

2002

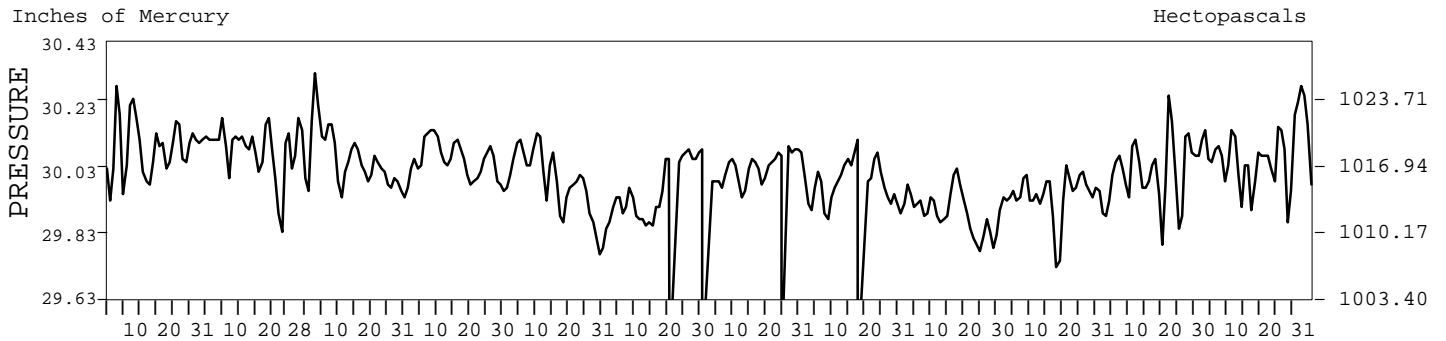
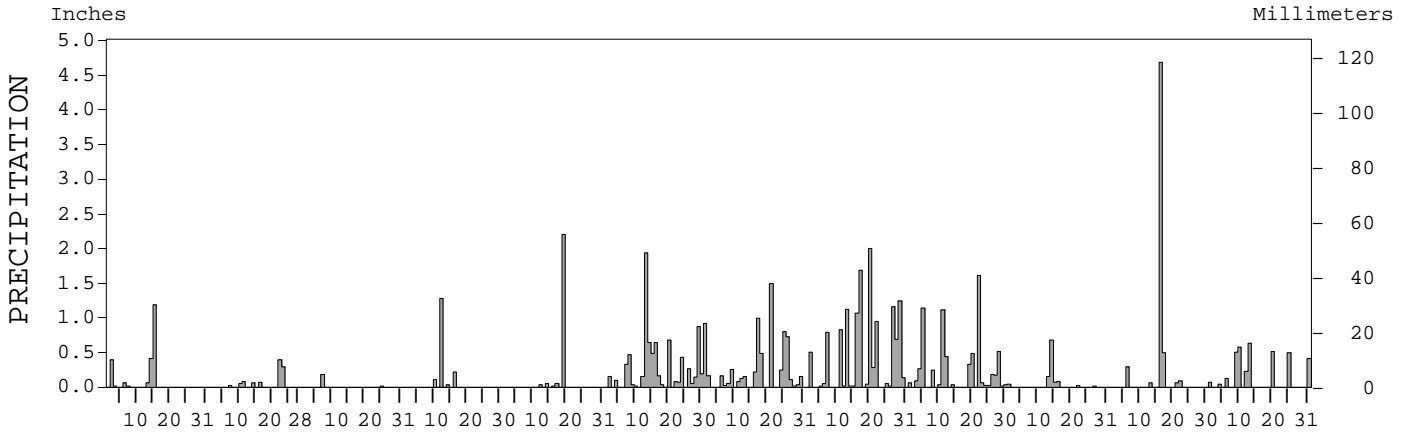
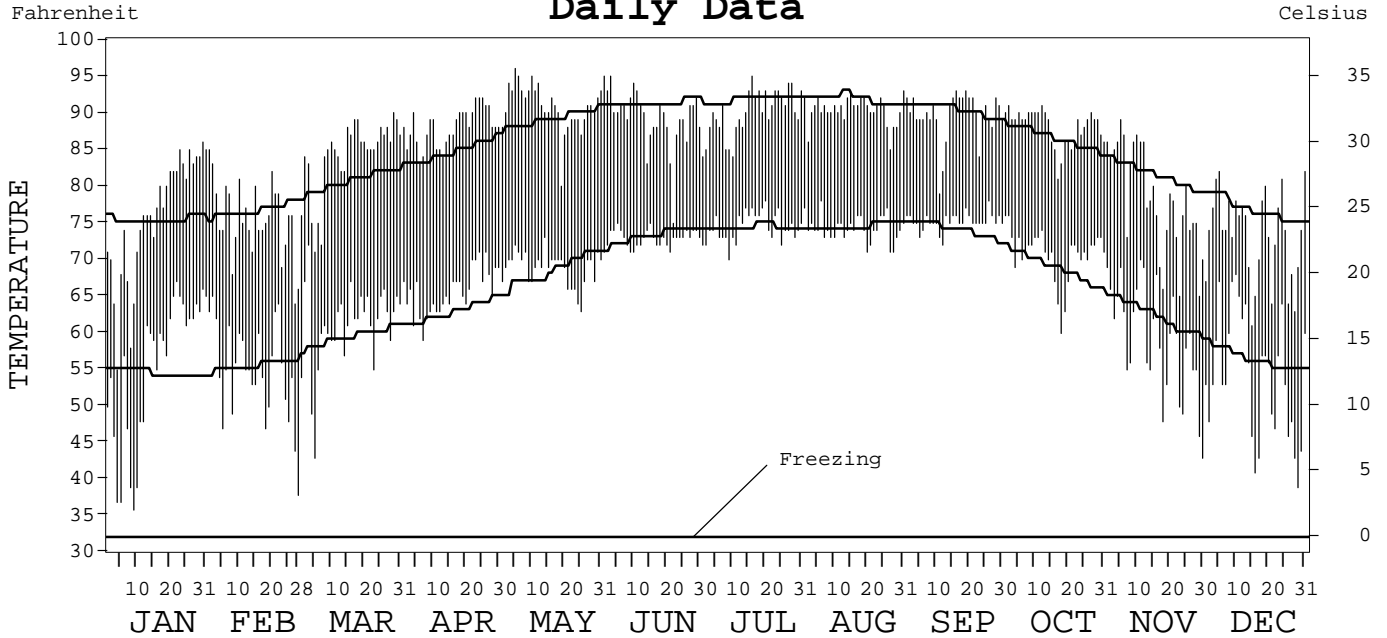
LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-1234

