi	19	17	13	10	7	6	6	10	15	19	17	20	159	27

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds $ = Percentage of calm winds ≥ mean direction
* = Data not available

REMARKS:

A W S CLIMATIC BRIEF October 1987	Station Name: FT LEWIS/GRAY AAF WA Latitude/Longitude: N47 05 W122 35 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: Apr 39 to Jul 40 LST = GMT -8 Jul 60 to Apr 87	Field Elev: 301 Station MSC: 742070 Call Sign: KGRF Supersedes: Jan 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	38	28	15	10	10	14	10	12	15	24	26	33	20	
	03-05	37	31	25	15	17	19	22	22	24	36	27	35	26	
CIG/VSBY	06-08	40	36	28	20	20	24	32	34	32	40	29	36	31	
	09-11	35	30	22	18	22	25	28	26	24	35	26	34	27	
LESS THAN	12-14	31	23	14	11	13	13	14	11	11	19	22	31	18	
	15-17	26	18	11	9	8	7	5	6	7	9	21	28	13	
3000/3	18-20	32	20	9	8	6	6	4	5	7	12	21	34	14	
	21-23	36	22	11	7	6	6	5	6	9	17	24	34	15	
	00-24	34	26	17	12	13	14	15	15	16	24	25	33	20	10
	00-02	29	18	8	2	1	4	4	4	7	18	18	24	11	
	03-05	29	21	16	6	5	7	11	11	16	29	19	24	16	
CIG/VSBY	06-08	29	25	19	11	8	10	19	23	21	34	21	25	20	
	09-11	26	18	11	6	5	7	10	13	14	27	17	23	15	
LESS THAN	12-14	21	11	3	2	2	2	2	3	3	10	12	21	8	
	15-17	16	8	3	1	1	1	1	1	1	4	10	17	5	
1500/3	18-20	22	10	3	1	2	2	1	1	2	6	12	21	7	
	21-23	26	13	4	1	1	2	2	2	4	11	15	24	9	
	00-24	25	16	8	4	3	4	6	7	9	17	16	22	11	10
	00-02	25	13	6	1	#	2	1	2	5	14	15	19	9	
	03-05	24	16	12	5	2	4	7	8	13	24	17	19	13	
CIG/VSBY	06-08	25	20	14	9	5	6	13	18	17	30	16	19	16	
	09-11	22	15	7	3	2	4	4	8	10	22	14	18	11	
LESS THAN	12-14	16	7	1	1	1	1	#	1	1	7	9	17	5	
	15-17	12	5	2	0	1	#	#	1	#	3	7	13	4	
1000/2	18-20	16	7	2	1	1	1	#	1	1	4	10	16	5	
	21-23	21	10	3	1	#	1	#	1	2	7	12	20	7	
	00-24	20	12	6	3	2	2	3	5	6	14	13	18	9	10
	00-02	10	5	1	0	0	#	0	#	2	7	7	9	3	
	03-05	9	8	3	2	#	#	1	2	3	14	6	8	5	
CIG/VSBY	06-08	10	8	6	2	#	#	1	4	6	15	6	9	6	
	09-11	8	4	2	0	0	0	0	#	1	7	6	8	3	
LESS THAN	12-14	2	#	0	0	0	0	0	0	0	0	1	3	1	
	15-17	2	0	0	0	0	0	0	0	0	0	1	3	1	
200/½	18-20	4	1	0	0	0	0	0	0	#	1	3	7	1	
	21-23	8	2	#	0	0	0	0	0	1	3	5	9	2	
	00-24	7	4	2	1	#	#	#	1	2	6	4	7	3	10

PREPARED BY: USAFETAC
APRIL 1984

STATION NAME : MCCHORD AFB WA
LOCATION : N48 09 W122 29

PERIOD: AUG 60-NOV 83
ELEV : 322 FT

STN LTRS:
WBAN NO:

TCM
742060

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	46	32	38	63	-6	5.8	12.4	.6	2.1	5	30	8
FEB	49	35	42	71	-1	4.4	10.4	1.4	2.6	1	9	8
MAR	52	35	44	76	12	3.7	7.0	.6	2.3	1	9	5
APR	58	39	48	83	27	2.7	5.7	.3	1.8	0	0	0
MAY	64	44	54	94	27	1.7	4.1	.1	1.4	0	0	0
JUN	69	50	59	99	35	1.4	4.2	.1	1.4	0	0	0
JUL	75	53	64	100	39	.8	2.6	0	1.3	0	0	0
AUG	74	53	64	99	38	1.3	5.4	0	1.5	0	0	0
SEP	69	48	59	96	31	2.0	5.1	0	1.7	0	0	0
OCT	60	43	51	83	20	3.6	7.6	.4	2.7	0	2	1
NOV	51	37	44	72	2	5.6	11.6	1.1	3.0	1	9	7
DEC	46	35	40	66	-5	6.1	10.6	2.3	2.8	2	16	7
ANN	59	42	51	100	-6	39.1	12.4	.6	1.0	10	30	8
YR	93	93	93	93	93	93	93	93	93	38	38	38

MONTH	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (ET) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.0	THUNDERSTORMS	FOG VSBY ≤ 1/4 MI 7AM	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 75	MIN ≤ 32	MIN ≤ 25
JAN	84	75	.19	33	1100	S	3	56	8	19	4	3	1	0	18	0	0	15	5
FEB	83	70	.21	36	1150	S	4	49	9	16	3	1	0	0	15	0	0	11	2
MAR	85	65	.21	36	1050	S	4	56	8	17	2	1	0	0	13	0	0	10	1
APR	85	59	.23	38	850	S	4	49	7	14	1	0	0	1	10	0	1	3	0
MAY	84	59	.28	43	700	S	4	39	7	11	1	0	0	1	6	2	4	0	0
JUN	85	58	.34	48	600	S	SW	40	7	9	1	0	0	1	7	1	7	0	0
JUL	85	57	.39	52	550	W	3	34	6	5	0	0	0	1	7	0	15	0	0
AUG	86	59	.40	53	600	SSW	3	36	6	6	1	0	0	1	12	7	14	0	0
SEP	86	60	.36	50	700	S	3	49	6	9	1	0	0	1	17	1	7	0	0
OCT	84	66	.29	44	800	S	3	76	7	14	2	0	0	0	21	0	1	2	0
NOV	84	73	.23	38	1050	S	4	48	8	18	4	1	0	0	19	0	0	0	1
DEC	86	77	.21	36	1100	S	4	56	8	20	4	1	0	0	20	0	0	11	3
ANN	85	65	.27	42	900	S	3	76	7	156	24	7	1	4	167	21	69	40	12
YR	93	93	93	93	93	10	10	10	10	10	10	10	10	10	10	93	93	38	38

REMARKS:

RUSSNO FOR:
HOURLY OBS: DEC 73 - NOV 83
DAILY OBS: AUG 60 - NOV 83

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS @ % CALM &RTR % PVLG. DIRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	41	29	28	11	10	15	13	17	19	27	36	37	23	
	03-05	45	31	27	20	19	24	24	32	29	36	34	37	30	
	06-08	46	38	27	23	23	30	33	42	39	45	32	39	35	
	09-11	43	30	26	20	28	31	34	35	31	37	29	36	32	
	12-14	37	26	21	13	14	17	15	19	16	20	23	29	21	
	15-17	34	23	16	11	8	10	5	8	9	10	20	29	15	
	18-20	35	21	13	10	7	7	4	8	9	11	25	30	15	
	21-23	40	26	15	9	7	7	7	9	11	19	31	34	18	
	ALL HRS	40	28	20	15	15	18	17	21	20	26	29	34	24	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	29	15	7	4	2	4	5	7	11	20	27	22	13	
	03-05	29	18	13	8	5	7	12	17	21	29	26	21	17	
	06-08	29	22	14	12	8	12	20	26	27	38	23	22	21	
	09-11	29	17	11	6	5	7	11	16	17	27	19	21	16	
	12-14	24	11	5	2	2	2	2	4	5	10	15	16	8	
	15-17	20	7	4	1	2	1	1	2	2	5	11	15	6	
	18-20	20	9	3	1	1	2	1	2	2	5	15	16	6	
	21-23	25	11	4	1	1	1	2	3	3	10	21	19	8	
	ALL HRS	26	14	8	4	3	5	7	10	11	18	20	19	12	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	23	13	5	2	1	1	2	4	9	16	21	18	9	
	03-05	23	15	8	6	2	3	8	13	15	24	22	16	13	
	06-08	23	17	10	9	5	5	14	20	22	33	21	16	16	
	09-11	23	13	7	3	2	2	4	11	11	21	16	15	11	
	12-14	17	7	2	1	1	1	0	1	2	6	11	11	5	
	15-17	14	4	1	0	0	1	1	1	1	2	9	11	4	
	18-20	15	5	1	0	0	1	0	1	1	3	12	11	4	
	21-23	19	8	2	1	0	0	0	1	2	7	18	16	6	
	ALL HRS	20	10	5	3	1	2	4	7	8	14	16	14	9	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	10	3	1	1	0	0	0	0	3	7	10	8	4	
	03-05	11	7	2	2	0	0	0	1	5	13	11	7	5	
	06-08	11	7	4	2	1	0	1	4	9	17	11	9	6	
	09-11	9	5	2	0	0	0	0	0	1	7	7	6	3	
	12-14	2	1	0	0	0	0	0	0	0	0	1	3	1	
	15-17	2	0	0	0	0	0	0	0	0	0	1	3	1	
	18-20	4	1	0	0	0	0	0	0	0	0	3	5	1	
	21-23	6	2	0	0	0	0	0	0	1	2	5	7	2	
	ALL HRS	7	3	1	1	0	0	0	1	2	6	7	6	3	10

PREPARED SEP 86
DL-A USAFETAC/DNS/90AC

STATION NAME: MOSES LAKE/GRANT CO WA
LOCATION: N 47 12 E 119 19

ELEVATION: 1185 FT STATION ID: KMLH
GMT TO LST: -8 WSC # 727827

A W S
CLIMATIC BRIEF
FOR LIMITED
DUTY STATIONS

CAUTION: MEANS AND EXTREMES BELOW ARE ONLY FOR THE HOURS 0600 - 2200 LST
PERIOD OF RECORD: NOV 72 - OCT 85

MONTH	TEMPERATURES DAILY MEAN HIGH (F)	AVG (F)	LOW (F)	RELATIVE HUMIDITY 07	13 LST	VAPOR PRESS (INS) MS	DEW PT (F)	PRESS ALT FEET 99.95%	SURFACE WINDS PVLG DCTN 16PT	AVG KTS	HIGH KTS	NO CEILING (%)
JAN	32	27	22	80	75	.12	22	1850	SW	9	*	23
FEB	41	35	28	85	71	.15	28	1900	SW	5	*	30
MAR	50	45	35	77	49	.18	32	1850	SS	6	*	44
APR	62	52	41	66	39	.20	34	1750	SS	7	*	51
MAY	72	60	48	58	33	.23	38	1650	SS	6	*	51
JUN	80	68	56	50	30	.26	41	1550	SS	6	*	60
JUL	89	75	60	49	25	.30	45	1500	SS	6	*	71
AUG	88	73	59	53	27	.30	45	1550	SS	5	*	70
SEP	77	63	49	62	32	.26	41	1650	SS	5	*	66
OCT	64	52	39	70	39	.20	34	1700	SW	9	*	58
NOV	45	38	32	81	67	.17	30	1900	SW	9	*	33
DEC	33	28	22	84	75	.12	22	1900	SW	9	*	29
ANN	61	51	41	68	47	.20	35	1600	SS	5	*	49
YRS	10	10	10	15	10	10	10	10	10	10		10

THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION: THEY WERE THEREFORE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
TEMPERATURES														
EXT MAX (F)	65	64	75	93	97	103	106	113	100	89	71	61	113	42
MEAN (F)	27	35	42	51	60	67	74	72	64	51	38	31	51	42
EXT MIN (F)	-28	-28	6	18	28	32	36	36	25	15	-9	-15	-28	42
PRECIPITATION														
MAX 24-HOUR	1.0	.6	.7	.6	.9	1.4	.8	.8	.9	.7	.8	.7	1.4	42
MAX MON (INS)	2.1	1.6	1.2	1.5	1.6	2.1	1.1	1.1	2.2	2.3	1.4	1.9	2.3	42
MEAN (INS)	1.0	.7	.6	.5	.7	.6	.3	.4	.4	.6	1.0	1.2	7.7	42
MIN MON (INS)	.4	#	#	0	#	#	#	#	#	#	.2	.1	0	42
SNOWFALL														
MAX 24-HOUR	10	4	4	#	0	0	0	0	0	#	4	4	10	42
MAX MON (INS)	22	12	7	#	0	0	0	0	0	2	16	26	26	42
MEAN (INS)	7	2	1	#	0	0	0	0	0	#	2	6	18	42
MIN MON (INS)	#	0	0	0	0	0	0	0	0	0	0	#	0	42
PEAK WIND KTS	54	49	61	51	47	58	51	55	48	49	54	57	61	42
DAYS WITH														
THUNDERSTORMS	0	0	#	#	1	2	1	2	#	#	0	0	7	42
FOG	17	13	3	#	#	1	#	#	1	3	12	15	78	42
MEAS. PRECIP.	3	6	6	5	5	5	2	3	4	5	7	4	55	42

REMARKS:

