

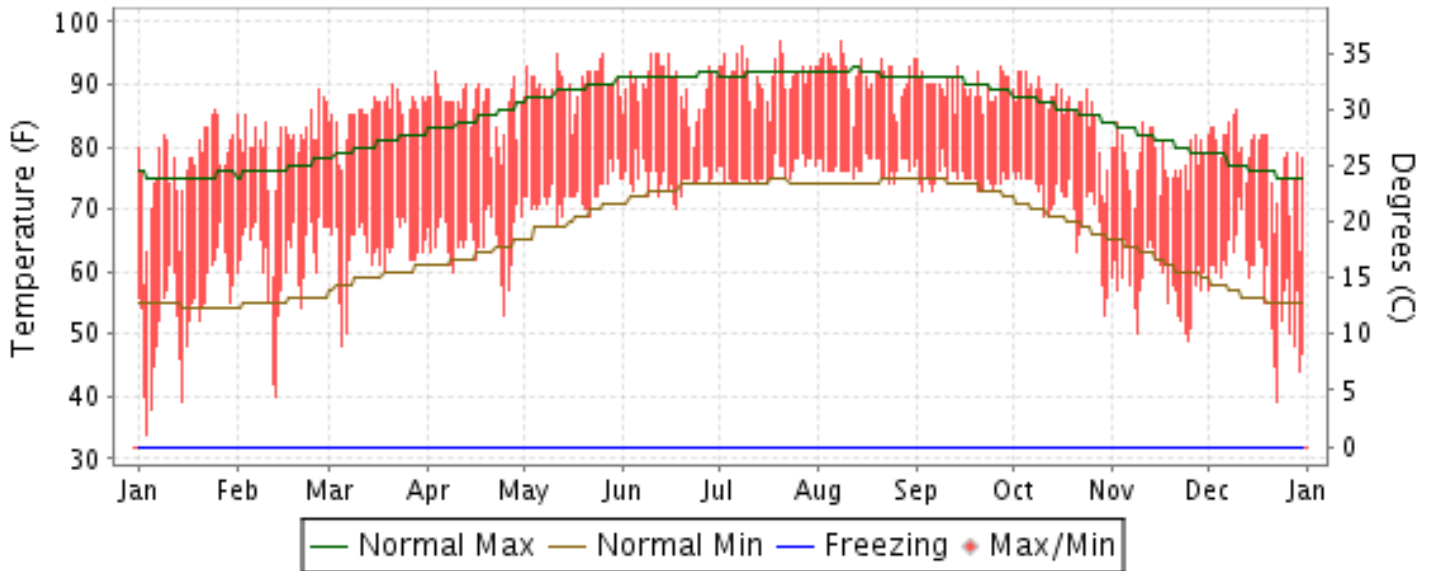


2012 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

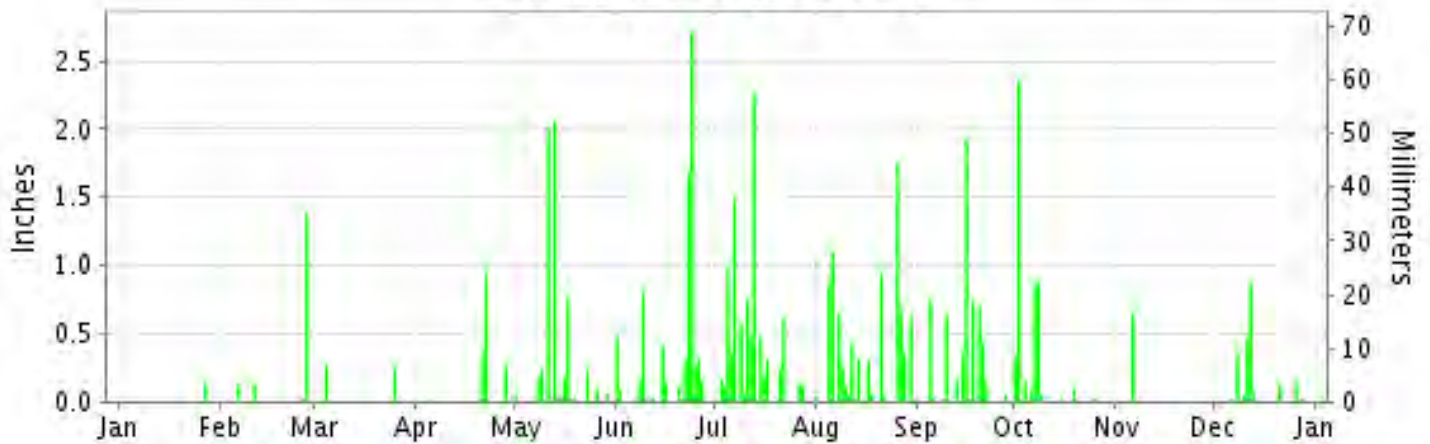
ISSN 0198-1234