FORT MYERS,
FLORIDA (FMY)

Daily Data



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Thomas R. Karl

NATIONAL
OCEANIC AND
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NATIONAL
ENVIRONMENTAL SATELLITE, DATA,
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2002

FORT MYERS, FL (FMY)

LATITUDE: 26° 35' 11" N LONGITUDE: 81° 51' 49" W ELEVATION (FT): GRND: 15 BARO: 18 TIME ZONE: EASTERN (UTC + 5) WBAN: 12835

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	75.9	75.5	84.0	88.0	90.8	89.3	90.0	90.4	89.6	88.0	78.3	73.3	84.4	
	HIGHEST DAILY MAXIMUM	86	85	90	92	96	95	95	93	93	91	89	82	96	
	DATE OF OCCURRENCE	30	01	29	25+	05	03+	16	31+	19+	12+	05	31+	MAY 05	
	MEAN DAILY MINIMUM	55.3	54.8	61.0	65.7	68.8	72.9	74.4	74.2	75.2	70.7	59.1	54.1	65.5	
	LOWEST DAILY MINIMUM	36	38	43	59	63	71	70	71	72	60	43	39	36	
	DATE OF OCCURRENCE	09	28	05	07	25	21+	09	28+	12	18	30	29	JAN 09	
	AVERAGE DRY BULB	65.6	65.2	72.5	76.9	79.8	81.1	82.2	82.3	82.4	79.4	68.7	63.7	75.0	
	MEAN WET BULB			65.9		71.8				76.8	73.5	63.3			
	MEAN DEW POINT			62.2		68.0				75.1	71.0	59.7			
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	1	10	22	17	18	25	18	10	0	0	0	121
	MAXIMUM ≤ 32°	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM ≤ 32°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H/C	HEATING DEGREE DAYS	104	53	11	0	0	0	0	0	0	0	37	104	309	
	COOLING DEGREE DAYS	129	63	253	365	467	491	542	542	528	455	157	71	4063	
RH	MEAN (PERCENT)	75	70	75	71	72	82	80	82	84	79	76	77	77	
	HOUR 01 LST	87	80	88	86	87	90	90	93	95	92	87	86	88	
	HOUR 07 LST	90	84	93	90	90	91	92	93	97	96	91	88	91	
	HOUR 13 LST	56	52	51	46	48	62	65	63	66	59	58	63	57	
	HOUR 19 LST	70	66	70	68	65	82	78	81	84	76	73	76	74	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	7	0	2	0	0	0	0	3	1	1	1	0	15	
	THUNDERSTORMS	2	1	1	3	2	16	16	18	12	6	1	4	82	
CLOUDINESS	SUNRISE-SUNSET: (OKTAS)														
	CEILOMETER (≤ 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	MIDNIGHT-MIDNIGHT: (OKTAS)														
	CEILOMETER (≤ 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	NUMBER OF DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESS. (IN.)	30.11	30.10	30.07	30.07	29.99				29.90	29.95	30.05	30.08		
	MEAN SEA-LEVEL PRESS. (IN.)	30.13	30.12	30.10	30.09	30.02				29.92	29.98	30.07	30.10		
WINDS	RESULTANT SPEED (MPH)			0.4		2.6				2.0	0.8	3.2	1.4		
	RES. DIR. (TENS OF DEGS.)			16		08				11	29	03	06		
	MEAN SPEED (MPH)	6.0	7.3	8.2	7.0	8.1	6.3	5.3	5.6	6.3	5.7	7.3	7.5	6.7	
	PREVAIL. DIR. (TENS OF DEGS.)	11	01	11	11	11	11	14	10	11	08	04	05	11	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	29	26	25	32	25	30	26	29	26	22	30	28	32	
	DIR. (TENS OF DEGS.)	32	35	18	02	15	12	24	06	12	09	35	27	02	
	DATE OF OCCURRENCE	07	23	02+	03	30	29	29+	20	19+	01	13	13	APR 03	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)	36	33	33	40	30	43	40	35	32	25	36	36	43	
DIR. (TENS OF DEGS.)	31	35	17	01	16	14	30	06	27	10	31	19	14		
DATE OF OCCURRENCE	07	23	02	03	30	29	18	20	12	01	17+	24	JUN 29		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	2.13	0.96	0.19	1.64	2.34	7.89	7.15	12.63	6.82	1.05	5.67	3.58	52.05	
	GREATEST 24-HOUR (IN.)	1.59	0.65	0.18	1.28	2.20	2.05	1.50	2.28	1.63	0.72	4.76	1.08	4.76	
	DATE OF OCCURRENCE	14-15	22-23	07	12	19	13-14	25-26	20-21	22-23	14-15	16-17	09-10	NOV 16-17	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	7	7	2	4	5	22	20	21	20	7	6	10	131	
PRECIPITATION ≥ 0.10	3	2	1	3	1	16	15	13	11	2	3	8	78		
PRECIPITATION ≥ 1.00	1	0	0	1	1	1	1	6	3	0	1	0	15		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)														
	GREATEST 24-HOUR (IN.)														
	DATE OF OCCURRENCE														
	MAXIMUM SNOW DEPTH (IN.)														
	DATE OF OCCURRENCE														
	NUMBER OF DAYS WITH:														
	SNOWFALL ≥ 1.0														

NORMALS, MEANS, AND EXTREMES

FORT MYERS, FL (FMY)

LATITUDE: 26° 35' 11" N LONGITUDE: 81° 51' 49" W ELEVATION (FT): GRND: 15 BARO: 18 TIME ZONE: EASTERN (UTC + 5) WBAN: 12835

