

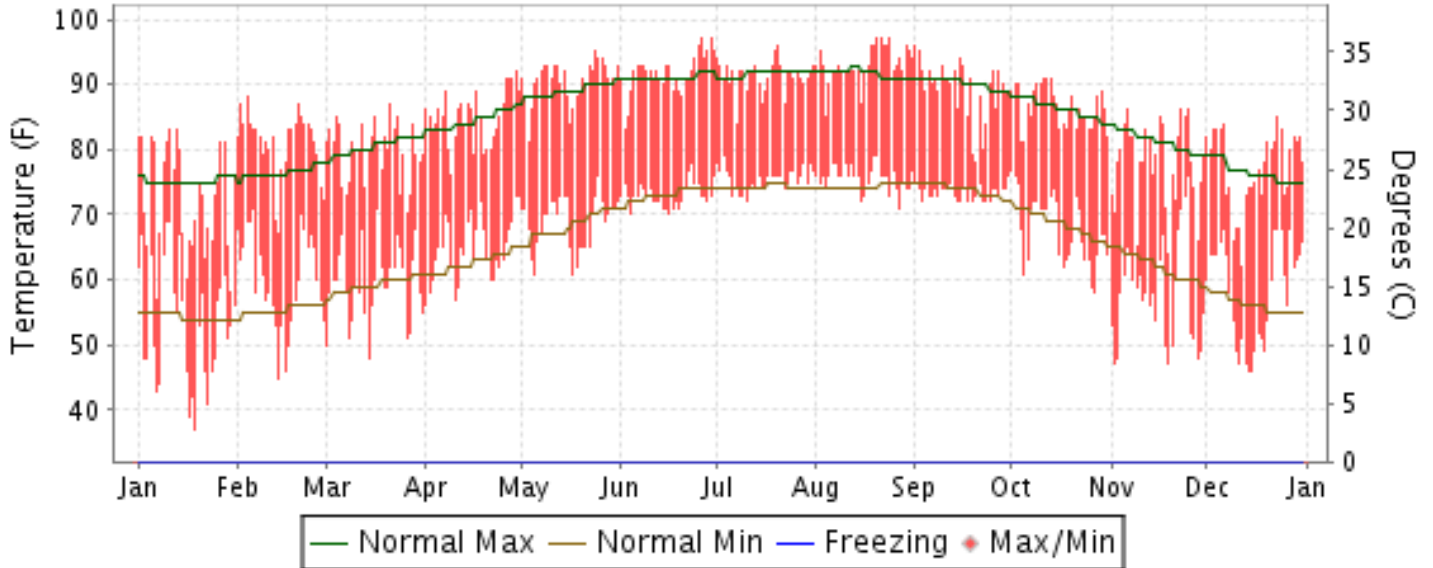


2014 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

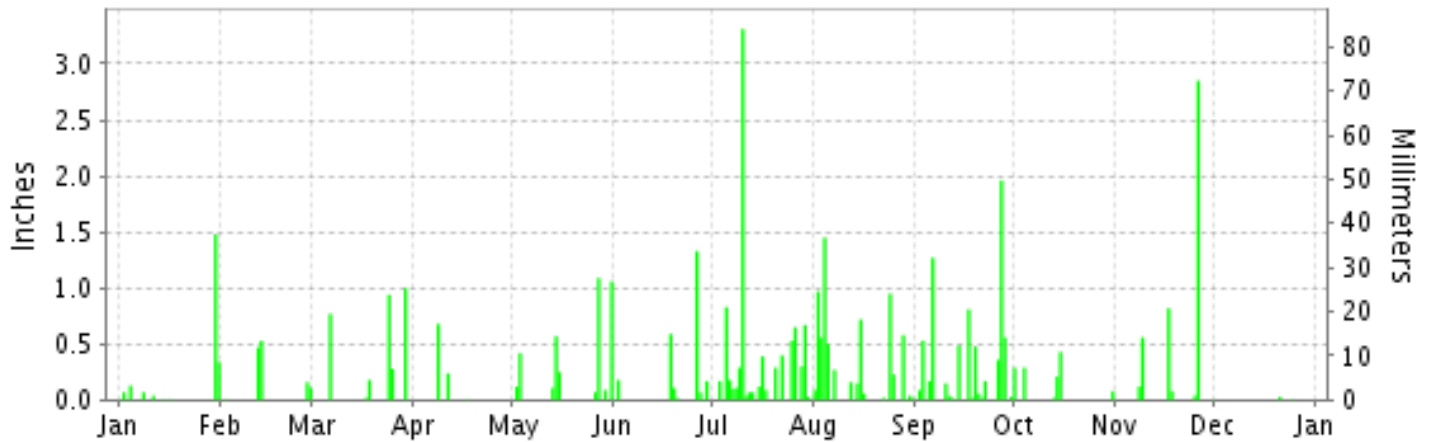
ISSN 0198-1234

FORT MYERS, FLORIDA (KFMY)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

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 2014

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	72.5	80.9	79.7	85.0	90.5	91.7	91.4	93.2	89.2	86.4	78.0	77.1	84.6	
	HIGHEST DAILY MAXIMUM	83	88	87	92	95	97	96	97	96	91	86	85	97	
	DATE OF OCCURRENCE	13+	04	21	29	24	29+	20	24+	01	13+	25+	23	AUG 24+	
	MEAN DAILY MINIMUM	53.5	60.1	59.4	64.8	68.8	73.1	75.5	75.7	73.4	67.8	58.0	58.3	65.7	
	LOWEST DAILY MINIMUM	37	45	48	56	61	70	72	71	72	58	47	46	37	
	DATE OF OCCURRENCE	19	14	14	01	17+	16+	10	27	24+	27	19+	15+	JAN 19	
	AVERAGE DRY BULB	63.0	70.5	69.6	74.9	79.6	82.4	83.4	84.4	81.3	77.1	68.0	67.7	75.2	
	MEAN WET BULB		64.0	62.8	66.9	69.9	73.9	76.3	76.6	74.8	69.9	61.5	61.9		
	MEAN DEW POINT		60.6	58.2	62.6	64.9	70.7	73.8	73.9	73.2	66.5	57.5	58.6		
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	4	23	24	26	29	18	7	0	0	0	131
	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	138	18	9	0	0	0	0	0	0	0	41	48	254	
	COOLING DEGREE DAYS	83	178	161	305	464	530	580	610	500	380	136	138	4065	
RH	MEAN (PERCENT)	75	76	71	71	67	73	78	77	85	75	73	77	75	
	HOUR 01 LST	85	89	84	85	84	88	90	92	96	89	84	88	88	
	HOUR 07 LST	86	91	83	79	74	76	81	84	92	86	83	91	84	
	HOUR 13 LST	57	53	50	50	46	54	63	56	66	54	56	55	55	
	HOUR 19 LST	78	77	72	73	67	76	80	76	89	73	74	79	76	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	7	6	2	1	1	1	1	0	0	0	0	3	22	
	THUNDERSTORMS	0	1	2	3	9	16	21	15	16	1	1	0	85	
PR	MEAN STATION PRESS. (IN.)	30.08	30.02	30.00	29.98	30.03	30.01	30.01	29.97	29.96	29.95	30.06	30.08	30.01	
	MEAN SEA-LEVEL PRESS. (IN.)	30.11	30.05	30.03	30.01	30.05	30.03	30.05	30.00	29.99	29.98	30.09	30.11	30.04	
WINDS	RESULTANT SPEED (MPH)		0.9	1.0	0.3	3.4		1.4	0.5	2.2	2.2	4.3	2.1		