FORT MYERS, FLORIDA (KFMY)

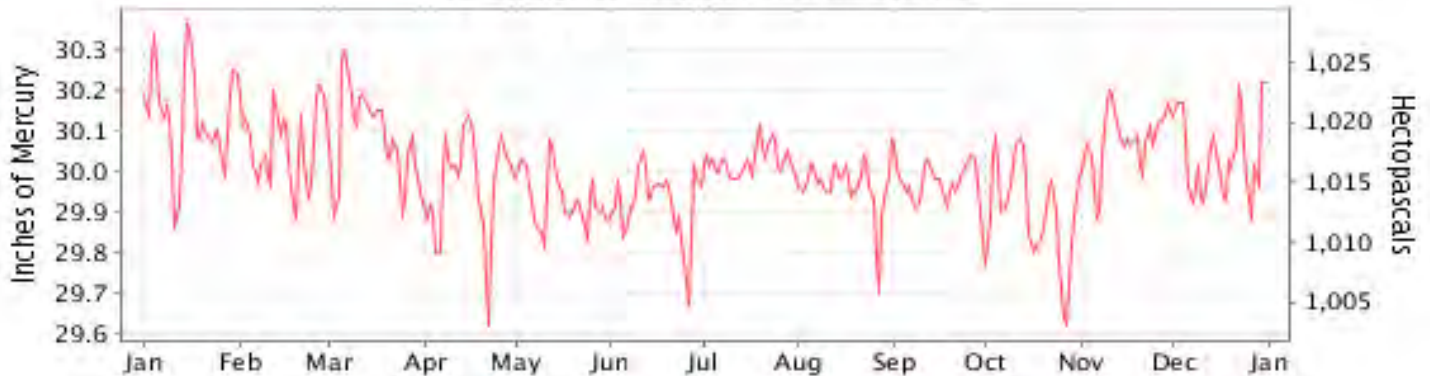
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2012

FORT MYERS (KFMY)