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	75.3	76.5	80.5	84.5	89.1	91.2	91.7	91.7	90.3	86.3	81.3	76.6	84.6
	MEAN DAILY MAXIMUM	4	74.6	77.9	80.7	84.9	89.4	90.7	90.6	90.9	88.2	85.6	80.1	76.0	84.1
	HIGHEST DAILY MAXIMUM	4	86	88	90	93	96	97	100	96	93	92	89	86	100
	YEAR OF OCCURRENCE		2002	2001	2002	1999	2002	1998	1998	1998	2002	1998	2002	2000	JUL 1998
	MEAN OF EXTREME MAXS.	4	84.7	85.0	88.2	90.6	94.8	95.2	96.2	94.4	92.4	90.8	86.6	83.8	90.2
	NORMAL DAILY MINIMUM	30	54.5	55.4	59.3	62.7	68.4	73.1	74.2	74.4	73.9	68.6	62.1	56.2	65.2
	MEAN DAILY MINIMUM	4	52.6	55.7	58.9	63.5	67.8	72.9	74.6	74.5	74.2	68.6	60.8	56.7	65.1
	LOWEST DAILY MINIMUM	4	30	38	42	48	55	67	70	71	67	52	42	33	30
	YEAR OF OCCURRENCE		2001	2002	1999	2000	1999	1999	2002	2002	1999	2001	2000	2000	JAN 2001
	MEAN OF EXTREME MINS.	4	35.2	40.0	45.4	52.2	58.6	69.2	71.2	71.2	69.6	56.8	49.6	40.0	54.9
	NORMAL DRY BULB	30	63.8	64.8	69.1	73.1	78.3	81.7	82.8	83.0	82.0	77.2	70.8	65.6	74.3
	MEAN DRY BULB	4	63.7	66.9	69.9	74.3	78.6	81.8	82.7	82.7	81.2	77.1	70.5	66.3	74.6
	MEAN WET BULB			59.8	64.0	66.8	71.1	74.3	76.8	75.9	76.1	70.6	64.4	63.1	
	MEAN DEW POINT			55.8	60.1	62.7	67.7	72.1	74.6	73.9	74.3	67.7	61.1	60.5	
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.1	3.3	0.5	13.2	19.8	24.6	24.6	19.0	5.8	0.5	0.5	111.9	
MAXIMUM ≤ 32°	30	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	
MINIMUM ≤ 32°	30	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
MINIMUM ≤ 0°	30	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	
H/C	NORMAL HEATING DEG. DAYS	30	103	75	28	3	0	0	0	0	0	1	16	76	302
	NORMAL COOLING DEG. DAYS	30	97	99	174	260	423	516	564	568	518	394	222	122	3957
RH	NORMAL (PERCENT)	30	75	73	72	70	72	78	79	80	80	76	76	75	76
	HOUR 01 LST	30	86	84	84	84	85	89	90	90	89	87	88	87	87
	HOUR 07 LST	30	89	88	89	89	88	90	90	91	92	90	90	89	90
	HOUR 13 LST	30	56	54	52	47	50	58	60	61	61	57	56	56	56
	HOUR 19 LST	30	72	69	67	64	66	74	77	78	78	73	74	74	72
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY≤1/4 MI)	4	5.0	4.3	1.6	0.6	0.2	1.0	0.6	1.4	0.8	1.4	1.6	3.0	21.5
	THUNDERSTORMS	4	1.5	0.5	2.8	1.6	3.6	16.6	17.6	17.0	10.6	2.6	0.4	0.8	75.6
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	1			4.0		4.0								