SYMBOLS: * DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION # AMOUNTS < UNITS SHOWN IN HEADING & SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS
CEILING LESS	00 - 05	52	34	9	2	3	2	#	1	3	4	29	42	15	10
THAN 3000 FT	06 - 08	48	34	9	3	4	3	1	1	3	5	29	40	15	10
AND/OR	09 - 11	46	30	8	2	4	3	1	1	2	4	28	37	14	10
VISIBILITY	12 - 14	44	24	5	2	3	1	1	#	2	2	22	33	12	10
LESS THAN	15 - 17	45	23	3	1	2	1	#	#	1	1	19	35	11	10
3 MI	18 - 23	45	23	#	1	3	#	0	0	#	2	21	38	11	10
CEILING LESS	00 - 05	43	27	5	1	3	2	#	1	3	4	25	35	12	10
THAN 1500 FT	06 - 08	37	27	5	1	3	2	1	1	2	4	25	35	12	10
AND/OR	09 - 11	34	24	5	1	2	1	1	#	1	3	21	32	10	10
VISIBILITY	12 - 14	33	17	2	1	2	#	#	#	1	2	16	29	9	10
LESS THAN	15 - 17	32	17	1	0	2	1	#	#	1	1	15	29	8	10
3 MI	18 - 23	33	17	1	#	2	#	0	0	1	1	15	30	8	10
CEILING LESS	00 - 05	34	22	4	1	2	2	1	#	1	3	22	30	10	10
THAN 1000 FT	06 - 08	30	21	4	1	2	1	1	1	1	4	21	29	10	10
AND/OR	09 - 11	27	16	3	#	2	1	#	#	1	2	17	29	8	10
VISIBILITY	12 - 14	24	11	1	#	2	0	#	0	#	1	13	24	6	10
LESS THAN	15 - 17	23	10	1	0	1	#	0	0	0	1	11	24	6	10
2 MI	18 - 23	24	11	1	#	2	0	0	0	0	1	11	24	6	10
CEILING LESS	00 - 05	12	10	1	0	0	0	0	0	1	2	9	10	4	10
THAN 200 FT	06 - 08	9	6	#	0	#	0	0	0	#	1	5	7	2	10
AND/OR	09 - 11	4	2	0	0	#	0	0	0	0	0	1	6	1	10
VISIBILITY	12 - 14	4	1	0	0	1	0	0	0	0	0	2	5	1	10
LESS THAN	15 - 17	6	2	0	0	1	0	0	0	0	0	2	8	2	10
1/4 MI	18 - 23	8	3	0	0	#	0	0	0	0	#	2	9	2	10

AWS CLIMATIC BRIEF

PAINE FLD/EVERETT/SNOHOMISH CO., WASHINGTON PERIOD 1941-64B

WBAN # 24203
WMO #

Prepared by ETAC (APR 1970)

N 47 54 W 122 17

ELEVATION: 613 ft STN LTRS: KPAE

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK GUSTS) SPEED	MEAN RELATIVE HUMIDITY (%) 0400	1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (Feet) 99.95%	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	MAXIMUM ≥ 80	MINIMUM ≤ 32	MINIMUM ≤ 0	MEAN CLDS (TENTHS)
JAN	60	42	32	3	4.2	1.6	7	9	SE	7	44	86	78	32	.18	1600	18	2	4	1	#	20	0	0	14	0	8
FEB	68	46	35	9	3.9	2.0	4	4	SSE	7	54	88	76	35	.20	1500	17	2	3	1	#	16	0	0	9	0	8
MAR	75	49	36	14	3.5	1.8	2	4	SSE	7	40	87	68	35	.20	1400	18	2	2	#	#	17	0	0	8	0	8
APR	76	55	40	30	2.5	1.3	#	1	SSE	7	48	89	64	39	.24	1150	15	1	#	0	1	13	0	0	3	0	8
MAY	88	61	45	32	2.4	1.8	#	#	N	6	40	89	64	45	.30	1000	12	1	0	0	1	12	0	1	#	0	7
JUN	95	66	49	39	1.9	3.2	0	0	N	6	35	90	67	49	.35	900	10	1	0	0	1	13	#	1	0	0	7
JUL	95	72	52	41	0.8	1.2	0	0	N	6	30	90	62	52	.39	850	6	#	0	0	1	14	#	4	0	0	5
AUG	94	71	53	42	1.1	1.0	0	0	N	6	26	92	65	53	.40	800	7	#	0	0	1	19	#	3	0	0	6
SEP	94	67	50	37	1.8	1.6	0	0	N	6	34	91	66	51	.37	950	8	1	0	0	1	21	#	2	0	0	6
OCT	83	58	45	30	3.6	1.8	0	0	SE	6	70	91	73	46	.31	1200	14	2	0	0	1	23	0	#	#	0	7
NOV	73	49	38	8	5.3	2.0	1	4	SE	6	44	88	77	39	.24	1350	18	3	1	#	#	21	0	0	5	0	8
DEC	65	45	36	14	4.1	1.5	3	6	SE*	7	40	89	82	36	.21	1450	19	2	2	1	#	21	0	0	10	0	8
ANN	95	57	43	3	35.1	3.2	17	9	SSE	6	70	89	70	43	.28	1250	102	17	12	3	7	210	#	11	49	0	7
EYR	21	21	21	21	21	21	17	17	21	21	7	21	21	21	21	17	21	21	17	17	17	17	21	21	21	21	17

REMARKS

RUSSWO POR: Hourly Obs: Oct 41-Nov 45, Jan 48-Nov 64
Daily Obs: Oct 41-Nov 45, Jan 48-May 64

* Prevailing Wind Directions (Primary Annual Prevailing Direction is "SSE")

NOTE; -DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (%FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	46	36	35	29	23	27	20	25	29	38	39	49	33	
	03-05	47	42	41	36	34	39	36	42	43	47	45	51	42	
	06-08	49	45	46	40	41	47	42	51	48	54	48	50	47	
	09-11	48	43	45	43	40	46	37	42	40	47	46	52	44	
	12-14	47	40	41	30	26	32	21	25	25	35	41	49	34	
	15-17	44	36	32	21	17	21	10	15	18	29	40	48	28	
	18-20	41	34	30	20	14	16	7	13	17	28	39	46	25	
	21-23	41	34	31	21	16	21	10	14	20	31	39	46	27	
	ALL HOURS	45	39	38	30	26	31	23	28	30	39	42	49	35	21
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	31	24	20	16	12	17	13	16	21	29	28	33	22	
	03-05	32	29	23	21	20	26	28	31	33	38	32	35	29	
	06-08	34	31	28	25	27	34	33	40	42	43	34	35	34	
	09-11	36	30	26	20	20	25	21	30	29	34	31	37	28	
	12-14	31	23	18	8	9	12	6	11	15	21	25	33	18	
	15-17	29	21	14	6	5	8	3	5	9	18	25	31	15	
	18-20	28	20	14	7	5	7	3	4	10	18	26	31	14	
	21-23	28	23	14	8	6	9	4	6	14	22	25	33	16	
	ALL HOURS	31	25	20	14	13	17	14	18	22	28	28	34	22	21
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	22	17	13	10	7	11	8	12	16	22	23	24	15	
	03-05	23	21	15	13	12	19	21	24	27	31	25	26	21	
	06-08	24	22	19	16	18	25	25	33	35	35	27	28	26	
	09-11	27	21	15	9	10	15	12	17	23	25	23	28	19	
	12-14	22	14	9	4	5	5	3	5	10	14	14	23	11	
	15-17	21	14	9	4	3	4	1	2	6	12	17	22	10	
	18-20	21	14	8	4	4	4	2	2	7	14	18	22	10	
	21-23	20	16	8	5	4	6	2	4	9	15	19	24	11	
	ALL HOURS	23	17	12	8	8	11	9	12	17	21	21	25	15	21
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	7	4	2	1	1	2	3	3	6	9	8	7	4	
	03-05	7	5	3	2	2	4	8	7	13	15	10	9	7	
	06-08	7	6	4	1	2	3	6	8	15	16	10	9	7	
	09-11	5	3	1	#	#	#	1	1	5	7	6	5	3	
	12-14	3	1	#	#	#	#	#	#	1	2	3	4	1	
	15-17	4	1	#	#	#	#	0	#	#	1	3	4	1	
	18-20	5	2	1	#	#	#	0	#	#	3	6	5	2	
	21-23	6	3	1	#	#	#	#	1	2	5	7	6	3	
	ALL HOURS	5	3	1	1	1	1	2	3	5	7	7	6	4	21

A W S CLIMATIC BRIEF May 1988	Station Name: SEATTLE/BOEING FLD WA Latitude/Longitude: N47 32 W122 18 Hourly Obs POR: Jan 59 to Dec 64 Jan 73 to Dec 81 Summary of Day POR: See Rmks	Field Elev: 17 ft Station MSC: 727935 Call Sign: BFI Supersedes: See Rmks

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	66	70	70	84	93	94	96	100	93	86	74	66	100	15
MEAN MAX TEMP °F	46	50	53	59	65	70	76	74	70	61	51	47	60	15
MEAN TEMP °F	41	45	47	52	57	62	67	66	62	54	46	43	53	15
MEAN MIN TEMP °F	36	39	40	44	48	54	58	57	53	47	40	36	46	15
XTRM MIN TEMP °F	12	20	27	31	36	42	46	46	40	30	21	10	10	15
D/W TEMP ≥ 80°F	0	0	0	#	2	4	10	7	3	#	0	0	26	15
D/W TEMP ≥ 75°F	0	0	0	1	3	8	17	14	7	1	0	0	51	15
D/W TEMP ≤ 40°F	20	15	14	5	1	0	0	0	0	2	13	18	88	15
D/W TEMP ≤ 32°F	10	4	2	#	0	0	0	0	0	#	4	6	26	15
VPR PRESS "Hg	.18	.20	.21	.24	.29	.34	.39	.40	.38	.30	.23	.22	.28	9
MEAN DEWPOINT °F	32	35	36	39	44	48	52	53	51	45	38	37	43	9
99.95% WCPA Ft	750	800	650	500	400	250	250	300	400	550	650	750	550	9
MEAN RH 04 LST %	76	80	78	77	78	77	76	80	83	85	82	82	80	9
MEAN RH 13 LST %	68	66	59	53	54	53	51	57	58	65	70	73	61	9
MAX 24HR PRECIP "	2.2	2.6	2.3	1.8	0.9	0.9	0.7	1.0	1.8	1.1	2.3	1.6	2.6	18
MAX PRECIP "	11.6	8.6	7.0	3.5	4.6	3.3	1.8	2.0	3.5	6.8	8.5	8.2	11.6	18
MEAN PRECIP "	5.9	4.4	3.2	2.2	1.4	1.2	0.6	0.9	1.5	3.3	6.1	5.1	35.8	18
MIN PRECIP "	0.8	1.8	0.6	0.4	0.5	0.3	#	#	0.3	0.9	0.9	3.0	#	18
D/W PRECIP ≥ .01"	20	16	17	14	11	9	5	7	8	15	19	20	161	18
D/W PRECIP ≥ .5"	4	3	1	1	1	#	#	#	1	2	4	3	20	18
MAX 24HR SNFL "	8	6	3	#	0	0	0	0	0	0	5	5	8	18
MAX SNFL "	26	11	13	#	0	0	0	0	0	0	9	7	26	18
MEAN SNFL "	5	2	1	#	0	0	0	0	0	0	1	1	10	18
D/W SNFL ≥ .1"	3	1	1	0	0	0	0	0	0	0	#	1	6	18
D/W SNFL ≥ 1.5"	1	#	0	0	0	0	0	0	0	0	#	#	1	18
MEAN WND DRCTN	SSE	SSE	SSE	SSE	SSE	SSW	NNW	NNW	SSE	SSE	SSE	SSE	SSE	9
MEAN WND SPD Kts	6	7	7	7	7	7	6	6	6	6	6	7	6	9
MAX WND SPD** Kts	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN CLD CVR 10th	8	8	8	8	7	7	6	6	6	7	8	8	7	9
D/W TSTORMS	#	#	#	#	#	#	#	#	#	#	#	#	#	0
D/W FOG VSBY <7mi	16	13	9	8	7	6	5	11	14	18	18	19	144	0

Legend: ANN = Annual; YOR = Years of record; POR = Period of record
D/W = Mean number of days with...; WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months; # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds; $ = Percentage of calm winds ≥ mean direction
* = Data not available

This brief is a merger of data from two earlier briefs (Oct 79 and Oct 83) for Boeing Field. Data sources were:

1. RUSSWO, POR Jan 48 to Sep 65.
2. TDF 14 data, POR 1955 to 1964.
3. Climatography of the U.S. No. 40-45, Climatic Guide for Seattle, Washington, and adjacent Puget Sound area, POR 1950-1960.
4. Worlwide Airfield Summary, POR unknown.
5. USAFETAC DATSAV, POR Jul ?? to Dec 75.
6. Data from Seattle-Tacoma Airport Summary, POR 1921-1950.

Note that for lack of summary of day data, temperature information was extracted from hourly observations.