LATITUDE:
26° 35'N

LONGITUDE:
81° 51'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	77.0	81.1	85.4	86.5	90.2	89.7	91.5	91.6	89.7	86.3	78.2	78.5	85.5	
	HIGHEST DAILY MAXIMUM	86	89	90	92	95	95	97	97	94	92	84	86	97	
	DATE OF OCCURRENCE	25	27	21	03	26+	15+	20	08	01	05+	11+	10	AUG 08	
	MEAN DAILY MINIMUM	53.6	61.3	63.3	64.7	72.1	74.7	75.8	76.5	74.9	70.4	58.1	57.9	66.9	
	LOWEST DAILY MINIMUM	34	40	48	53	67	70	74	74	73	53	49	39	34	
	DATE OF OCCURRENCE	04	13	05	25	11	18	16+	25+	25+	30	25	23	JAN 04	
	AVERAGE DRY BULB	65.3	71.2	74.4	75.6	81.2	82.2	83.7	84.1	82.3	78.4	68.2	68.2	76.2	
	MEAN WET BULB	57.5	64.0	65.5	65.8	72.1	74.6	75.6	76.2	74.8	70.8		62.3		
	MEAN DEW POINT	51.5	59.5	60.1	59.8	68.1	71.4	72.8	73.5	72.1	67.2		58.7		
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	1	5	20	17	24	24	18	6	0	0	0	115
	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	75	23	3	0	0	0	0	0	0	3	12	43	159	
	COOLING DEGREE DAYS	91	211	301	327	508	524	587	600	527	424	113	151	4364	
RH	MEAN (PERCENT)	66	71	66	62	69	73	75	76	76	74	69	76	71	
	HOUR 01 LST	81	82	81	78	82	82	87	86	89	85	83	88	84	
	HOUR 07 LST	82	84	79	69	76	77	79	80	84	82	82	88	80	
	HOUR 13 LST	42	51	41	40	48	61	59	57	59	54	46	55	51	
	HOUR 19 LST	65	72	64	64	72	73	77	76	77	76	70	78	72	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	1	0	2	0	0	0	2	0	2	0	1	2	10	
	THUNDERSTORMS	0	0	2	1	4	7	16	14	11	2	0	1	58	
PR	MEAN STATION PRESS. (IN.)	30.14	30.07	30.09	29.97	29.93	29.91	30.03	29.96	29.97	29.90	30.07	30.04	30.01	
	MEAN SEA-LEVEL PRESS. (IN.)	30.17	30.10	30.11	29.99	29.96	29.94	30.05	29.99	30.00	29.93	30.10	30.08	30.04	
WINDS	RESULTANT SPEED (MPH)	1.6	1.7	3.2	0.4	0.9	1.8	0.8	1.9	1.8	3.9	4.5	1.5	1.4	
	RES. DIR. (TENS OF DEGS.)	05	08	10	03	18	16	15	12	08	03	03	05	08	
	MEAN SPEED (MPH)	5.7	6.7	7.5	7.7	6.3	7.8	4.1	5.9	5.7	7.6	6.4	5.9	6.4	
	PREVAIL.DIR.(TENS OF DEGS.)	05	09	09	11	10	09	11	14	06	06	04	05	09	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	25	23	29	28	26	31	29	26	24	29	22	24	31	
	DIR. (TENS OF DEGS.)	36	32	29	30	27	02	10	05	11	02	32	33	02	
	DATE OF OCCURRENCE	03	11	04	22	09	15	21	26	20	26	07	21	JUN 15	
	MAXIMUM 3-SECOND WIND:														
SPEED (MPH)	32	33	38	39	35	43	35	38	31	37	33	31	43		
DIR. (TENS OF DEGS.)	16	24	29	30	26	22	11	04	12	31	09	33	22		
DATE OF OCCURRENCE	11	19	04	22	09	26	21	26	18	27	06	21	JUN 26		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	0.15	1.70	0.53	1.65	5.95	7.75	9.39	8.68	6.04	4.93	0.66	2.18	49.61	
	GREATEST 24-HOUR (IN.)	0.15	1.39	0.27	0.99	2.05	4.08	2.75	2.29	1.93	2.61	0.66	1.23	4.08	
	DATE OF OCCURRENCE	27	27	04	21-22	13	23-24	12-13	26-27	16	01-02	06	11-12	JUN 23-24	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	1	5	4	6	14	17	18	19	14	12	1	9	120	
PRECIPITATION 0.10	1	3	2	3	7	12	16	13	9	5	1	5	77		
PRECIPITATION 1.00	0	1	0	0	2	2	2	2	1	1	0	0	11		
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 (KFMY)