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
CLEAR	1			12.0	14.0	12.0									
PARTLY CLOUDY	1			14.0	12.0	13.0									
CLOUDY	1			5.0	3.0	6.0									
PR	MEAN STATION PRESSURE(IN)	4	30.12	30.12	30.04	30.03	29.99	30.01	30.02	30.01	29.89	29.98	30.04	30.10	30.03
	MEAN SEA-LEVEL PRES. (IN)	4	30.14	30.15	30.07	30.05	30.01	30.05	30.05	30.04	29.91	30.01	30.06	30.12	30.06
WINDS	MEAN SPEED (MPH)	4	6.8	7.2	8.3	8.0	7.2	6.1	5.6	5.5	6.5	7.3	6.8	7.0	6.9
	PREVAIL.DIR(TENS OF DEGS)														
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	4	37	26	31	32	38	48	31	38	36	32	30	32	48
	DIR. (TENS OF DEGS)		28	35	32	02	20	31	26	07	23	02	35	34	31
	YEAR OF OCCURRENCE		2000	2002	2001	2002	1999	1999	2001	1999	2001	1999	2002	2000	JUN 1999
	MAXIMUM 5-SECOND:														
SPEED (MPH)	4	47	33	41	40	46	59	40	46	48	44	36	39	59	
DIR. (TENS OF DEGS)		28	35	23	01	21	30	30	33	14	03	31	33	30	
YEAR OF OCCURRENCE		2000	2002	2000	2002	1999	1999	2002	2001	2000	1999	2002	2000	JUN 1999	
PRECIPITATION	NORMAL (IN)	30	2.23	2.10	2.74	1.67	3.42	9.77	8.98	9.54	7.86	2.59	1.71	1.58	54.19
	MAXIMUM MONTHLY (IN)	4	2.34	0.96	5.40	1.91	3.46	10.90	13.94	12.63	14.14	2.21	7.58	3.58	14.14
	YEAR OF OCCURRENCE		1999	2002	1998	2000	1999	1999	2001	2002	2001	2001	1998	2002	SEP 2001
	MINIMUM MONTHLY (IN)	4	1.27	0.11	0.19	0.52	0.20	4.52	7.15	8.40	6.82	0.57	0.41	0.45	0.11
	YEAR OF OCCURRENCE		2001	2001	2002	2001	2001	2001	2002	2000	2002	1998	2001	2000	FEB 2001
	MAXIMUM IN 24 HOURS (IN)	4	1.59	0.65	2.67	1.63	2.20	3.40	3.46	2.28	6.39	1.72	4.76	1.08	6.39
	YEAR OF OCCURRENCE		2002	2002	1998	2000	2002	1998	2001	2002	2000	2000	2002	2002	SEP 2000
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	5.6	5.8	5.5	3.1	7.4	14.9	17.3	17.6	14.6	6.7	4.4	4.3	107.2	
PRECIPITATION ≥ 1.00	30	0.4	0.8	0.9	0.3	1.0	3.2	2.4	3.2	2.4	1.0	0.4	0.4	16.4	
SNOWFALL	NORMAL (IN)	30	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
	MAXIMUM MONTHLY (IN)														
	YEAR OF OCCURRENCE														
	MAXIMUM IN 24 HOURS (IN)														
	YEAR OF OCCURRENCE														
	MAXIMUM SNOW DEPTH (IN)														
YEAR OF OCCURRENCE															
NORMAL NO. DAYS WITH:															
SNOWFALL ≥ 1.0	30	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	