A W S CLIMATIC BRIEF	Station Name: SEATTLE/BOEING FLD WA	Field Elev: 17 ft
	Latitude/Longitude: N47 32 W122 18	Station WSC: 727933
	Hourly Obs POR: Jan 59 to Dec 64 Jan 73 to Dec 81	Call Sign: BFI
May 1988	Summary of Day POR: See Rmks	Supersedes: See Rmks

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00-02	39	30	25	20	17	21	14	20	18	23	40	40	26	
	03-05	41	38	30	27	26	29	24	31	29	36	39	46	33	
CIG/VSBY	06-08	42	42	37	37	33	38	34	46	40	46	42	44	40	
	09-11	42	35	34	32	29	33	30	38	34	40	38	43	36	
LESS THAN	12-14	39	28	25	19	15	16	14	20	18	25	31	41	24	
	15-17	34	22	20	10	11	8	5	12	11	16	27	35	18	
3000/3	18-20	32	24	19	12	8	6	5	8	8	14	28	35	17	
	21-23	34	27	22	15	9	9	8	11	11	15	34	38	19	
	00-24	38	31	27	22	19	20	17	23	21	27	35	40	27	9
	00-02	21	10	5	6	5	4	4	8	8	13	20	19	10	
	03-05	24	17	9	8	9	11	10	19	17	24	22	21	16	
CIG/VSBY	06-08	25	17	12	14	12	15	20	28	26	33	25	20	21	
	09-11	24	14	10	6	8	6	11	15	16	24	22	19	15	
LESS THAN	12-14	20	10	5	3	3	2	3	5	5	10	13	17	8	
	15-17	17	8	3	1	3	2	1	4	3	5	11	14	6	
1500/3	18-20	15	6	4	2	2	2	1	3	3	4	11	13	6	
	21-23	16	8	3	3	1	2	1	3	4	7	14	17	7	
	00-24	20	11	6	5	5	6	6	11	10	15	17	18	11	9
	00-02	12	6	2	2	1	2	1	3	4	8	12	11	5	
	03-05	16	11	3	3	2	4	5	9	11	17	16	12	9	
CIG/VSBY	06-08	16	11	7	6	4	5	11	18	18	25	19	12	13	
	09-11	16	8	5	3	3	2	4	6	10	16	16	13	9	
LESS THAN	12-14	12	4	2	#	1	#	1	2	2	5	7	9	4	
	15-17	8	4	1	0	1	1	1	2	1	2	5	8	3	
1000/2	18-20	8	2	1	#	1	1	1	1	1	3	6	7	3	
	21-23	9	2	1	1	0	1	1	#	2	3	8	8	3	
	00-24	12	6	3	2	2	2	3	5	6	10	11	10	6	9
	00-02	3	2	0	#	0	0	0	#	1	3	5	3	1	
	03-05	4	3	1	1	0	0	0	#	2	6	7	5	2	
CIG/VSBY	06-08	5	4	2	1	0	0	0	#	4	8	10	4	3	
	09-11	4	2	1	0	0	0	0	0	#	2	4	3	1	
LESS THAN	12-14	0	0	0	0	#	0	0	0	0	#	#	1	#	
	15-17	#	0	0	0	0	0	0	0	0	0	#	1	#	
200/ 1/2	18-20	1	0	0	0	0	0	0	0	0	#	1	1	#	
	21-23	2	#	0	0	0	0	0	0	#	1	3	1	1	
	00-24	2	1	1	#	#	0	0	#	1	3	4	2	1	9

PREPARED BY: USAPETAC JULY 1982

STATION NAME: SEATTLE/TACOMA IAP WA
LOCATION: N47 27 W122 18

PERIOD: JAN 48-DEC 81
ELEV: 428 FT

SYN LTRS: SEA
WBC NO: 727930

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	44	34	39	64	7	5.5	12.9	.8	2.3	7	57	20
FEB	49	37	43	70	1	4.4	9.1	1.6	3.0	2	13	7
MAR	51	37	44	71	11	3.7	8.9	.6	2.7	2	18	5
APR	57	40	49	85	29	2.4	6.2	.3	1.9	0	2	1
MAY	64	46	55	93	28	1.6	4.8	.4	1.8	0	0	0
JUN	69	51	60	96	38	1.4	3.8	.1	1.8	0	0	0
JUL	75	54	65	98	43	.8	2.1	0	.9	0	0	0
AUG	74	54	64	99	44	1.3	4.6	0	1.6	0	0	0
SEP	69	51	60	94	35	2.1	6.7	0	1.7	0	0	0
OCT	59	45	52	82	23	3.6	7.8	.7	2.7	0	2	2
NOV	51	39	45	74	6	5.7	9.7	.7	3.4	1	6	5
DEC	46	36	41	63	6	6.3	11.9	1.4	2.1	3	22	9
ANN	59	44	51	99	1	39.1	12.9	0	3.4	15	57	20
YRS	36	36	36	36	36	36	36	36	36	36	36	36

MONTH	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (MB Hg)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (36 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER STORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 75	MIN ≤ 32	MIN ≤ 25
JAN	76	69	.17	31	1150	S	7	47	8	19	6	4	1	0	16	0	0	12	6
FEB	79	68	.20	35	1200	S	8	52	8	16	2	1	0	0	14	0	0	7	1
MAR	79	63	.21	36	1050	S	8	46	8	17	2	1	0	1	11	0	0	5	0
APR	80	56	.24	39	900	S	8	37	7	14	1	0	0	1	9	0	0	1	0
MAY	79	56	.28	43	800	S	7	40	7	10	1	0	0	1	8	1	3	0	0
JUN	77	54	.32	47	650	S	7	27	7	9	1	0	0	1	8	4	7	0	0
JUL	78	52	.34	51	600	S	7	25	6	5	1	0	0	1	9	9	15	0	0
AUG	84	59	.40	53	700	S	6	31	6	7	1	0	0	1	13	7	13	0	0
SEP	84	60	.38	51	800	N	7	30	6	10	1	0	0	1	17	3	7	0	0
OCT	86	67	.30	45	950	S	7	35	7	13	2	0	0	0	14	0	1	0	0
NOV	82	73	.23	38	1100	S	8	50	8	17	4	1	0	1	16	0	0	5	0
DEC	81	75	.21	36	1150	S	8	47	8	20	4	2	1	0	19	0	0	8	1
ANN	80	63	.27	42	950	S	7	58	7	157	23	9	2	8	163	24	48	38	8
YRS	9	9	9	9	9	9	9	9	9	36	36	36	36	36	36	36	36	36	36

REMARKS

RUSSMO FOR:
HOURLY OBS: JAN 73-DEC 81
DAILY OBS: JAN 48-DEC 81

NOTE * DATA NOT AVAILABLE # UNITS < UNITS SHOWN IN HEADING ** OBTAINED FROM PEAK WINDS § % COLD DAYS & PVLG. DIRCTN ‡ RANGE OF < FULL MONTH

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	41	37	33	27	22	24	18	23	24	22	42	47	30	
	03-05	44	41	39	31	30	33	28	36	31	38	43	51	37	
	06-08	49	47	39	39	35	40	36	52	43	46	44	49	43	
	09-11	46	39	35	34	28	32	30	43	35	41	38	47	37	
	12-14	44	33	26	20	14	17	17	24	19	27	38	45	27	
	15-17	40	26	22	14	9	9	8	14	11	18	31	43	20	
	18-20	39	28	24	15	8	7	6	10	12	17	33	44	20	
	21-23	40	34	28	20	11	10	11	11	15	19	36	43	24	
	ALL HRS	43	36	31	25	20	22	19	27	24	28	38	46	30	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	29	26	19	11	9	9	8	15	13	24	24	29	19	
	03-05	26	22	18	15	17	19	17	26	20	27	25	30	22	
	06-08	31	25	21	23	18	22	25	38	29	36	27	28	27	
	09-11	30	20	16	14	10	12	17	25	20	28	23	26	20	
	12-14	27	15	8	6	3	4	4	9	7	15	18	27	12	
	15-17	22	10	6	2	2	2	1	5	4	8	14	23	9	
	18-20	21	9	6	4	2	2	1	3	3	8	16	21	8	
	21-23	21	15	12	5	3	3	3	5	6	10	19	21	10	
	ALL HRS	25	17	13	10	8	9	9	15	13	18	21	25	15	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	17	10	5	5	3	5	3	7	8	9	16	17	9	
	03-05	19	14	7	8	6	10	10	19	14	20	19	19	14	
	06-08	20	16	11	11	9	11	17	27	21	26	21	17	17	
	09-11	20	12	8	7	6	6	8	17	13	20	16	17	13	
	12-14	17	9	3	1	1	2	1	5	4	8	12	15	7	
	15-17	13	6	3	1	2	2	0	3	2	6	9	13	5	
	18-20	14	5	3	1	1	1	0	2	2	6	9	13	5	
	21-23	15	7	3	2	1	2	2	3	4	6	12	14	6	
	ALL HRS	17	10	5	5	4	5	5	10	9	12	15	16	9	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	5	2	1	0	0	0	0	0	2	4	7	5	2	
	03-05	7	5	0	0	0	1	0	1	1	9	6	4	4	
	06-08	7	5	2	2	0	1	2	0	6	11	10	4	5	
	09-11	0	1	1	0	0	0	0	2	1	7	0	4	3	
	12-14	3	1	0	0	0	0	0	0	0	1	1	2	1	
	15-17	2	0	0	0	0	0	0	0	0	0	1	2	0	
	18-20	2	0	0	0	0	0	0	0	0	0	2	2	1	
	21-23	0	1	0	0	0	0	0	0	0	1	0	1	1	
	ALL HRS	5	2	1	0	0	0	0	2	2	4	5	4	2	9

AWS CLIMATIC BRIEF

Prepared by ETAC (JUN 1971)

SPOKANE INTL WBAS, WASHINGTON — N 47 37 — W 117 32 — PERIOD: 1931-70 — ELEVATION: 2382 ft

WBAN # 24157
WMO # 72785
STN LTRS: KGEG

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN					MEAN NUMBER OF DAYS										MEAN CLDS (TENTHS)
	[1] EXTREME MAXIMUM	[1] MEAN DAILY MAXIMUM	[1] MEAN DAILY MINIMUM	[1] EXTREME MINIMUM	[1] MEAN TOTAL	[1] MAXIMUM IN 24 HOURS	[1] MEAN SNOWFALL	[1] MAX SNOWFALL IN 24 HOURS	[2] PREVAILING DIRECTION	[1] MEAN SPEED	[1,3] EXTREME (FASTEST) SPEED (MILE)	RELATIVE HUMIDITY (%) 0400	RELATIVE HUMIDITY (%) 1300	DEW POINT (°F)	VAPOR PRESSURE (In Hg)	PRESSURE ALTITUDE 99.95% (ft msl)	[1] PRECIP ≥ 0.01	[1] PRECIP ≥ 0.5	[1] SNOWFALL ≥ 0.1	[1] SNOWFALL ≥ 1.5	[1] THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	
JAN	53	31	19	-24	2.4	1.5	20	13	SSW	7	43	84	76	20	.11	3200	15	1	11	4	#	19	0	0	27	4	7
FEB	61	37	23	-22	1.9	1.1	7	8	SSW	8	47	84	70	25	.14	3050	12	#	7	2	#	13	0	0	23	1	7
MAR	71	47	29	-3	1.5	0.9	5	5	SSW	8	47	80	57	27	.15	3050	11	#	5	1	#	8	0	0	22	#	7
APR	84	59	36	17	0.9	0.9	1	5	SW	8	43	76	43	31	.17	2950	8	#	1	#	1	4	0	#	10	0	6
MAY	92	69	43	24	1.2	1.7	#	4	SW	7	43	76	43	38	.23	2800	9	1	#	#	1	3	#	3	2	2	6
JUN	98	75	49	34	1.5	2.1	#	#	SSW	7	34	73	39	43	.28	2750	8	1	0	0	3	2	1	8	0	0	6
JUL	103	86	55	39	0.4	0.8	0	0	SW	7	37	63	29	44	.29	2650	4	#	0	0	4	#	9	22	0	0	3
AUG	108	83	53	35	0.4	1.1	0	0	SW	7	33	63	32	43	.28	2600	5	#	0	0	2	1	6	18	0	0	4
SEP	96	75	47	25	0.8	0.9	0	0	SW	7	33	69	36	39	.24	2750	6	#	0	0	1	2	1	9	1	0	4
OCT	85	60	38	20	1.6	1.0	#	6	SSW	7	49	82	55	37	.22	2900	8	1	#	#	#	10	0	#	8	0	6
NOV	65	43	29	-11	2.2	1.4	5	7	SSW	7	47	86	72	30	.17	3100	12	1	4	1	#	16	0	0	19	#	7
DEC	54	36	24	-25	2.4	1.6	16	12	SSW	7	44	88	81	25	.14	3100	16	1	10	4	0	20	0	0	26	1	8
ANN	108	58	37	-25	17.2	2.1	54	13	SSW	7	49	77	53	33	.19	2950	114	6	38	12	10	98	17	60	136	6	6
EYR	23	30	30	23	30	23	23	23	19	23	23	19	19	19	19	19	23	19	19	19	23	19	19	19	19	19	19

REMARKS

[1] MEANS AND EXTREMES FROM THE NOAA/EDS LOCAL CLIMATOLOGICAL DATA SUMMARY, 1970.
[2] NE IS SIGNIFICANT AS A SECONDARY PREVAILING DIRECTION BECAUSE OF ITS HIGH RATE OF OCCURRENCE.
[3] FASTEST MILE CONVERTED TO KNOTS.

RUSSWO POR: HRLY AND DAILY OBS: JAN 48-MAY 67.