LATITUDE:
26° 35'N

LONGITUDE:
81° 51'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	74.7	77.2	80.4	84.6	89.4	91.5	91.9	91.8	90.5	86.7	81.3	76.6	84.7
	MEAN DAILY MAXIMUM	71	73.8	70.4	79.2	81.6	87.5	86.9	90.0	90.1	85.8	84.6	76.2	74.7	81.7
	HIGHEST DAILY MAXIMUM	14	90	89	90	94	97	98	100	97	95	95	90	86	100
	YEAR OF OCCURRENCE		2003	2012	2012	2007	2011	2010	1998	2012	2011	2009	2004	2012	JUL 1998
	MEAN OF EXTREME MAXS.	71	84.8	84.8	87.6	90.6	94.7	95.5	95.5	95.1	93.5	91.3	87.3	84.4	90.4
	NORMAL DAILY MINIMUM	30	53.7	55.9	59.4	63.1	68.7	73.5	74.5	74.9	74.3	69.1	62.0	56.4	65.5
	MEAN DAILY MINIMUM	71	53.7	51.0	58.1	60.9	67.1	69.7	73.5	73.5	70.7	68.0	58.2	55.2	63.3
	LOWEST DAILY MINIMUM	14	30	34	41	44	55	67	70	71	67	47	42	33	30
	YEAR OF OCCURRENCE		2001	2009	2010	2003	1999	2008	2011	2002	2006	2008	2008	2010	JAN 2001
	MEAN OF EXTREME MINS.	71	35.4	40.4	45.6	51.7	61.4	68.7	71.5	72.3	70.5	55.8	48.7	41.0	55.3
	NORMAL DRY BULB	30	64.2	66.6	69.9	73.8	79.0	82.5	83.2	83.4	82.4	77.9	71.7	66.5	75.1
	MEAN DRY BULB	71	63.8	60.7	68.7	71.3	77.3	78.4	81.8	81.8	78.3	76.3	67.2	65.0	72.6
	MEAN WET BULB	14	54.9	57.2	61.2	64.0	68.8	73.1	74.5	75.1	74.1	68.6	62.4	58.7	66.1
	MEAN DEW POINT	14	55.4	57.8	61.8	64.2	69.1	73.4	74.7	75.3	74.4	68.9	62.5	58.7	66.4
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.1	0.1	3.0	13.5	21.3	24.7	24.4	19.3	5.9	0.4	0.0	112.7
	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	
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	108	59	24	3	0	0	0	0	0	2	16	75	287
	NORMAL COOLING DEG. DAYS	30	83	102	176	269	436	525	564	569	522	402	215	121	3984
RH	NORMAL (PERCENT)	30	76	73	72	70	71	77	79	80	80	76	76	76	76
	HOURLY 01 LST	30	86	85	85	84	85	89	91	91	90	87	87	87	87
	HOURLY 07 LST	30	89	89	90	89	88	90	91	92	93	91	90	89	90
	HOURLY 13 LST	30	56	54	51	47	50	57	59	60	61	56	57	57	55
	HOURLY 19 LST	30	73	69	67	65	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)	14	3.2	2.9	1.4	0.8	0.3	1.2	0.9	1.3	0.9	0.9	1.1	2.4	17.3
	THUNDERSTORMS	14	0.7	0.8	2.3	1.9	4.6	14.7	16.7	16.2	10.6	1.9	0.5	0.5	71.4
CLOUDINESS	MEAN: SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH: CLEAR														
	PARTLY CLOUDY CLOUDY														
PR	MEAN STATION PRESSURE(IN)	14	30.11	30.09	30.03	30.00	29.97	29.98	30.01	29.96	29.91	29.96	30.03	30.08	30.01
	MEAN SEA-LEVEL PRES. (IN)	14	30.14	30.11	30.05	30.03	29.99	30.00	30.03	29.99	29.94	29.98	30.06	30.11	30.04
WINDS	MEAN SPEED (MPH)	14	7.0	7.3	8.0	7.9	7.2	6.2	5.2	5.5	6.4	7.2	7.0	7.0	6.8
	PREVAIL.DIR.(TENS OF DEGS)	7	07	09	09	07	10	10	10	10	06	06	05	05	06
	MAXIMUM 2-MINUTE: SPEED (MPH)	14	38	31	40	36	38	48	38	50	41	62	30	35	62
	DIR. (TENS OF DEGS)		28	26	35	19	20	31	15	14	27	35	35	27	35
	YEAR OF OCCURRENCE		2011	2003	2011	2004	1999	1999	2011	2004	2004	2005	2002	2004	OCT 2005
	MAXIMUM 3-SECOND SPEED (MPH)	14	48	47	49	49	56	59	58	76	53	76	39	43	76
	DIR. (TENS OF DEGS)		27	27	35	18	34	30	14	17	27	34	19	28	34
YEAR OF OCCURRENCE		2011	2003	2011	2004	2007	1999	2011	2004	2004	2005	2008	2004	OCT 2005	
PRECIPITATION	NORMAL (IN)	30	1.94	2.15	2.88	2.18	2.65	10.09	9.04	10.14	8.31	2.88	1.96	1.71	55.93
	MAXIMUM MONTHLY (IN)	14	3.39	3.44	7.21	4.07	6.42	18.42	14.43	16.82	17.21	10.73	7.58	4.68	18.42
	YEAR OF OCCURRENCE		2004	2004	2010	2010	2009	2005	2006	2004	2003	2011	1998	2003	JUN 2005
	MINIMUM MONTHLY (IN)	14	0.15	0.11	0.13	0.01	0.20	4.52	2.92	7.74	4.51	0.45	0.09	.09	0.01
	YEAR OF OCCURRENCE		2012	2001	2007	2006	2001	2001	2003	2005	2004	2010	2008	2005	APR 2006
	MAXIMUM IN 24 HOURS (IN)	14	2.11	2.55	5.61	2.04	4.62	4.23	5.07	6.39	6.39	4.86	4.76	2.68	6.39
	YEAR OF OCCURRENCE		2003	2004	2010	2005	2007	2011	2008	2007	2000	2005	2002	2009	AUG 2007
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	5.5	5.2	6.2	4.2	6.8	16.0	17.6	17.9	15.4	6.8	4.4	4.5	110.5
PRECIPITATION >= 1.00	30	0.5	0.7	1.0	0.6	0.6	3.6	2.9	3.7	2.7	0.9	0.4	0.4	18.0	
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) 2012 FORT MYERS (KFMY)