PRECIPITATION (inches) 2002 FORT MYERS, FL (FMY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1998			5.40	1.17	2.56	6.53	10.01	8.69	13.59	0.57	7.58	1.07	
1999	2.34	0.19	0.85	0.66	3.46	10.90	8.04	9.41	8.29	1.83	1.53	1.50	49.00
2000	1.27	0.11	3.37	1.91	2.79	8.01	8.73	8.40	12.02	1.78	T	0.45	48.84
2001	T	T	1.97	0.52	0.20	4.52	13.94	10.32	14.14	2.21	0.41	1.84	50.07
2002	2.13	0.96	0.19	1.64	2.34	7.89	7.15	12.63	6.82	1.05	5.67	3.58	52.05
POR= 4 YRS	1.45	0.33	2.37	1.19	2.28	7.58	9.59	9.91	10.99	1.50	3.05	1.70	51.94

WBAN : 12835

AVERAGE TEMPERATURE (°F) 2002 FORT MYERS, FL (FMY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1998			67.7	73.6	79.6	84.5	84.0	83.8	81.6	78.7	73.5	69.8	
1999	66.4	65.7	67.2	75.4	77.1	80.2	82.6	83.1	81.1	77.0	69.8	65.4	74.3
2000	63.7	65.2	71.9	71.9	79.1	81.6	82.4	81.9	81.7	74.6	68.9	64.1	73.9
2001	58.7	71.5	69.9	73.6	77.4	81.8	82.0	82.6	79.4	76.1	71.4	68.9	74.4
2002	65.6	65.2	72.5	76.9	79.8	81.1	82.2	82.3	82.4	79.4	68.7	63.7	75.0
POR= 4 YRS	63.7	66.9	69.9	74.3	78.6	81.8	82.7	82.8	81.3	77.2	70.5	66.3	74.7

HEATING DEGREE DAYS (base 65°F) 2002 FORT MYERS, FL (FMY)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1997-98									58	0	0	0	
1998-99	0	0	0	0	1	33	63	61	22	0	0	0	180
1999-00	0	0	0	0	7	72	99	66	0	1	0	0	245
2000-01	0	0	0	0	24	109	226	10	17	3	0	0	389
2001-02	0	0	0	4	0	45	104	53	11	0	0	0	217
2002-	0	0	0	0	37	104							

WBAN : 12835

COOLING DEGREE DAYS (base 65°F) 2002 FORT MYERS, FL (FMY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1998			149	263	459	592	596	588	507	431	262	187	
1999	113	86	98	318	384	462	554	567	490	378	159	93	3702
2000	67	78	221	214	443	503	544	532	509	304	148	89	3652
2001	37	197	175	265	390	512	537	550	439	357	197	173	3829
2002	129	63	253	365	467	491	542	542	528	455	157	71	4063

SNOWFALL (inches) 2002 FORT MYERS, FL (FMY)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
POR=													

WBAN : 12835

REFERENCE NOTES :

PAGE 1 :
 THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).