NOTE; -DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	41	32	15	7	6	4	#	1	2	13	33	48	17	
	03-05	45	37	20	12	8	7	1	2	3	19	30	51	20	
	06-08	50	40	23	13	14	9	1	3	5	23	42	54	23	
	09-11	47	38	27	16	14	10	2	5	6	23	39	52	23	
	12-14	43	33	23	8	9	5	1	2	4	16	34	50	19	
	15-17	30	26	16	5	5	3	1	1	2	9	28	45	15	
	18-20	37	25	14	4	3	2	1	1	2	9	26	44	14	
	21-23	38	29	13	5	4	2	#	1	2	11	31	47	15	
	ALL HOURS	42	32	19	9	8	5	1	2	3	16	34	49	18	18
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	35	27	11	4	3	2	#	1	2	10	27	42	14	
	03-05	37	31	15	8	6	5	1	2	2	16	32	46	17	
	06-08	43	33	19	10	9	6	1	3	4	21	36	49	20	
	09-11	41	31	17	8	6	4	1	3	3	18	34	48	18	
	12-14	35	23	11	2	3	2	#	1	1	9	25	43	13	
	15-17	30	19	9	1	2	1	#	1	1	5	20	37	11	
	18-20	29	19	8	1	1	1	#	1	1	6	20	36	10	
	21-23	31	23	10	2	3	1	#	1	1	8	24	39	12	
	ALL HOURS	35	26	12	5	4	3	#	1	2	12	27	43	14	15
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	28	23	8	3	2	1	0	1	1	9	23	36	11	
	03-05	31	26	11	5	4	3	#	1	2	14	28	41	14	
	06-08	37	28	15	7	6	3	#	2	3	18	32	43	16	
	09-11	32	24	10	4	3	2	#	1	2	13	26	41	13	
	12-14	26	16	6	1	1	1	0	#	#	6	18	35	9	
	15-17	21	14	6	#	1	1	#	1	#	3	15	30	8	
	18-20	23	15	6	1	1	1	#	1	1	4	16	32	9	
	21-23	25	19	8	2	2	1	0	1	1	6	19	34	10	
	ALL HOURS	28	21	9	3	2	2	#	1	1	9	22	36	11	13
CIG less than 200 feet and/or VSBY less than ¼ mile	00-02	7	8	1	#	0	#	0	#	#	3	8	14	3	
	03-05	9	9	3	1	1	1	#	#	#	6	10	15	5	
	06-08	9	10	2	1	1	#	#	#	1	9	11	15	5	
	09-11	6	7	1	0	0	0	0	0	#	4	6	12	3	
	12-14	4	2	#	0	0	0	0	0	0	#	3	7	1	
	15-17	4	2	#	0	0	0	0	0	0	#	3	7	1	
	18-20	5	4	#	0	0	0	0	#	0	1	4	10	2	
	21-23	6	6	1	#	0	0	0	#	0	2	5	12	3	
	ALL HOURS	6	6	1	#	#	#	#	#	#	3	6	12	3	18

AWS CLIMATIC BRIEF

WHIDBEY I NAS/AULT FIELD, WASHINGTON — PERIOD: 1945-70B — WBAN # 24255 — WMO #

Prepared by ETAC (AUG 1971) — N 48 21 W 122 39 — FIELD ELEVATION: 47 ft — STN LTRS: KNUW

MONTH	TEMPERATURE (°F) EXTREME MAXIMUM	TEMPERATURE (°F) MEAN DAILY MAXIMUM	TEMPERATURE (°F) MEAN DAILY MINIMUM	TEMPERATURE (°F) EXTREME MINIMUM	PRECIPITATION (in) MEAN TOTAL	PRECIPITATION (in) MAXIMUM IN 24 HOURS	PRECIPITATION (in) MEAN SNOWFALL	PRECIPITATION (in) MAX SNOWFALL IN 24 HOURS	WIND (KT) PREVAILING DIRECTION	WIND (KT) MEAN SPEED	WIND (KT) EXTREME (PEAK) SPEED (GUST)	MEAN RELATIVE HUMIDITY (%) 0400	MEAN RELATIVE HUMIDITY (%) 1300	MEAN DEW POINT (°F)	MEAN VAPOR PRESSURE (in Hg)	MEAN 99.95% PRESSURE ALTITUDE (Feet)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F) MAXIMUM ≥ 90	TEMPERATURE (°F) MAXIMUM ≥ 80	TEMPERATURE (°F) MINIMUM ≤ 32	TEMPERATURE (°F) MINIMUM ≤ 0	MEAN CLOUD (TENTHS)
JAN	64	44	34	-1	2.3	0.9	3	4	SE	9	60	85	78	34	.20	950	17	1	3	1	#	8	0	0	11	#	8
FEB	64	48	36	6	1.7	1.3	2	6	SE	8	58	86	74	37	.22	800	13	#	1	#	#	9	0	0	8	0	8
MAR	72	50	37	16	1.5	0.9	2	5	SE	8	54	85	70	37	.22	750	14	#	1	1	#	6	0	0	7	0	8
APR	72	54	41	28	1.3	0.9	#	#	W	8	53	84	67	40	.25	550	12	#	0	0	#	5	0	0	2	0	7
MAY	82	59	46	32	1.1	1.3	#	#	WSW	7	47	85	67	45	.30	400	8	#	0	0	#	6	0	#	#	0	7
JUN	85	63	50	37	0.9	2.3	0	0	WSW	6	39	88	69	49	.35	350	8	#	0	0	#	7	0	#	0	0	7
JUL	86	65	52	42	0.6	1.0	0	0	WSW	6	44	89	70	51	.38	250	5	#	0	0	1	10	0	#	0	0	5
AUG	88	66	52	42	0.9	0.9	0	0	WSW	5	44	90	71	52	.39	250	7	#	0	0	1	13	0	#	0	0	6
SEP	87	64	49	34	1.2	2.1	0	0	W	5	51	90	73	50	.36	400	8	#	0	0	1	14	0	#	0	0	6
OCT	75	57	44	26	1.9	1.3	#	#	SE	6	61	89	75	46	.31	650	13	#	0	0	#	15	0	0	1	0	7
NOV	68	51	39	9	2.3	1.5	#	1	SE	8	61	87	76	40	.25	800	16	1	#	0	#	11	0	0	6	0	8
DEC	62	47	37	3	2.6	1.8	2	7	SE	9	58	86	79	37	.22	950	18	1	1	#	#	9	0	0	8	0	8
ANN	88	56	43	-1	18.3	2.3	9	7	SE	7	61	87	72	43	.28	650	139	3	6	2	3	113	#	#	43	#	7
EYR	25	22	22	25	22	25	22	22	22	22	25	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22

REMARKS

SMOS (NAVY) POR: 4903-7012. RUSSMO POR: 4508 B;812 (EXTREMES). NAVY LCD MAY 1968.

NOTE; *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	41	30	27	18	13	19	16	19	25	28	36	40	26	
	03-05	41	33	32	23	24	28	30	33	36	37	38	42	33	
	06-08	44	39	38	32	29	33	38	40	40	42	39	45	38	
	09-11	43	36	35	26	24	26	27	28	30	31	32	40	32	
	12-14	41	29	24	16	13	14	13	14	18	21	27	38	22	
	15-17	39	27	18	11	8	8	6	7	11	18	29	41	19	
	18-20	37	28	18	10	7	7	6	8	13	20	29	36	18	
	21-23	38	30	20	12	9	11	9	11	17	24	33	37	21	
	ALL HOURS	40	33	27	19	16	18	18	20	24	28	33	39	26	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	21	14	10	6	5	9	11	12	17	18	22	19	14	
	03-05	21	17	12	10	10	15	21	22	25	26	22	20	18	
	06-08	24	18	15	12	13	17	25	28	29	29	22	22	21	
	09-11	21	17	13	8	9	11	15	16	20	19	19	20	16	
	12-14	19	13	7	5	4	5	4	6	11	10	14	17	10	
	15-17	19	11	4	2	1	2	2	2	5	8	13	23	8	
	18-20	17	11	5	2	1	2	1	2	6	10	14	17	7	
	21-23	19	12	6	2	3	4	4	5	10	14	18	19	10	
	ALL HOURS	20	14	9	6	6	8	10	12	15	17	18	19	13	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	11	7	4	2	3	5	9	10	12	13	14	10	8	
	03-05	11	8	6	5	6	9	18	19	19	20	14	12	12	
	06-08	12	9	7	6	7	12	19	22	24	21	13	11	14	
	09-11	10	8	5	3	5	6	9	11	14	12	10	10	9	
	12-14	8	5	2	1	2	2	2	2	6	5	7	8	4	
	15-17	9	5	2	1	1	1	1	1	3	4	6	11	4	
	18-20	8	4	2	1	1	1	0	1	4	5	7	8	4	
	21-23	10	3	2	1	2	3	3	4	7	9	11	9	5	
	ALL HOURS	10	6	4	2	3	5	8	9	11	11	10	9	7	22
CIG less than 200 feet and/or VSBY less than ½ mile	00-02	2	2	1	0	1	1	3	4	7	6	6	3	3	
	03-05	3	3	2	2	2	3	5	8	12	9	7	3	5	
	06-08	3	3	1	1	2	3	6	8	13	10	6	3	5	
	09-11	2	1	1	0	1	0	1	2	4	2	2	2	2	
	12-14	1	0	0	0	0	0	0	0	1	1	1	0	#	
	15-17	1	1	0	0	0	0	0	0	1	1	1	0	#	
	18-20	1	1	0	0	0	0	0	1	2	1	2	1	1	
	21-23	1	2	0	0	0	0	1	1	4	3	4	2	2	
	ALL HOURS	2	2	1	#	1	1	2	3	5	4	4	2	2	22

PREPARED BY USAFETAC
OCT 79

STATION NAME Yakima Municipal Arpt, WA
LOCATION N46 34 W120 32

PERIOD Varied
ELEV 1052 FT

STN LTRS YKM
WBAN NO 24243
WMO NO 727810

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOW FALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 16	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.950	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) ≥ 0.01	PRECIP ≥ 0.5	SNOW (IN) ≥ 0.1	SNOW ≥ 1.5	THUNDER STORMS	FOG	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 0
JAN	36	19	28	68	-21	1.3	3.7	0.1	1.4	10	27	14	83	70	.11	21	1800	W	5	38	8	9	2	7	3	0	9	0	0	29	3
FEB	46	25	36	69	-25	0.8	2.5	0	0.9	3	17	6	82	56	.14	26	1700	W	6	42	7	6	2	2	1	0	8	0	0	24	1
MAR	55	29	42	80	-1	0.6	2.6	0	0.6	2	11	7	76	40	.15	27	1750	W	7	42	7	6	1	1	0	0	1	0	0	22	0
APR	64	35	50	92	21	0.5	1.6	0	1.3	0	0	0	71	32	.17	30	1600	WNW	8	40	6	4	1	0	0	0	1	0	1	13	0
MAY	73	43	58	98	25	0.6	2.8	0	0.8	0	0	0	69	30	.22	37	1500	WNW	7	40	6	5	2	0	0	1	0	1	0	3	0
JUN	80	49	65	103	30	0.7	2.1	0	1.3	0	0	0	69	30	.28	43	1450	NW	7	41	5	5	2	0	0	2	1	5	15	0	0
JUL	88	53	71	108	34	0.2	0.7	0	0.7	0	0	0	68	24	.31	46	1450	WNW	7	37	3	2	1	0	0	1	0	14	26	0	0
AUG	86	51	69	110	35	0.3	2.1	0	1.5	0	0	0	70	27	.31	46	1350	WNW	6	29	3	3	0	0	0	1	0	11	24	0	0
SEP	78	44	61	100	26	0.3	1.0	0	0.8	0	0	0	76	31	.27	42	1450	WNW	6	33	4	3	1	0	0	1	1	2	13	1	0
OCT	65	35	50	85	11	0.6	2.2	0	0.7	0	2	2	81	44	.22	37	1550	WNW	6	34	6	6	2	0	0	0	2	0	1	10	0
NOV	49	28	38	72	-3	1.1	2.8	0	1.1	2	21	7	84	62	.16	29	1800	W	5	39	7	8	1	1	0	0	5	0	0	21	0
DEC	38	24	31	67	-17	1.2	4.2	0.1	1.6	8	38	14	85	74	.14	26	1800	W	4	42	8	10	2	6	2	0	12	0	0	28	1
ANN	61	36	50	110	-25	8.2	4.2	0	1.6	25	38	14	76	43	.20	34	1600	WNW	6	42	6	67	17	17	6	7	40	34	88	150	4
YR	30	30	30	31	31	30	31	31	31	31	31	31	31	31	12	12	5	14	26	23	31	31	21	21	21	31	4	31	31	31	31

REMARKS
Source: (1) Local Climatological Data Summary, 1977; POR: 1941-1970
(2) Climatological Handbook, Columbian Basin States, Precipitation, Vol. 2: POR: 1946-1966
(3) Washington Climatological Data Set; POR: 1940-1970
(4) World-wide Airfield Summaries, Vol. VIII Part 2; POR UNKNOWN