	RES. DIR. (TENS OF DEGS.)		28	31	24	09		24	08	11	05	03	04		
	MEAN SPEED (MPH)	7.7	6.3	7.8	7.8	7.8	6.0	4.9	5.2	5.3	6.3	8.4	6.0	6.6	
	PREVAIL.DIR.(TENS OF DEGS.)	05	12	06	10	09	09	11	05	08	07	03	06	03	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	26	28	31	26	25	31	32	33	32	22	28	23	33	
	DIR. (TENS OF DEGS.)	34	31	27	22	14	09	29	07	11	24	31	29	07	
	DATE OF OCCURRENCE	06	13	18	08	14	29	29	24	03	14	01	24	AUG 24	
	MAXIMUM 3-SECOND WIND:														
SPEED (MPH)	32	35	41	38	35	42	39	51	45	29	40	30	51		
DIR. (TENS OF DEGS.)	31	31	25	22	17	09	29	07	11	29	33	20	07		
DATE OF OCCURRENCE	03	13	18	08	27	29	29	24	03	04	01	24	AUG 24		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	2.16	1.28	3.19	0.93	3.78		8.64	6.78	7.24	1.32	4.47	0.05		
	GREATEST 24-HOUR (IN.)	1.57	1.00	1.22	0.68	1.10		3.43	2.01	2.49	0.64	2.85	0.03		
	DATE OF OCCURRENCE	30-31	12-13	24-25	08	26-27		09-10	03-04	27-28	14-15	26	21		
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	9	5	6	3	9		20	17	19	6	6	3		
PRECIPITATION 0.10	3	4	5	2	7		15	11	11	4	4	0			
PRECIPITATION 1.00	1	0	1	0	2		1	1	2	0	1	0			
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	73	73.9	70.6	79.2	81.7	87.5	87.0	89.9	90.1	85.9	84.7	76.3	74.8	81.8
	HIGHEST DAILY MAXIMUM	16	90	89	90	94	97	98	100	97	96	95	90	87	100
	YEAR OF OCCURRENCE		2003	2012	2012	2013	2011	2010	1998	2014	2014	2009	2004	2013	JUL 1998
	MEAN OF EXTREME MAXS.	73	84.9	85.1	87.4	90.9	94.7	95.5	95.1	95.1	93.6	91.2	87.2	84.6	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	73	53.7	51.2	58.1	61.1	67.2	69.8	73.4	73.5	70.8	68.0	58.2	55.3	63.4
	LOWEST DAILY MINIMUM	16	30	34	39	44	55	67	45	71	67	47	42	33	30
	YEAR OF OCCURRENCE		2001	2009	2013	2003	1999	2008	2013	2014	2006	2008	2013	2010	JAN 2001
	MEAN OF EXTREME MINS.	73	36.1	40.5	45.4	52.4	61.2	68.9	70.0	72.1	70.6	56.2	48.2	41.8	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	72	63.8	61.0	68.6	71.4	77.4	78.5	80.8	81.9	78.4	76.3	67.3	65.1	72.5