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
2003	1.87	0.89	3.44	2.51	2.84	14.60	2.92	16.80	17.21	0.76	2.12	4.68	70.64
2004	3.39	3.44	0.36	3.65	0.47	15.07	10.35	16.82	4.51	0.70	1.10	1.97	61.83
2005	0.45	3.37	6.59	3.84	2.62	18.42	12.60	7.74	6.82	8.17	3.75	0.09	74.46
2006	0.36	2.34	0.32	0.01	2.03	13.70	14.43	9.45	10.11	0.85	1.11	1.56	56.27
2007	0.49	0.74	0.13	2.06	4.86	6.10	6.85	12.47	9.04	1.81	0.09	2.60	47.24
2008	1.31	2.25	1.57	3.03	0.81	7.14	13.19	10.33	14.86	3.43	0.09	2.07	60.08
2009	0.30	0.27	0.65	0.29	6.42	5.43	4.29	9.56	4.95	2.77	1.18	3.77	39.88
2010	1.11	3.01	7.21	4.07	0.54	8.52	7.62	10.31	7.15	0.45	1.75	1.34	53.08
2011	3.04	0.37	2.86	1.76	3.96	10.01	11.62	10.89	9.93	10.73	0.24	0.38	65.79
2012	0.15	1.70	0.53	1.65	5.95	7.75	9.39	8.68	6.04	4.93	0.66	2.18	49.61
POR= 71 YRS	1.60	1.92	2.33	2.25	3.81	9.50	8.60	8.73	8.22	3.75	1.43	1.56	53.70