NOTE: * DATA NOT AVAILABLE # ANTE < UNITS SHOWN IN HEADING °° MAX HRLY WND BY CLASS INT. § % CALM CNTR ¶ PLVG. DRCTN ? BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	38	24	4	2	0	0	0	1	1	1	19	34	10	
	03-05	38	24	4	1	1	0	0	1	1	1	20	31	10	
	06-08	39	21	6	2	1	0	0	0	2	3	20	33	11	
	09-11	37	18	7	3	1	0	0	0	2	4	18	33	10	
	12-14	34	18	4	4	0	1	0	0	3	2	17	31	10	
	15-17	32	16	3	2	0	1	0	0	1	1	15	30	8	
	18-20	34	19	3	2	0	1	0	0	0	1	14	29	9	
	21-23	31	20	4	1	0	1	0	1	1	1	18	31	9	
	ALL [1][2][3]	35	20	5	2	0	1	0	0	1	2	18	31	9	5
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	30	15	1	0	0	0	0	0	1	0	9	27	7	
	03-05	30	18	1	0	0	0	0	0	1	1	10	25	7	
	06-08	32	16	3	1	0	0	0	0	1	1	10	27	8	
	09-11	31	13	4	1	0	0	0	0	1	1	8	29	7	
	12-14	30	13	3	2	0	0	0	0	1	1	8	26	7	
	15-17	28	12	2	0	0	1	0	0	0	1	7	22	6	
	18-20	24	13	0	1	0	0	0	0	0	0	8	21	6	
	21-23	26	15	1	0	0	0	0	0	1	0	10	24	6	
	ALL [1][2][3]	29	14	2	1	0	0	0	0	1	1	9	25	7	5
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	18	7	1	0	0	0	0	0	1	0	7	17	4	
	03-05	20	9	0	0	0	0	0	0	0	0	7	16	4	
	06-08	24	9	1	1	0	0	0	0	1	1	8	18	5	
	09-11	22	8	2	1	0	0	0	0	1	1	6	21	5	
	12-14	18	5	2	1	0	0	0	0	0	1	4	19	4	
	15-17	16	6	0	0	0	1	0	0	0	1	4	15	4	
	18-20	14	4	0	0	0	0	0	0	0	0	5	14	3	
	21-23	15	6	1	0	0	0	0	0	0	0	7	14	4	
	ALL [1][2][3]	18	7	1	0	0	0	0	0	0	1	6	17	4	5
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN ¼ MI	00-02	3	1	0	0	0	0	0	0	0	0	1	6	1	
	03-05	4	2	0	0	0	0	0	0	0	0	1	6	1	
	06-08	3	1	0	0	0	0	0	0	0	1	2	6	1	
	09-11	4	1	0	0	0	0	0	0	0	0	1	6	1	
	12-14	1	0	0	0	0	0	0	0	0	0	0	3	0	
	15-17	1	0	0	0	0	0	0	0	0	0	0	2	0	
	18-20	3	0	0	0	0	0	0	0	0	0	1	4	1	
	21-23	5	0	0	0	0	0	0	0	0	0	2	5	1	
	ALL [1][2][3]	3	1	0	0	0	0	0	0	0	0	1	5	1	5

PREPARED BY: USAFETAC
MARCH 19 82

STATION NAME: AUSTIN STRAUBEL WI
LOCATION: N44 29 W 88 06

PERIOD: JAN 50-AUG 81
ELEV: 694 FT

STN LTRS: GRB
WBC NO: 726450

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	RELATIVE HUMIDITY (%) LST 04	LST 13	VAPOR PRESSURE (MB)	DEW PT (°F)	PRESSURE ALTIMETER (PT) 99.9%	SURFACE WINDS PVLG DIRCTN (MB PT)	SPEED MEAN (KT)	SPEED MAX (KT)	SPEED MAX 24 HRS	PCT OF POSS SUNSHINE	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER STORMS	FOG VSBY ≤ 7MI	TEMPERATURE (°F) MAX ≥ 65	MAX ≥ 80	MIN ≤ 32	MIN ≤ 05
JAN	23	6	14	50	-31	1.2	2.6	.1	1.0	10	25	7	74	67	.06	6	1500	W	10	40	6	10	4	10	2	8	0	0	14	0
FEB	27	9	18	55	-26	1.1	3.6	.0	1.0	6	21	9	77	66	.07	11	1500	W	9	46	7	8	3	8	2	6	0	0	15	0
MAR	37	24	29	73	-29	1.9	4.7	.3	.9	5	22	8	80	65	.12	22	1500	W	10	47	7	11	1	7	2	1	10	0	0	6	1
APR	54	33	44	89	7	2.8	5.5	1.0	1.7	3	12	10	77	58	.19	33	1450	NNE	10	50	7	11	2	2	0	3	10	0	1	0	0
MAY	67	43	55	91	21	3.0	8.2	.6	2.2	0	3	2	78	51	.26	43	1260	SSW	8	48	6	11	2	0	0	0	0	1	4	0	0
JUN	76	53	65	97	32	3.2	8.5	.3	2.5	0	0	0	84	57	.42	54	1300	W	8	41	6	11	2	0	0	0	0	5	11	0	0
JUL	81	56	70	99	40	3.3	6.5	.8	3.0	0	0	0	85	55	.52	60	1050	SSW	7	52	6	10	2	0	0	0	0	9	19	0	0
AUG	79	56	68	99	38	3.2	9.0	.9	3.8	0	0	0	90	62	.53	59	1050	SSW	7	40	6	10	2	0	0	0	0	13	6	14	0	0
SEP	70	48	59	95	27	3.1	7.9	.3	3.0	0	0	0	88	60	.36	50	1100	SSW	8	42	6	10	2	0	0	0	0	12	2	4	0	0
OCT	59	36	48	88	15	2.1	5.0	.2	3.4	0	2	1	82	59	.23	38	1300	SSW	9	40	6	9	1	0	0	2	12	0	1	0	0
NOV	42	26	34	72	-9	1.7	3.5	.2	1.5	4	14	8	81	67	.15	27	1450	W	9	47	7	9	1	4	1	1	10	0	0	2	0
DEC	26	11	21	62	-21	1.4	3.2	.1	1.2	10	27	8	79	71	.08	19	1450	W	9	36	7	11	1	9	2	8	10	0	0	12	3
ANN	53	34	44	99	-31	28.0	9.0	.0	3.8	93	27	10	81	62	.24	35	1350	SSW	9	61	6	121	16	60	9	78	72	23	56	53	16
YRS	31	32	32	32	32	32	32	32	32	32	32	32	8	8	6	8	8	8	8	7	8	32	32	32	32	32	32	32	32	32	32

REMARKS:
RUSSMO FOR:
HOURLY OBS: SEP 73-AUG 81
DAILY OBS: JAN 50-AUG 81

NOTE: * DATA NOT AVAILABLE # AMTS < HOURS INDICATED IN HEADING ** MAX HRLY VSBY OF CLASS IDY $ % CALM DRTN % PLVG. DRCTN @ BASED ON < FULL MONTH

CAV PERS (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	DYS
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	31	26	30	21	13	10	9	18	20	16	25	37	21	
	03-05	35	27	33	23	17	16	15	22	22	19	31	37	25	
	06-08	35	34	38	28	19	22	20	28	27	23	33	37	29	
	09-11	33	33	37	29	16	19	16	25	30	24	33	38	28	
	12-14	28	27	33	25	12	15	8	19	23	20	33	40	24	
	15-17	26	23	29	20	8	10	7	12	16	14	27	38	19	
	18-20	28	21	28	19	9	8	5	11	15	12	24	36	18	
	21-23	30	22	27	19	11	8	5	12	15	13	26	33	18	
	ALL HRS	31	27	32	23	13	14	11	18	21	18	29	37	23	8
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	18	13	20	12	10	5	6	12	12	8	15	20	12	
	03-05	20	14	22	15	13	10	13	17	13	10	18	21	16	
	06-08	23	21	26	20	15	15	16	23	20	15	21	24	20	
	09-11	23	21	24	16	9	8	7	16	16	11	20	27	17	
	12-14	18	15	17	12	5	5	2	10	9	7	16	25	12	
	15-17	16	13	16	11	5	3	3	7	6	8	15	21	10	
	18-20	16	11	18	10	6	4	3	8	8	8	11	19	10	
	21-23	19	11	19	9	8	6	5	8	8	8	12	18	11	
	ALL HRS	19	15	20	13	9	7	7	13	12	9	16	22	14	8
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	12	9	15	9	8	3	2	7	10	6	10	14	9	
	03-05	14	9	18	10	9	7	7	11	10	9	14	16	11	
	06-08	16	13	21	14	9	9	9	18	14	10	15	17	14	
	09-11	16	14	16	10	5	6	6	9	8	7	14	19	11	
	12-14	13	9	13	8	3	3	1	5	5	4	12	16	8	
	15-17	11	9	12	8	3	2	1	4	4	5	11	15	7	
	18-20	11	8	14	8	3	2	2	7	5	6	8	13	7	
	21-23	13	9	15	7	5	2	2	6	5	5	9	13	7	
	ALL HRS	13	10	16	9	6	4	4	8	8	6	12	15	9	8
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	0	1	2	1	2	0	0	1	1	1	1	2	1	
	03-05	1	2	3	1	2	1	1	3	4	2	2	3	2	
	06-08	1	3	5	1	2	1	1	3	4	2	4	2	2	
	09-11	1	1	2	0	0	0	0	0	1	0	1	1	1	
	12-14	1	0	2	1	0	0	0	0	0	0	1	2	1	
	15-17	1	0	1	0	0	0	0	0	0	0	1	1	1	
	18-20	1	0	1	0	0	0	0	0	0	0	1	2	0	
	21-23	0	0	1	0	0	0	0	0	0	0	1	2	0	
	ALL HRS	1	1	2	1	1	0	0	1	1	1	2	2	1	0

PREPARED BY: USAFETAC
JANUARY 1945

STATION NAME: GENERAL BILLY MITCHELL FLD WI
LOCATION: 442 57 N087 54

PERIOD: JAN 48-DEC 83
ELEV: 723 FT

STN LTRS: MKE
WBAN NO: 726400

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (IN Hg)	DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (16 PTS)	SPEED MEAN (ET)	SPEED MAX (ET) 00	CLOUDINESS MEAN NUMBER	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDER STORMS	FOG VSBY ≤ 7 MI	TEMPERATURE (°F) MAX ≥ 85	MAX ≥ 80	MIN ≤ 32	MIN ≤ 05
JAN	27	12	19	60	-26	1.7	4.0	.3	1.5	14	34	12	74	69	.07	10	1450	W	11	57	7	11	1	10	3	8	10	0	0	30	10
FEB	31	16	24	65	-19	1.4	3.1	.1	1.7	10	42	17	77	66	.09	14	1450	W	10	58	7	10	1	8	2	8	9	0	0	24	5
MAR	40	25	33	77	-10	2.6	6.9	.3	2.3	10	27	11	77	69	.14	25	1450	W	11	51	7	12	1	7	2	2	11	0	0	29	1
APR	55	36	45	91	12	3.4	7.3	1.3	3.0	2	16	12	74	61	.20	36	1450	N	11	58	7	12	2	2	0	4	11	0	1	10	0
MAY	69	46	55	92	21	2.8	5.8	.9	2.0	0	0	0	74	60	.29	44	1200	N	9	64	6	11	2	0	0	4	10	1	0	1	0
JUN	75	55	65	99	36	3.5	8.3	.9	3.0	0	0	0	75	63	.42	54	1200	S	9	66	6	11	2	0	0	7	10	6	11	0	0
JUL	81	61	71	101	40	3.5	7.7	1.0	3.0	0	0	0	76	60	.54	61	1050	S	8	60	6	10	2	0	0	6	9	9	17	0	0
AUG	79	61	70	100	44	3.1	7.1	.5	2.8	0	0	0	82	64	.54	61	1000	S	8	50	6	9	2	0	0	6	12	7	14	0	0
SEP	73	53	62	98	28	2.4	9.4	.8	2.5	0	0	0	81	61	.40	53	1100	S	9	54	6	9	2	0	0	4	11	3	5	0	0
OCT	62	42	51	89	18	2.2	6.4	.2	2.1	4	4	2	80	60	.25	40	1250	S	10	42	6	9	1	4	0	2	11	0	1	4	0
NOV	45	30	38	77	-5	2.1	4.7	.6	1.6	3	16	10	81	67	.17	31	1400	W	10	48	7	10	1	3	1	1	11	0	0	19	0
DEC	32	16	25	63	-20	2.1	4.3	.3	2.2	11	29	11	79	70	.11	19	1450	WNW	10	53	7	12	1	9	2	0	12	0	0	28	0
ANN	55	34	46	101	-26	31.2	9.4	0	3.0	50	42	17	78	64	.22	37	1300	W	10	66	7	126	18	39	10	36	127	26	53	192	20
YR	54	33	36	36	36	36	36	36	36	36	36	36	10	10	10	10	10	10	10	10	10	36	36	36	36	36	36	36	36	36	36

REMARKS: RUSSMO PORT
HOURLY OBS: JAN 74 - DEC 83
SUMMARY OF DAY DATA: JAN 48 - DEC 83

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS § % CALM GRTR % PLVG DRCTN ∂ BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	37	31	34	25	15	14	12	18	16	18	32	43	24	
	03-05	38	39	36	27	17	17	16	22	20	20	34	43	27	
	06-08	39	38	41	31	20	19	16	26	27	23	37	43	30	
	09-11	38	37	37	30	20	18	15	23	25	24	38	41	29	
	12-14	39	34	34	28	14	15	11	17	22	18	34	40	26	
	15-17	37	32	32	24	13	9	9	15	19	16	32	37	23	
	18-20	35	32	29	23	14	14	10	14	16	15	28	38	22	
	21-23	36	31	32	23	15	11	9	13	14	15	30	40	22	
	ALL HRS	37	34	34	26	16	14	12	18	20	19	33	41	25	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	24	17	21	15	11	10	10	11	12	9	18	26	15	
	03-05	23	23	22	16	14	13	14	18	14	10	19	26	18	
	06-08	24	25	24	20	17	14	14	23	19	13	22	29	21	
	09-11	27	27	21	18	14	12	10	18	14	13	22	28	18	
	12-14	25	21	18	14	11	9	7	11	9	9	18	23	15	
	15-17	20	19	19	13	11	6	7	11	10	8	18	21	14	
	18-20	21	18	17	14	12	7	7	12	10	7	14	21	13	
	21-23	22	16	18	14	12	9	7	10	10	10	15	24	14	
	ALL HRS	23	21	21	16	13	10	10	14	12	10	18	25	16	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	16	12	16	10	8	7	6	7	8	6	12	17	10	
	03-05	16	15	17	13	10	8	9	12	9	6	13	18	12	
	06-08	16	16	17	14	13	9	8	15	11	7	16	19	13	
	09-11	17	16	16	13	10	8	6	8	7	6	17	18	12	
	12-14	16	14	13	10	8	6	5	6	5	6	11	15	9	
	15-17	13	13	13	10	9	6	6	6	5	6	9	13	9	
	18-20	13	12	13	10	9	5	6	8	7	5	9	12	9	
	21-23	14	10	13	10	10	5	5	6	8	7	11	15	9	
	ALL HRS	15	14	15	11	10	7	8	9	8	6	12	16	11	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	3	1	4	2	1	2	1	1	3	2	2	
	03-05	1	2	3	2	4	2	2	2	2	1	3	2	2	
	06-08	1	3	3	3	5	1	2	2	3	1	3	3	3	
	09-11	2	2	2	2	1	1	0	0	0	1	1	3	1	
	12-14	1	1	1	1	1	1	0	0	0	0	2*	2	1	
	15-17	1	1	2	2	2	0	0	0	0	0	1	2	1	
	18-20	1	1	3	2	3	0	0	1	0	0	1	1	1	
	21-23	0	1	3	1	3	1	0	1	1	1	1	1	1	
	ALL HRS	1	2	3	2	3	1	1	1	1	1	2	2	2	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GENERAL MITCHELL IAP, WI STATION #: 726400 ICAO: MKE
LOCATION: 4257N 8754W ELEVATION (FEET): 692 LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 PERIOD: 7301-9012 (SOURCE #1)