PAGE 2 AND 3 :
 H/C INDICATES HEATING AND COOLING DEGREE DAYS.
 RH INDICATES RELATIVE HUMIDITY
 W/O INDICATES WEATHER AND OBSTRUCTIONS
 S INDICATES SUNSHINE.
 PR INDICATES PRESSURE.
 CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).

GENERAL:
 T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.
 + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
 NORMALS ARE 30-YEAR AVERAGES (1961 - 1990).
 ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.
 PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.
 POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.
 WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.
 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.
 CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET.
 THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.

GENERAL CONTINUED:
 CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.
 WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.
 RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.
 AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.
 SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.
 A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F.
 DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.
 DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.
 WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.

ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.

2002
FORT MYERS,
FLORIDA (FMY)

Located on the south bank of the Caloosahatchee River, about 15 miles from the Gulf of Mexico, Fort Myers has a climate characterized as subtropical, with temperature extremes of both summer and winter tempered by the marine influence of the Gulf.

Temperatures generally range from the low 60s in winter to the low 80s in summer. Winters are mild, with many bright, warm days and moderately cool nights. Occasional cold snaps bring temperatures in the 30s, but only rarely do temperatures drop into the 20s. Frost occurs in the farming areas on only a few occasions each year, and usually is light and scattered. In the summer, temperatures have reached 100 degrees, but these occurrences are very rare.

About two-thirds of annual precipitation occurs during June through September. There are frequent long periods during the winter when only very light, or no rain falls. Most rain during the summer occurs as late afternoon or early evening thunderstorms, which bring welcome cooling on hot summer days. These showers seldom last long, even though they yield large amounts of rain. Exceptions are during the late summer or fall when tropical storms or hurricanes may pass near the Fort Myers area. These may result in heavy downpours that may reach torrential proportions. Twenty-four-hour amounts of from 6 to over 10 inches may occur.

The prevailing wind direction is east and, except during the passage of tropical storms, high velocities are not experienced. During winter and spring there are usually a few days with 20 to 30 mph winds and thunderstorms are sometimes accompanied by strong gusts for brief periods. Winds approximating 100 mph have been experienced with the passage of hurricanes during the fall months.

Thunderstorms have occurred during every month, but are infrequent from November to April. From June through September they occur on 2 out of every 3 days on an average, and as a general rule, in the late afternoons or early evenings. Heavy fog is rather infrequent, occurring mostly in winter during the early mornings. There is seldom a day without sunshine at some time.

Relative humidity is high during the night, dropping off in the middle of the day.

STATION LOCATION

FORT MYERS, FLORIDA

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE										AUTOMATIC OBSERVING EQUIPMENT * REMARKS	
						SEA LEVEL TEMPERATURE	GROUND										HYGROMETER
							GROUND	WIND INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING GAUGE BUCKET	WEIGHING RAIN GAGE	8 INCH RAIN GAGE			
*NOTE: <u>AIRPORT</u> FAA-WB Building + Page Field + FAA Building (Effective 3/15/76) Page Field	12/7/59	10/01/95	3500 ft. SW	26°35'	81°52'	13 c15	20 d20	5 j	5 i5			5 f6 g3	3	b4 e4 h4	b. Commissioned 1980' NE of thermometer site 6/24/60. c. Effectie 6/24/60. d. Moved 325' SSE 11/7/65. e. Moved 325' SSE 11/18/65. f. Fischer-Porter raingage installed 9/1/75, operated by NWS. Weighing raingage removed 10/1/75. FAA observations effective 3/15/76. g. (see f) Minor move 12/15/83. h. Type change 12/15/85. i. Minor move 12/15/85. j. Removed 12/15/85. k. closed 10/95 l. Reopened 03/01/98 ASOS Commissioned 06/10/98 m. Ground Elevation		
	10/01/95 03/01/98 06/10/98	03/01/98 06/10/98 Present	K 1 NA	26°35' 26°35'	81°52' 81°52'	m15								S			

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* NOTES: For earlier station history see previous editions.