WBAN : 12835

AVERAGE TEMPERATURE (°F) 2012 FORT MYERS (KFMY)

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
2003	58.0	67.8	74.9	73.6	80.5	82.1	83.0	82.4	81.8	78.5	73.5	62.6	74.9
2004	62.6	66.1	69.7	71.6	78.5	82.6	82.6	82.7	81.9	77.8	71.7	64.5	74.4
2005	64.9	66.0	68.0	70.8	77.4	80.4	84.0	84.4	82.6	77.4	72.5	64.3	74.4
2006	65.7	63.8	69.5	75.7	78.7	82.5	82.1	83.3	82.1	76.8	69.4	70.9	75.0
2007	67.8	64.6	71.2	73.4	77.7	81.5	83.4	84.2	83.1	81.2	71.3	71.2	75.9
2008	65.3	70.8	71.0	74.5	80.5	82.7	82.5	84.0	82.0	75.8	67.3	67.5	75.3
2009	63.2	64.1	70.3	74.7	79.9	83.2	83.5	83.5	82.8	78.9	71.7	67.8	75.3
2010	59.0	59.4	63.1	72.7	81.3	85.3	84.3	84.2	83.2	77.3	71.3	56.7	73.2
2011	62.8	68.1	71.0	77.7	80.0	82.9	83.7	84.1	83.1	75.8	72.4	69.8	76.0
2012	65.3	71.2	74.4	75.6	81.2	82.2	83.7	84.1	82.3	78.4	68.2	68.2	76.2
POR= 71 YRS	63.8	60.7	68.7	71.3	77.3	78.4	81.8	81.8	78.3	76.3	67.2	65.0	72.5

HEATING DEGREE DAYS (base 65°F) 2012 FORT MYERS (KFMY)

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
2002-03	0	0	0	0	37	104	222	27	8	6	0	0	404
2003-04	0	0	0	0	13	113	116	61	10	4	0	0	317
2004-05	0	0	0	0	2	90	90	38	46	0	0	0	266
2005-06	0	0	0	4	6	82	73	105	17	0	0	0	287
2006-07	0	0	0	3	40	22	58	80	11	7	0	0	221
2007-08	0	0	0	0	7	18	78	18	9	6	0	0	136
2008-09	0	0	0	13	47	37	115	82	23	3	0	0	320
2009-10	0	0	0	4	14	56	232	176	96	0	0	0	578
2010-11	0	0	0	0	12	257	115	36	10	0	0	0	430
2011-12	0	0	0	0	4	24	75	23	3	0	0	0	129
2012-	0	0	0	3	12	43							

WBAN : 12835

COOLING DEGREE DAYS (base 65°F) 2012 FORT MYERS (KFMY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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
2003	10	110	319	271	485	519	566	547	509	425	275	45	4081
2004	50	100	165	210	423	537	554	556	512	404	211	82	3804
2005	98	75	146	181	393	467	596	608	535	394	237	70	3800
2006	103	79	162	325	434	530	539	571	517	378	179	209	4026
2007	151	77	211	265	400	500	575	600	547	508	200	220	4254
2008	97	192	202	297	485	539	551	595	517	356	125	120	4076
2009	65	64	195	301	470	554	582	582	539	441	224	150	4167
2010	57	28	44	238	510	614	603	603	552	386	209	5	3849
2011	51	131	204	388	471	543	587	598	547	341	233	183	4277
2012	91	211	301	327	508	524	587	600	527	424	113	151	4364

SNOWFALL (inches) 2012 FORT MYERS (KFMY)

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

WBAN : 12835

REFERENCE NOTES :