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX 1	56	65	82	90	92	102	98	102	95	88	73	62	102
MEAN DAILY MAX 1	27	31	42	54	65	76	81	78	71	58	46	32	55
MEAN 1	21	24	35	45	55	66	72	70	62	50	39	25	47
MEAN DAILY MIN 1	14	18	28	37	46	57	63	62	54	43	32	19	39
EXTREME MIN 1	-25	-13	-5	11	26	38	45	46	28	18	-4	-18	-25
# DAYS GE 90 1	0	0	0	#	#	2	5	3	1	0	0	0	11
# DAYS LE 32 1	29	25	20	7	1	0	0	0	#	3	15	27	128
# DAYS LE 0 1	5	2	#	0	0	0	0	0	0	0	#	3	11
2. PRECIPITATION (INCHES)													
MAXIMUM 2	4.0	3.1	6.9	7.3	5.8	8.3	7.7	7.1	9.4	6.4	4.7	4.3	*
MEAN 2	1.7	1.4	2.6	3.4	2.8	3.5	3.5	3.1	2.8	2.2	2.1	2.1	31.2
MINIMUM 2	0.3	0.1	0.3	1.3	0.9	0.9	1.0	0.5	#	0.2	0.6	0.3	*
MAX 24 HR 2	1.5	1.7	2.3	3.0	2.0	3.0	3.0	2.8	2.5	2.1	1.6	2.2	3.0
# DAYS W/PRECIP 1	20	17	17	17	15	13	12	12	12	13	17	20	185
# DAYS GE 0.5 2	1	1	1	2	2	2	2	2	2	1	1	1	18
3. SNOWFALL (INCHES)													
MEAN 2	14	10	10	2	#	0	0	0	0	#	3	11	50
MAXIMUM 2	34	42	27	16	#	0	0	0	0	4	16	28	*
MAX 24 HR 2	12	17	11	12	#	0	0	0	0	2	10	11	17
# DAYS W/SNOW 1	17	14	10	4	0	0	0	0	0	1	7	16	69
# DAYS GE 1.5 2	3	2	2	#	0	0	0	0	0	#	1	2	10
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST) 1	75	77	77	76	79	80	83	86	84	81	79	78	80
RH (14 LST) 1	65	64	61	57	58	57	58	61	60	59	64	67	61
VAPOR PRESS 1	.10	.11	.15	.21	.31	.44	.57	.56	.44	.28	.19	.12	.29
DEWPOINT 1	13	16	25	34	44	54	61	61	53	41	31	18	38
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	W	W	N	N	S	S	S	S	S	W	WNW	W
MEAN SPEED (PVLG DRCTN) 1	11	10	10	13	12	8	8	8	8	9	11	11	10
MEAN SPEED (ALL OBS) 1	11	10	11	11	9	9	8	8	9	10	10	10	10
MAX PEAK GUST 1	70	42	49	50	52	52	60	56	54	42	48	49	70
PRESSURE ALT 2	1450	1450	1450	1450	1200	1200	1050	1000	1100	1250	1400	1450	1450
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	5	5	5	4	4	4	5	6	6	5
DAYS TSTMS 1	#	#	2	4	5	7	7	7	4	2	1	#	40
DAYS FOG LT 7 1	14	13	15	12	12	11	11	15	14	13	14	14	158
DAYS BNBD LT 7 1	#	#	0	#	#	#	#	#	0	0	#	0	1

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(GENERAL MITCHELL IAP,WI)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE $ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, JAN 85, PERIOD OF RECORD RANGING FROM 10-36 YRS.

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7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	35	32	23	16	14	13	17	18	20	34	44	25
03-05 LST	37	39	35	26	19	16	16	23	21	24	37	43	28
06-08 LST	38	41	38	29	23	19	19	29	30	27	39	43	31
09-11 LST	36	38	38	29	23	20	18	25	27	30	39	43	30
12-14 LST	37	36	36	25	18	16	15	18	24	26	37	42	27
15-17 LST	35	33	34	22	16	12	12	16	20	23	35	40	25
18-20 LST	35	33	30	22	15	13	12	15	17	20	31	40	23
21-23 LST	36	33	30	23	14	11	10	14	16	19	32	41	23
ALL HOURS	36	36	34	25	18	15	14	20	21	24	36	42	27

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	22	21	16	12	10	10	14	13	13	20	27	17
03-05 LST	23	25	23	18	15	12	14	21	16	14	22	26	19
06-08 LST	24	28	27	21	19	15	16	26	24	17	25	29	23
09-11 LST	26	27	25	18	16	13	13	18	18	18	25	31	21
12-14 LST	24	24	21	14	13	10	10	13	13	15	21	27	17
15-17 LST	22	21	21	13	13	9	9	12	11	14	21	24	16
18-20 LST	22	22	20	14	13	9	9	12	12	12	18	22	15
21-23 LST	24	20	20	15	11	9	8	11	12	12	19	23	15
ALL HOURS	24	24	22	16	14	11	11	16	15	14	21	26	18

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	14	15	12	9	7	6	8	9	9	13	17	11
03-05 LST	15	17	16	14	11	8	9	14	11	9	15	17	13
06-08 LST	15	20	19	16	14	9	9	16	12	10	17	22	15
09-11 LST	16	19	15	13	11	9	6	10	9	10	16	22	13
12-14 LST	15	15	14	10	9	6	4	7	6	8	13	19	11
15-17 LST	14	15	14	10	9	5	4	6	6	8	12	16	10
18-20 LST	15	14	14	10	9	6	4	7	7	8	11	14	10
21-23 LST	16	13	13	11	9	6	4	6	7	9	12	15	10
ALL HOURS	16	16	15	12	10	7	6	9	8	9	14	18	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	5	3	4	2	1	2	2	2	3	3	3
03-05 LST	2	4	6	4	6	2	2	3	2	2	3	3	3
06-08 LST	3	5	6	5	6	3	2	2	3	3	3	4	4
09-11 LST	3	4	4	3	3	1	1	1	#	2	2	5	2
12-14 LST	3	4	4	2	2	1	#	#	#	2	2	4	2
15-17 LST	3	3	4	3	3	1	#	#	#	2	2	2	2
18-20 LST	3	2	4	3	5	2	#	#	1	2	2	2	2
21-23 LST	2	2	4	2	4	2	1	1	1	2	2	3	2
ALL HOURS	3	3	5	3	4	2	1	1	1	2	2	3	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GENERAL MITCHELL IAP, WI STATION #: 726400 ICAO: MKE
LOCATION: 4257N 8754W ELEVATION (FEET): 692 LST = GMT-6
PREPARED BY: USAFETAC/DOC, AUG 1992 PERIOD: 7301-9012 (SOURCE #1)

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1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	1	3	2	2	2	#	#	#	1
03-05 LST	#	#	#	1	1	2	2	2	2	1	0	#	1
06-08 LST	0	#	1	1	1	1	1	2	1	#	#	#	1
09-11 LST	0	0	#	#	#	1	#	1	1	#	#	#	#
12-14 LST	0	#	#	1	1	1	1	1	1	#	#	#	1
15-17 LST	0	#	#	1	1	2	2	1	1	#	#	#	1
18-20 LST	#	#	#	1	1	2	2	2	1	1	0	#	1
21-23 LST	#	#	1	1	1	3	1	2	2	1	#	#	1
ALL HOURS	#	#	1	1	1	2	1	2	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	10	12	10	7	5	6	7	9	11	7	8
03-05 LST	3	4	9	10	9	7	6	7	9	10	12	7	8
06-08 LST	3	5	9	12	10	7	6	7	8	9	12	8	8
09-11 LST	3	4	8	11	7	6	5	7	7	8	10	6	7
12-14 LST	3	2	8	11	9	5	4	6	8	8	9	6	7
15-17 LST	3	3	8	11	12	6	5	6	7	9	10	6	7
18-20 LST	5	4	8	14	11	6	6	5	5	10	11	6	8
21-23 LST	5	4	9	12	10	6	5	6	7	10	11	7	8
ALL HOURS	4	4	9	12	10	6	5	6	7	9	11	7	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	18	9	4	#	0	0	0	0	#	6	18	6
03-05 LST	17	21	9	4	#	0	0	0	0	#	7	18	6
06-08 LST	17	19	9	3	#	0	0	0	#	1	6	17	6
09-11 LST	16	17	8	3	#	0	0	0	0	#	6	15	5
12-14 LST	15	15	8	3	0	0	0	0	0	#	5	14	5
15-17 LST	15	14	8	3	#	0	0	0	0	1	5	11	5
18-20 LST	18	16	9	3	#	0	0	0	0	1	6	13	5
21-23 LST	20	16	9	3	#	#	0	0	#	1	6	16	6
ALL HOURS	17	17	9	3	#	#	0	0	#	1	6	15	6

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	4	3	1	#	#	1	3	5	5	3
03-05 LST	5	3	4	5	3	1	1	#	1	3	5	5	3
06-08 LST	5	4	4	6	4	2	1	#	1	4	5	4	3
09-11 LST	8	6	9	11	7	5	2	2	2	9	8	8	6
12-14 LST	8	8	11	14	10	7	4	2	4	10	10	7	8
15-17 LST	7	7	12	12	10	6	4	1	3	7	7	5	7
18-20 LST	6	5	7	6	5	2	1	#	1	4	6	6	4
21-23 LST	6	4	6	5	3	1	#	1	1	4	5	6	3
ALL HOURS	6	5	7	8	5	3	2	1	2	5	7	6	5

(GENERAL MITCHELL IAP, WI)
REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, JAN 85, PERIOD OF RECORD RANGING FROM 10-36 YRS.

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5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	13	14	11	9	7	6	7	8	7	11	15	10
03-05 LST	13	15	15	12	11	7	8	13	10	8	13	15	12
06-08 LST	13	17	17	15	13	9	9	15	11	9	15	19	13
09-11 LST	14	17	14	12	10	8	6	8	7	8	15	20	12
12-14 LST	14	13	13	10	8	6	3	6	5	7	11	17	9
15-17 LST	13	13	13	9	8	5	4	5	5	7	10	14	9
18-20 LST	13	12	13	9	9	5	4	6	6	7	9	11	9
21-23 LST	14	12	12	10	8	6	4	6	6	7	10	13	9
ALL HOURS	13	14	14	11	10	7	5	8	7	8	12	16	10

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	9	11	9	7	5	4	5	5	5	7	10	7
03-05 LST	9	11	11	9	9	6	6	8	6	5	8	9	8
06-08 LST	9	12	12	11	10	7	6	10	7	6	10	12	9
09-11 LST	10	12	11	8	7	5	4	4	3	5	9	14	8
12-14 LST	10	10	10	6	6	4	2	3	2	4	7	12	6
15-17 LST	9	9	9	7	7	3	2	2	3	5	6	9	6
18-20 LST	9	8	9	6	8	4	3	4	4	4	6	7	6
21-23 LST	10	8	9	8	6	4	3	4	4	5	6	8	6
ALL HOURS	9	10	10	8	7	5	4	5	4	5	7	10	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	8	6	5	3	2	4	3	3	5	6	5
03-05 LST	6	8	8	6	7	4	4	4	4	3	4	6	5
06-08 LST	6	9	9	8	8	4	3	5	5	4	6	8	6
09-11 LST	7	8	8	5	5	3	2	2	1	3	6	9	5
12-14 LST	7	7	7	4	3	2	1	2	1	3	4	7	4
15-17 LST	6	6	7	5	5	3	1	1	1	3	4	6	4
18-20 LST	6	5	7	5	6	3	1	2	2	3	4	4	4
21-23 LST	5	5	7	5	5	3	1	2	2	3	4	5	4
ALL HOURS	6	7	8	5	5	3	2	3	2	3	4	6	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	2	3	2	1	1	1	1	2	2	2
03-05 LST	1	2	3	3	4	2	1	2	1	2	2	1	2
06-08 LST	1	3	4	3	3	2	1	1	2	2	2	2	2
09-11 LST	2	2	2	2	1	1	#	#	#	2	1	2	1
12-14 LST	1	1	2	1	1	#	#	#	#	1	1	2	1
15-17 LST	1	1	2	1	2	#	#	#	#	1	1	1	1
18-20 LST	1	1	2	2	3	1	#	#	#	1	1	1	1
21-23 LST	#	1	3	1	2	1	#	#	1	2	1	2	1
ALL HOURS	1	2	3	2	2	1	1	1	1	1	1	2	1