	MEAN WET BULB	15	55.2	57.3	60.3	64.0	68.3	72.9	73.6	74.9	74.0	68.4	62.1	58.9	65.8
	MEAN DEW POINT	15	56.0	58.4	61.5	64.6	69.1	73.5	74.1	75.4	74.4	69.1	62.7	59.3	66.5
	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
	hour 01 LST	30	86	85	85	84	85	89	91	91	90	87	87	87	87
	hour 07 LST	30	89	89	90	89	88	90	91	92	93	91	90	89	90
	hour 13 LST	30	56	54	51	47	50	57	59	60	61	56	57	57	55
	hour 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)	16	3.4	2.9	1.4	0.8	0.4	1.3	1.0	1.2	0.8	0.8	1.0	2.3	17.3
	THUNDERSTORMS	16	0.6	0.8	2.1	2.1	4.8	14.4	15.9	16.1	10.8	1.8	0.5	0.5	70.4
CLOUDINESS	MEAN: SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH: CLEAR														
	PARTLY CLOUDY CLOUDY														
PR	MEAN STATION PRESSURE(IN)	16	30.11	30.08	30.03	30.00	29.97	29.98	30.01	29.97	29.92	29.96	30.04	30.08	30.01
	MEAN SEA-LEVEL PRES. (IN)	16	30.14	30.11	30.05	30.03	30.00	30.01	30.04	29.99	29.94	29.98	30.06	30.11	30.04
WINDS	MEAN SPEED (MPH)	16	7.0	7.2	8.0	7.9	7.2	6.1	5.2	5.5	6.3	7.1	7.2	6.9	6.8
	PREVAIL.DIR.(TENS OF DEGS)	9	07	05	07	10	09	10	10	10	06	06	05	05	06
	MAXIMUM 2-MINUTE: SPEED (MPH)	15	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)	16	48	47	49	49	56	59	58	76	53	76	40	43	76
	DIR. (TENS OF DEGS)		27	27	35	18	34	30	14	17	27	34	33	28	34
	YEAR OF OCCURRENCE		2011	2003	2011	2004	2007	1999	2011	2004	2004	2005	2014	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)	16	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)	16	0.15	0.11	0.13	0.01	0.20	4.52	0.62	6.78	4.51	0.45	0.09	0.05	0.01
	YEAR OF OCCURRENCE		2012	2001	2007	2006	2001	2001	2013	2014	2004	2010	2008	2014	APR 2006
	MAXIMUM IN 24 HOURS (IN)	16	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) 2014 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
2013	0.62	1.86	0.78	3.09	3.81	10.33	0.62	9.06	10.92	1.34	1.43	0.50	44.36
2014	2.16	1.28	3.19	0.93	3.78		8.64	6.78	7.24	1.32	4.47	0.05	
POR= 73 YRS	1.60	1.91	2.32	2.24	3.81	9.38	8.49	8.71	8.24	3.68	1.47	1.52	53.37