<p>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).</p> <p>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).</p> <p>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. 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 CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.</p> <p>GENERAL CONTINUED: 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</p>	<p>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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS: http://www.ncdc.noaa.gov/homr/ SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p>NOTE:</p> <p>The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> <p>The 2012 Annual Publications were reproduced on 6/05/13 to correct two problems that occurred when the Publications were first produced on 02/28/13.</p> <ol style="list-style-type: none"> 1) A small number of stations did not correctly show number of days with thunderstorms and heavy fog. 2) Climate Normals in the Annual Publications were based on a first edition of the 1981-2010 Normals release. With the release of Service Pack 1 (SP1) new normals for 83 stations are available and now included. Additional information on SP1 is available at: http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt.
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2012 FORT MYERS FLORIDA (KFMY)

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 History

FORT MYERS, FL

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
FORT MYERS WB CITY	1920-01-01	1936-12-31	26° 39'	-81° 52'			SYNOPTIC
FORT MYERS PAGE FIELD AP	1940-07-28	1948-07-01	26° 34'	-81° 52'	15	3.75 MI XX	AIRWAYS
FORT MYERS PAGE FIELD AP	1976-03-15	1993-02-03	26° 34'	-81° 52'	15		AIRWAYS, COOP, USHCN
FORT MYERS PAGE FIELD AP	1973-01-01	1976-03-15	26° 34'	-81° 52'	15		COOP, USHCN, WXSVC
FORT MYERS PAGE FIELD AP	1948-07-01	1973-01-01	26° 34'	-81° 52'	15		AIRWAYS, COOP, USHCN
FORT MYERS PAGE FIELD AP	1995-02-01	1998-06-10	26° 36'	-81° 52'	15		AIRWAYS, COOP, USHCN
FORT MYERS PAGE FIELD AP	1998-06-10	2001-11-19	26° 35'	-81° 51'	15		AIRWAYS, ASOS, COOP, USHCN
FORT MYERS WB CITY	1919-01-01	1919-05-31	26° 39'	-81° 52'			SYNOPTIC
FORT MYERS WB CITY	1937-04-01	1940-07-28	26° 39'	-81° 52'			AIRWAYS
FORT MYERS PAGE FIELD AP	1993-02-03	1995-02-01	26° 36'	-81° 52'	15	.8 MI NE	AIRWAYS, COOP, USHCN
FORT MYERS PAGE FIELD AP	2001-11-19	Present	26° 35'	-81° 51'	15		AIRWAYS, ASOS, COOP, USHCN

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1975-09-01	1996-09-01	DAILY	2400	F&P	RCRD	
PRECIP	1996-09-01	2001-11-19	DAILY	2400			
TEMP	1975-09-01	1996-09-01	DAILY	2400	HYGR		
PRECIP	2001-11-19	Present	DAILY	2400	PCPNX		
TEMP	1960-07-14	1975-09-01	DAILY	2400	HYGR		
PRECIP	1996-09-01	2001-11-19	HOURLY	2400	F&P	RCRD	
TEMP	1996-09-01	2001-11-19	DAILY	2400	HYGR		
DEWPNTTEMP	2001-11-19	Present	DAILY	2400	ATEMP		
PRECIP	1960-07-14	1975-09-01	DAILY	2400	UNIV	RCRD	
PRECIP	2001-11-19	Present	HOURLY	2400	AWPAG	RCRD;HTD	
PRECIP	1940-07-28	1960-07-14	DAILY	2400	UNIV	RCRD	
TEMP	1940-07-28	1960-07-14	DAILY	2400			
PRECIP	1975-09-01	1996-09-01	HOURLY	2400	F&P	RCRD	
TEMP	2001-11-19	Present	DAILY	2400	ATEMP		

* For explanation of codes and abbreviations see Station Metadata link below.

Other Station Information can be found at:

ASOS Implementation by NWS: <http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm>

Station Metadata website: <http://www.ncdc.noaa.gov/homr>

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Fax Number : (828) 271-4876

TDD : (828) 271-4010

Email : ncdc.orders@noaa.gov

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151 Patton Avenue

Asheville, NC 28801-5001

Visit our Web Site for other weather data: www.ncdc.noaa.gov