PREPARED BY: USAFETAC
FEBRUARY 1985

STATION NAME: LA CROSSE MUNI (VOLK FLD) WI
LOCATION: 43 53 W091 15

PERIOD: MAR 48-AUG 85
ELEV: 653 FT

STN LTRS: KLSE
WBAN NO: 726430

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS
JAN	25	5	15	57	-37	1.0	2.9	.1	1.3	12	30	12
FEB	33	10	22	64	-36	1.0	2.6	.1	1.3	9	31	10
MAR	43	22	31	81	-28	1.9	3.6	.2	1.6	9	34	13
APR	59	37	47	93	7	3.0	7.3	.0	3.6	2	17	10
MAY	73	48	59	94	26	3.9	8.6	1.1	2.7	0	1	1
JUN	79	57	69	98	37	4.7	9.5	1.4	3.9	0	0	0
JUL	84	62	73	104	44	3.7	9.2	.2	4.8	0	0	0
AUG	82	60	71	104	36	3.5	9.8	.5	2.8	0	0	0
SEP	72	51	62	100	23	3.3	13.5	.4	3.4	0	0	0
OCT	61	41	51	93	15	2.1	5.1	.0	2.0	0	1	1
NOV	45	27	36	75	-10	1.5	3.7	.0	2.4	5	13	11
DEC	28	13	21	64	-31	1.1	2.6	.1	1.0	9	27	9
ANN	55	36	45	104	-37	29.7	13.5	.0	4.8	41	34	13
YR	35	38	35	36	38	39	38	36	36	38	38	38

MONTH	MEAN RELATIVE HUMIDITY (%) LST 01	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SPEED MEAN (KT)	SPEED MAX (KT) 00	MEAN SKY COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP ≥ 0.01 (IN)	PRECIP ≥ 0.1 (IN)	SNOWFALL ≥ 0.1 (IN)	SNOWFALL ≥ 1.0 (IN)	THUNDERSTORMS	FOG VSBY ≤ 7/8 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 05
JAN	77	67	.06	5	1350	Nd	7	48	6	8	8	8	2	8	11	0	0	31	14
FEB	82	67	.08	14	1350	S	7	52	6	7	6	6	2	8	11	0	0	27	10
MAR	82	62	.14	25	1400	Nd	8	45	6	10	9	5	2	11	11	0	0	26	3
APR	76	51	.20	35	1350	S	8	53	6	10	2	1	0	3	9	0	1	10	0
MAY	75	53	.31	46	1200	S	7	55	6	11	2	0	0	6	8	1	6	1	0
JUN	79	54	.45	56	1150	S	8	63	6	11	2	0	0	9	8	3	15	0	0
JUL	84	56	.58	67	1000	S	6	56	5	10	2	0	0	7	9	6	23	0	0
AUG	88	60	.56	67	1000	S	6	65	6	9	2	0	0	7	13	4	19	0	0
SEP	89	59	.49	63	1150	S	7	44	5	9	2	0	0	5	13	1	7	0	0
OCT	92	59	.29	39	1250	S	7	49	6	8	1	0	0	2	10	0	1	0	0
NOV	93	65	.15	27	1400	S	8	48	7	8	1	0	1	1	11	0	0	21	1
DEC	91	71	.08	14	1400	S	7	48	7	9	8	7	2	8	13	0	0	29	0
ANN	82	62	.32	37	1300	S	7	65	6	110	15	51	9	13	27	15	72	151	34
YR	88	59	.32	37	1300	S	7	65	6	110	15	51	9	13	27	15	72	151	34

REMARKS

RUSSMO FOR:
HOURLY OBS: SEP 75 - AUG 85
SUMMARY OF DAY DATA: MAR 48 - AUG 85

NOTES: 1. DATA SUMMARIZED FOR LA CROSSE MUNI WI AS A SUITABLE ALTERNATE FOR VOLK FLD WI. 2. PEAK GUSTS NOT AVAILAB[LE] FOR SUMMARIZATION; HOWEVER, THE VALUES SHOWN COME FROM OTHER SOURCES AND WERE COMBI[NED] BY A METEOROLOGIST. THEREFORE THEY MAY NOT REFLECT THE TRUE EXTREMES FOR THESE SITES.

NOTE * DATA NOT AVAILABLE # ABOVE < BELOW UNITS SHOWN IN HEADING % AVERAGE PEAK WINDS $ % CALM DRTN % PVLG. DRCTN @ BASED ON < FULL MONTHS

CAV FREQ (%) — HRS LST

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	29	33	15	13	9	14	14	15	18	33	37	21	
	03-05	33	32	33	19	16	12	15	24	24	23	35	39	25	
	06-08	33	35	35	23	23	17	20	32	34	28	36	36	29	
	09-11	30	34	34	25	23	16	15	23	28	27	38	34	27	
	12-14	33	33	29	24	17	13	10	17	25	25	37	35	24	
	15-17	26	27	28	18	13	8	7	12	17	22	31	36	20	
	18-20	27	26	27	17	11	6	6	9	13	18	29	34	11	
	21-23	24	27	26	17	10	6	6	9	11	16	29	34	16	
	ALL HRS	29	33	33	23	15	11	11	18	21	22	33	36	22	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	15	17	18	8	7	6	6	9	9	9	15	21	11	
	03-05	19	19	20	11	11	9	11	18	17	13	17	23	16	
	06-08	17	23	23	16	15	11	17	26	27	16	20	25	20	
	09-11	17	23	21	13	9	7	7	15	18	13	22	25	16	
	12-14	16	16	19	10	6	3	3	8	11	12	19	21	12	
	15-17	13	14	16	8	4	2	2	5	5	10	14	18	9	
	18-20	14	13	13	10	4	3	2	5	5	7	12	17	9	
	21-23	13	13	13	7	5	2	3	4	5	7	13	19	8	
	ALL HRS	15	17	19	11	8	5	6	11	12	11	17	21	13	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	8	13	8	3	2	2	2	5	4	4	8	13	6	
	03-05	13	11	13	6	5	4	7	11	13	7	9	14	9	
	06-08	9	13	13	9	9	7	13	19	18	11	12	16	12	
	09-11	13	13	11	8	4	2	3	7	9	7	16	17	9	
	12-14	8	9	13	6	3	1	2	4	4	6	12	15	7	
	15-17	9	7	9	5	2	1	1	2	1	4	9	13	5	
	18-20	7	7	7	4	2	1	1	2	2	3	5	13	4	
	21-23	6	7	7	3	1	1	0	3	3	3	6	11	4	
	ALL HRS	9	10	9	5	4	2	3	7	6	6	10	14	7	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	1	1	0	1	0	0	1	0	1	1	2	1	
	03-05	0	1	2	0	1	1	1	2	2	1	1	2	1	
	06-08	0	1	2	0	2	1	2	4	6	3	2	2	2	
	09-11	0	1	1	0	0	0	0	0	0	0	2	2	1	
	12-14	0	0	0	0	0	0	0	0	0	0	0	1	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	1	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	1	0	
	21-23	0	0	0	0	0	0	0	0	0	0	0	2	0	
	ALL HRS	0	1	1	0	1	0	0	1	1	1	1	2	1	13

PREPARED BY: USAFETAC
MARCH 1986

STATION NAME: TRUAX/MADISON WI
LOCATION : 043 08 0089 20

PERIOD: FEB 48-AUG 85
ELEV : 866 FT

RSB
WBAN NO: 726610

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 07	LST 13	MEAN VAPOR PRESSURE (MB)	DEW PT (°F)	PRESSURE (FT) 99.99%	PVLG DIRECTION (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SPEED MAX (KT) 2-MIN	CLOUD AMOUNT (TENTHS)	MEAN NUMBER OF DAYS PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.0	THUNDERSTORMS	FOG VSBY ≤ 1/4 MI	TEMPERATURE MAX ≥ 90	MAX ≥ 80	MIN ≤ 32	MIN ≤ 00
JAN	25	7	16	54	-37	1.1	2.5	.1	1.1	10	27	5	78	67	.06	7	1600	WNW	9		6	10	4	9	2	8	11	0	0	30	11
FEB	31	12	21	58	-28	1.2	2.8	.1	1.6	7	21	10	80	65	.09	15	1600	S	8		7	8	4	6	1	6	11	0	0	27	6
MAR	41	22	32	75	-29	2.1	5.0	.1	1.1	9	25	10	82	61	.14	25	1650	S	9		7	11	6	7	2	2	12	0	0	27	1
APR	58	35	46	90	10	3.0	7.1	1.1	1.6	2	17	3	77	53	.20	35	1600	S	10		7	11	2	2	1	0	11	0	1	14	0
MAY	70	45	57	93	25	3.3	6.3	.6	2.6	0	1	0	73	50	.30	44	1600	S	8		6	11	2	0	0	5	10	0	6	3	0
JUN	79	54	67	97	33	4.0	10.6	.8	3.7	0	0	0	75	53	.42	54	1360	S	6		5	11	2	0	0	0	7	0	3	15	0
JUL	83	59	71	100	45	3.9	10.5	1.5	3.7	0	0	0	78	53	.54	61	1200	S	7		6	9	2	3	0	0	7	10	5	23	0	0
AUG	81	57	69	101	37	3.7	9.5	.7	2.8	0	0	0	85	58	.52	60	1200	S	6		6	9	3	0	0	0	7	13	4	19	0	0
SEP	72	48	61	99	25	2.9	9.2	.1	2.7	0	0	0	87	58	.38	51	1300	S	7		6	9	2	0	0	0	5	12	1	7	1	0
OCT	61	38	50	90	14	2.3	5.6	.1	1.6	0	1	1	86	57	.24	39	1450	S	8		6	9	1	0	0	2	12	0	1	9	0
NOV	44	27	36	76	-6	1.9	9.2	.1	2.0	3	10	6	88	66	.16	29	1600	S	9		7	9	1	0	1	1	12	0	0	22	0
DEC	31	14	23	61	-22	1.6	3.7	.1	.9	10	25	6	83	70	.10	17	1650	S	9		7	10	1	0	2	0	13	0	0	29	3
ANN	54	35	44	101	-37	31.0	10.6	.1	3.7	81	27	10	81	59	.27	37	1500	S	8		6	117	37	36	9	40	36	11	22	162	21
CYR	17	17	17	17	17	17	17	17	17	17	17	17	10	10	10	10	11	10	16		10	17	17	17	17	17	17	17	17	17	17

REMARKS:

BASED FOR:
HOURLY OBS: SEP 73-AUG 85
SUMMARY OF DAY DATA: FEB 48-AUG 85

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS % % CALM DATA % PVLG DIRCTN ‡ BASED ON < FULL RECORDS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	SYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	33	33	32	23	15	11	12	18	18	20	29	31	24	
	03-05	32	36	35	23	21	14	18	27	21	21	35	41	27	
	06-08	31	38	41	27	22	17	19	30	27	29	40	42	30	
	09-11	30	34	39	28	19	14	13	20	26	28	38	40	27	
	12-14	32	29	34	26	14	12	10	14	20	21	36	35	24	
	15-17	30	28	30	20	9	6	7	10	16	16	33	34	20	
	18-20	32	25	26	18	11	7	5	8	12	19	30	35	19	
	21-23	34	26	29	20	13	5	6	11	12	21	33	41	23	
	ALL HRS	32	31	33	23	16	11	12	17	19	21	33	39	24	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	22	20	19	14	10	8	10	14	14	13	21	28	18	
	03-05	22	25	24	14	16	11	16	24	16	15	21	28	19	
	06-08	23	26	29	19	18	12	17	27	22	17	26	30	22	
	09-11	22	25	26	18	13	7	8	14	15	16	26	29	18	
	12-14	20	18	20	16	7	5	6	9	12	21	25	25	14	
	15-17	18	17	19	12	6	4	5	7	11	17	23	23	12	
	18-20	21	19	17	13	7	6	6	5	12	15	23	23	12	
	21-23	21	15	17	13	8	5	5	8	9	13	18	25	13	
	ALL HRS	21	21	21	15	10	7	8	13	12	14	21	26	16	10
CEILING LESS THAN 600 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	15	14	14	10	7	5	7	12	10	9	14	20	11	
	03-05	14	15	17	9	11	7	12	20	11	11	15	21	14	
	06-08	15	17	22	13	11	7	10	19	13	12	19	20	15	
	09-11	12	14	17	12	6	3	3	8	8	11	20	20	11	
	12-14	11	11	13	10	3	2	2	2	4	8	13	17	8	
	15-17	12	9	13	9	3	1	1	2	3	6	11	15	7	
	18-20	14	9	13	9	3	2	2	2	3	7	10	15	7	
	21-23	14	11	13	9	4	2	4	3	4	9	11	17	9	
	ALL HRS	13	13	15	10	6	4	5	9	7	9	14	18	10	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	2	2	0	1	0	0	2	1	2	1	3	1	
	03-05	1	3	2	1	2	2	2	5	3	2	2	3	2	
	06-08	1	3	3	1	1	0	1	3	3	3	3	4	2	
	09-11	1	1	1	1	0	0	0	0	0	1	2	3	1	
	12-14	1	1	0	0	0	0	0	0	0	0	1	2	0	
	15-17	1	1	1	0	0	0	0	0	0	0	1	2	1	
	18-20	0	1	1	0	0	0	0	0	0	0	0	2	0	
	21-23	1	1	1	0	0	0	0	0	0	0	1	2	0	
	ALL HRS	1	2	1	0	1	0	0	1	1	1	1	3	1	10