WBAN : 12835

AVERAGE TEMPERATURE (°F) 2014 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
2013	69.9	68.0	64.4	77.0	77.4	81.5	5.7	82.6	81.1	78.2	72.8	71.5	69.2
2014	63.0	70.5	69.6	74.9	79.6	82.4	83.4	84.4	81.3	77.1	68.0	67.7	75.2
POR= 72 YRS	63.8	61.0	68.6	71.4	77.4	78.5	80.8	81.9	78.4	76.3	67.3	65.1	72.5

HEATING DEGREE DAYS (base 65°F) 2014 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
2012-13	0	0	0	3	12	43	14	44	85	0	0	0	201
2013-14	14	0	0	0	9	4	138	18	9	0	0	0	192
2014-	0	0	0	0	41	48							

WBAN : 12835

COOLING DEGREE DAYS (base 65°F) 2014 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
2013	176	135	71	364	391	505	176	553	487	418	251	215	3742
2014	83	178	161	305	464	530	580	610	500	380	136	138	4065

SNOWFALL (inches) 2014 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>
---	--

2014

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 PAGE FIELD AP	1976-03-15	1993-02-03	26° 34'	-81° 52'	15		AIRWAYS, COOP, USHCN
FORT MYERS PAGE FIELD AP	1940-07-28	1944-01-01	26° 34'	-81° 52'	15	3.75 MI UN	AIRWAYS
FORT MYERS PAGE FIELD AP	1948-07-01	1973-01-01	26° 34'	-81° 52'	15		AIRWAYS, COOP, USHCN
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	1944-01-01	1948-07-01	26° 34'	-81° 52'	15		AIRWAYS
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	1920-01-01	1936-12-31	26° 39'	-81° 52'			SYNOPTIC
FORT MYERS PAGE FIELD AP	1973-01-01	1976-03-15	26° 34'	-81° 52'	15		COOP, USHCN, WXSVC
FORT MYERS PAGE FIELD AP	2001-11-19	Present	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

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1975-09-01	1989-06-15	HOURLY	2400	F&P	RCRD	
WIND	2001-11-19	2009-02-06	HOURLY	UNKN	ANEMCUP		
TEMP	2009-02-06	Present	DAILY	2400	ATEMP		
PRECIP	1975-09-01	1989-06-15	DAILY	2400	F&P	RCRD	
PRECIP	1989-06-15	1998-06-10	DAILY	2400	SRG		
PRECIP	2001-11-19	2009-02-06	DAILY	2400	PCPNX		
PRECIP	1998-06-10	2001-11-19	DAILY	2400	SRG		
TEMP	1975-09-01	1989-06-15	DAILY	2400			
DEWPNTTEMP	2001-11-19	2009-02-06	DAILY	2400	ATEMP		
TEMP	2001-11-19	2009-02-06	DAILY	2400	ATEMP		
WIND	2009-02-06	Present	HOURLY	UNKN	ANEMSONIC		
TEMP	1989-06-15	1998-06-10	DAILY	2400	HYGR		
PRECIP	1989-06-15	1998-06-10	HOURLY	2400	F&P	RCRD	
TEMP	1998-06-10	2001-11-19	DAILY	2400	HYGR		
PRECIP	2001-11-19	2009-02-06	HOURLY	2400	AWPAG	RCRD;HTD	
PRECIP	2009-02-06	Present	DAILY	2400	PCPNX		
TEMP	1940-07-28	1975-09-01	DAILY	2400			
PRECIP	1940-07-28	1975-09-01	DAILY	2400	UNIV	RCRD	
WIND	1998-06-10	2001-11-19	HOURLY	UNKN	ANEMCUP		
DEWPNTTEMP	2009-02-06	Present	DAILY	2400	ATEMP		
PRECIP	1998-06-10	2001-11-19	HOURLY	2400	F&P	RCRD	
PRECIP	2009-02-06	Present	HOURLY	2400	AWPAG	RCRD;HTD	

* 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/asos2implementation.htm>

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

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2

Fax Number : (828) 271-4876

TDD : (828) 271-4010

Email : ncdc.orders@noaa.gov

NOAA/National Climatic Data Center

Attn: User Engagement & Services Branch

151 Patton Avenue

Asheville, NC 28801-5001

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