PREPARED BY: USAPETAC
MAY 1987

STATION NAME: F E WARREN AFB (CHEYENNE) WY
LOCATION: N41 09 W104 48

PERIOD: JAN 48-OCT 86
ELEV: 6156 FT

STN LTRS: CYS
WBAN NO: 725640

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 09	LST 15	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DIRCTN (16 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 50	CLOUD AMOUNT (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDER STORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≥ 80	MAX ≤ 32	MIN ≤ 00
JAN	38	15	26	66	-29	.5	2.8	0	1.3	6	36	12	62	47	.08	12	6750	WNW	12	75	6	5	0	6	1	0	0	0	0	29	5
FEB	41	18	29	71	-25	.4	2.2	0	1.6	5	20	14	63	44	.08	14	6700	W	12	59	6	6	0	5	1	0	0	0	0	26	2
MAR	48	21	33	78	-19	1.0	3.0	.1	1.1	11	32	12	68	45	.11	20	6650	W	12	75	6	9	0	8	2	0	0	0	0	28	2
APR	54	30	42	82	-8	1.4	4.5	.4	1.6	8	32	17	70	42	.14	26	6750	W	12	67	6	9	0	6	2	2	0	0	0	19	0
MAY	64	39	52	90	17	2.4	5.7	.1	1.5	3	18	11	76	44	.20	35	6650	W	10	65	7	12	1	2	0	0	0	0	0	4	0
JUN	75	48	62	100	25	2.1	5.1	.1	2.4	0	1	1	73	38	.27	42	6400	S	9	63	5	10	1	0	0	0	0	0	0	1	0
JUL	83	54	69	98	38	2.0	5.0	.6	3.4	0	0	0	69	34	.32	47	6250	W	9	50	5	11	1	0	0	13	3	5	22	0	0
AUG	81	53	67	96	36	1.6	6.6	.1	6.1	0	0	0	73	37	.32	47	6250	W	8	70	5	10	1	0	0	11	3	2	20	0	0
SEP	72	44	58	93	8	1.1	4.5	.1	2.7	1	7	5	68	35	.22	37	6500	W	9	64	5	7	1	1	0	9	5	0	0	2	0
OCT	60	34	47	83	6	.8	2.3	0	1.1	4	21	7	65	39	.15	27	6550	W	10	62	5	5	0	3	1	1	0	0	0	12	0
NOV	46	23	35	73	-14	.6	2.5	0	1.6	7	31	20	63	44	.10	18	6750	W	11	66	6	6	0	5	1	0	0	0	0	25	1
DEC	40	18	29	66	-28	.8	1.5	0	1.1	6	21	12	80	47	.08	13	6800	W	13	69	6	5	0	5	1	0	0	0	0	28	2
ANN	58	33	46	100	-29	18.3	6.6	0	6.1	51	36	20	68	41	.15	28	6700	W	11	75	6	95	5	41	9	50	58	8	63	173	12
YR	39	39	39	39	39	39	39	39	39	39	39	39	10	10	10	10	11	10	10	10	10	39	39	39	39	39	39	39	39	39	39

REMARKS

RUSSMO POR:
HOURLY OBS: NOV 76-OCT 86
SUMMARY OF DAY DATA: JAN 48-OCT 86

NOTE: * DATA NOT AVAILABLE # ARTS < UNITS SHOWN IN HEADING ** INSTANT AREOME PEAK WINDS $ % CALM DISTR % PLVG. DIRCTN J BASED ON < FULL MONTHS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	16	19	22	22	21	14	8	9	14	13	16	14	16	
	03-05	14	17	22	23	21	17	10	11	15	17	16	13	16	
	06-08	13	15	21	23	21	15	10	12	14	16	16	14	16	
	09-11	14	12	20	21	19	12	6	8	11	14	14	13	14	
	12-14	14	12	20	18	19	10	5	7	9	15	14	11	13	
	15-17	13	13	19	19	17	7	4	5	8	12	15	12	12	
	18-20	16	15	20	17	18	6	3	3	10	11	17	15	13	
	21-23	16	16	23	19	20	8	6	5	11	12	17	17	14	
	ALL HRS	15	15	21	20	20	11	7	8	12	14	16	14	14	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	12	14	18	17	16	10	7	6	12	10	14	12	12	
	03-05	11	13	16	18	17	14	9	8	12	13	14	10	13	
	06-08	10	12	18	18	17	12	8	8	12	14	14	12	13	
	09-11	10	9	17	16	11	7	4	5	9	12	13	10	10	
	12-14	11	8	15	13	13	4	3	3	6	10	13	9	9	
	15-17	11	9	14	12	10	4	2	2	5	8	13	9	8	
	18-20	11	11	14	13	11	4	3	2	6	7	14	13	9	
	21-23	11	14	18	15	13	6	5	4	9	8	15	14	11	
	ALL HRS	11	11	16	15	13	8	5	5	9	10	14	11	11	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	9	11	15	14	13	9	6	6	10	9	12	9	10	
	03-05	9	10	14	16	14	12	8	7	11	11	12	8	11	
	06-08	8	9	15	16	14	10	7	7	11	11	13	9	11	
	09-11	9	8	14	13	9	3	3	4	7	9	12	8	8	
	12-14	8	6	13	10	8	1	2	2	4	6	10	8	7	
	15-17	8	6	11	9	7	2	2	1	3	5	11	7	6	
	18-20	10	7	11	11	8	3	2	2	4	6	12	10	7	
	21-23	9	10	14	13	10	5	4	4	7	7	12	11	8	
	ALL HRS	9	8	13	13	10	6	4	4	7	8	12	9	9	10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	3	4	3	2	2	1	1	1	2	3	1	2	
	03-05	1	2	4	4	3	3	1	2	3	2	2	1	2	
	06-08	1	3	4	5	2	1	1	2	3	2	4	2	3	
	09-11	1	1	3	3	2	0	0	1	1	1	3	2	2	
	12-14	1	1	3	1	1	0	0	0	0	1	2	1	1	
	15-17	1	1	2	1	1	0	0	0	0	1	3	1	1	
	18-20	1	2	1	2	1	0	0	0	0	1	3	1	1	
	21-23	1	3	2	2	1	1	1	0	1	2	3	1	2	
	ALL HRS	1	2	3	3	2	1	1	1	1	2	3	1	2	10

PREPARED BY: USAFETAC
SEPTEMBER 1982

STATION NAME : NATRONA CO/CASPER WY
LOCATION : N42 55 W106 28

PERIOD : MAR 50-DEC 81
ELEV : 5148 FT

CPR
WBAN LTNO:
WBAN NO: 725690

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F) MEAN DAILY MAX	MEAN DAILY MIN	MEAN MONTHLY	EXTREME MAX	EXTREME MIN	PRECIPITATION (IN) MONTHLY MEAN	MONTHLY MAX	MONTHLY MIN	MAX 24 HRS	SNOWFALL (IN) MONTHLY MEAN	MONTHLY MAX	MAX 24 HRS	MEAN RELATIVE HUMIDITY (%) LST 04	LST 13	MEAN VAPOR PRESSURE (IN Hg)	MEAN DEW PT (°F)	PRESSURE ALTITUDE (FT) 99.99%	SURFACE WINDS PVLG DRCTN (10 PT)	SURFACE WINDS SPEED MEAN (KT)	SURFACE WINDS SPEED MAX (KT) 00	CLOUD COVER (tenths)	MEAN NUMBER OF DAYS OCCURRENCE OF: PRECIP (IN) ≥ 0.01	PRECIP (IN) ≥ 0.5	SNOWFALL (IN) ≥ 0.1	SNOWFALL (IN) ≥ 1.5	THUNDER STORMS	FOG VSBY < 7 MI	TEMPERATURE (°F) MAX ≥ 90	MAX ≤ 32	MIN ≤ 32	MIN ≤ 00
JAN	33	12	23	60	-40	.5	1.0	0	.5	10	22	10	71	59	.07	11	5900	SW	13	53	6	7	0	6	2	0	2	0	0	15	7
FEB	38	16	27	65	-22	.6	1.0	.2	.4	10	22	8	69	55	.09	15	5900	SW	13	52	6	8	0	8	2	0	3	0	0	11	3
MAR	49	20	32	73	-21	1.0	2.4	.3	1.0	14	36	15	72	69	.11	20	6000	SW	12	52	7	9	0	9	3	0	0	0	0	6	2
APR	55	30	43	81	-4	1.5	3.9	.2	1.8	13	56	17	75	63	.15	27	5950	SW	11	60	7	10	1	7	3	1	0	0	0	2	0
MAY	66	39	53	91	16	2.2	6.5	.3	2.1	4	25	13	78	61	.20	34	5900	SW	10	53	7	11	1	2	1	0	0	0	1	0	0
JUN	76	48	63	101	28	1.2	3.8	0	1.2	0	3	3	71	58	.24	39	5700	WSW	10	50	5	6	1	0	0	0	1	3	0	0	0
JUL	87	55	71	104	30	1.1	3.1	.1	1.3	0	0	0	67	27	.29	44	5550	SW	9	58	5	8	0	0	0	0	1	12	22	0	0
AUG	85	53	69	102	33	.6	2.7	0	1.4	0	0	0	65	27	.26	41	5550	SW	9	58	5	5	0	0	0	0	1	9	19	0	0
SEP	79	43	59	96	19	.8	3.3	.1	1.8	1	9	4	64	29	.19	33	5650	WSW	9	57	4	6	0	1	0	0	2	1	6	0	0
OCT	61	33	48	85	-3	.9	2.5	0	1.9	5	13	7	65	36	.15	27	5800	SW	10	51	5	6	0	3	1	0	0	0	0	0	0
NOV	44	22	33	71	-14	.7	1.3	.1	.7	10	20	12	68	47	.10	18	5850	SW	12	52	6	7	0	6	2	0	2	0	0	1	2
DEC	36	16	26	61	-34	.5	1.2	0	.5	9	26	8	67	54	.09	15	5950	SW	14	58	6	7	0	7	2	0	3	0	0	0	0
ANN	58	32	46	104	-40	11.6	6.5	0	2.1	76	56	17	69	51	.15	27	5850	SW	11	60	6	92	3	51	16	3	30	28	57	46	16
EYR	32	32	32	32	32	32	32	32	32	30	30	30	9	9	9	9	9	9	9	7	9	32	32	30	30	30	30	32	32	32	32

REMARKS: RUSSMO FOR:
HOURLY OBS: JAN 73-DEC 81
DAILY OBS: MAR 50-DEC 81

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 8 % CALM DRTN % PVLG DRCTN 3 BASED ON < FULL MONTHS

CAV FREQ (%)

	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	18	16	20	20	15	4	4	2	7	15	16	12	12	
	03-05	18	15	23	20	17	4	5	4	6	16	17	14	13	
	06-08	14	12	22	22	18	5	5	5	9	13	17	14	13	
	09-11	11	12	22	21	17	3	3	2	8	11	12	13	11	
	12-14	11	11	18	16	12	2	3	1	6	11	11	11	9	
	15-17	10	10	15	14	10	2	2	2	4	10	9	10	8	
	18-20	12	13	15	14	9	2	2	2	5	9	10	12	9	
	21-23	17	17	17	17	13	3	3	3	6	14	15	12	11	
	ALL HRS	14	13	19	18	14	3	3	3	6	12	13	12	11	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	14	11	15	14	11	2	1	1	4	10	11	9	9	
	03-05	12	11	18	13	13	3	3	2	4	11	13	9	9	
	06-08	11	9	17	16	14	3	2	3	6	10	13	10	10	
	09-11	9	7	14	13	10	1	1	1	5	9	9	10	7	
	12-14	8	6	10	9	7	1	1	1	3	7	8	8	6	
	15-17	7	6	8	8	7	1	1	1	2	6	6	6	5	
	18-20	9	8	9	8	6	1	1	1	3	6	6	7	5	
	21-23	12	10	12	12	8	1	1	1	3	7	10	8	7	
	ALL HRS	10	9	13	12	10	2	2	1	4	8	10	8	7	9
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	10	9	9	10	9	1	2	1	3	6	9	7	6	
	03-05	9	7	13	11	10	1	2	1	3	7	10	7	7	
	06-08	8	7	13	13	11	1	2	2	4	8	9	7	7	
	09-11	6	5	10	10	7	1	1	0	2	6	7	7	5	
	12-14	5	4	6	6	5	1	1	0	2	4	5	5	4	
	15-17	5	3	5	5	4	0	1	0	1	2	3	4	3	
	18-20	5	5	6	5	5	1	1	1	2	3	3	5	4	
	21-23	7	6	8	7	7	1	1	1	2	5	6	6	5	
	ALL HRS	7	6	9	8	7	1	1	1	2	5	7	6	5	9
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	0	1	1	1	0	1	0	0	1	1	0	1	
	03-05	1	0	1	2	0	0	1	0	0	1	2	1	1	
	06-08	1	0	1	3	0	0	0	1	1	1	1	1	1	
	09-11	0	0	0	2	0	0	0	0	0	0	0	1	0	
	12-14	0	0	0	1	1	0	0	0	0	0	0	1	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	1	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	1	0	
	21-23	1	0	1	0	0	0	0	0	0	0	1	1	0	
	ALL HRS	1	0	1	1	0	0	0	0	0	0	1	1	0	9

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