

## Monthly Meteorological Data for July 2011 - Morris Plains, New Jersey

Day	Temperature				Degree Days	Barometric Pressure			Wind (mph)			Precipitation		General Observations					
	Max	Min	Mean	Dep		Max	Min	Mean	Avg W.S.	Gust	Dom Dir	Rain	Snow						
1	86	53	69.5	-1.5	-5	30.14	29.95	30.05	n/a	11	W	0.00	0.0	Partly Cloudy					
2	89	69	79.0	8.0	-14	30.17	29.94	30.06	n/a	8	NNE	0.00	0.0	Partly Cloudy					
3	77	62	69.5	-1.5	-5	30.05	29.84	29.95	n/a	10	N	1.19	0.0	Rain					
4	88	62	75.0	4.0	-10	29.96	29.79	29.88	n/a	0	W	0.00	0.0	Clouds AM, Partly Cloudy PM					
5	92	59	75.5	4.5	-11	30.03	29.86	29.95	n/a	7	W	0.00	0.0	No Observations					
6	92	59	75.5	4.5	-11	30.04	29.82	29.93	n/a	8	W	0.00	0.0	No Observations					
7	94	65	79.5	8.0	-15	29.98	29.85	29.92	n/a	16	WSW	0.23	0.0	No Observations					
8	88	66	77.0	4.5	-12	29.97	29.76	29.87	n/a	17	WNW	0.83	0.0	Showers					
9	89	64	76.5	3.0	-12	30.01	29.81	29.91	n/a	14	W	0.00	0.0	Partly Cloudy, Less Humid					
10	90	55	72.5	-1.0	-8	30.15	29.97	30.06	n/a	5	W	0.00	0.0	Partly Cloudy, Less Humid					
11	94	63	78.5	6.0	-14	30.09	29.77	29.93	n/a	6	W	0.00	0.0	Partly Cloudy, Less Humid					
12	93	70	81.5	9.5	-17	29.82	29.64	29.73	n/a	13	W	0.00	0.0	Partly Cloudy, Less Humid					
13	87	66	76.5	4.5	-12	29.96	29.71	29.84	n/a	16	WNW	0.00	0.0	Partly Cloudy, Less Humid					
14	86	59	72.5	-0.5	-8	30.16	29.96	30.06	1	17	WNW	0.00	0.0	Sunny, Warm					
15	90	58	74.0	1.0	-9	30.17	29.99	30.08	0	13	WSW	0.00	0.0	Partly Cloudy, Hot					
16	91	59	75.0	2.0	-10	30.23	30.06	30.15	0	8	WSW	0.00	0.0	Sunny, Hot					
17	92	59	75.5	2.5	-11	30.26	30.02	30.14	0	8	NW	0.00	0.0	Sunny, Hot					
18	93	66	79.5	5.5	-15	30.13	29.79	29.96	0	12	WSW	0.00	0.0	Hazy, Hot & Humid					
19	96	70	83.0	9.0	-18	29.93	29.72	29.83	0	9	SW	0.00	0.0	Hazy, Hot & Humid					
20	85	66	75.5	1.5	-11	29.96	29.79	29.88	0	9	SW	0.00	0.0	Hazy, Hot & Humid					
21	99	71	85.0	11.5	-20	29.91	29.65	29.78	0	11	WSW	0.00	0.0	Hazy, Hot & Humid					
22	103	75	89.0	15.5	-24	29.91	29.74	29.83	0	11	NE	0.00	0.0	Record Heat					
23	97	72	84.5	11.5	-20	29.95	29.82	29.89	0	12	WNW	0.00	0.0	Hot & Humid					
24	92	72	82.0	9.0	-17	29.98	29.85	29.92	0	16	SW	0.58	0.0	Hot & Humid, Shower PM					
25	79	67	73.0	0.0	-8	29.99	29.85	29.92	0	12	S	1.03	0.0	Showers					
26	90	66	78.0	5.0	-13	29.85	29.63	29.74	0	20	SE	0.08	0.0	Brief Shower					
27	86	60	73.0	0.0	-8	30.07	29.84	29.96	0	13	WSW	0.01	0.0	Sunny, Less Humid					
28	88	62	75.0	2.0	-10	30.11	30.01	30.06	0	8	W	0.00	0.0	Clouds, Hazy					
29	89	69	79.0	6.0	-14	30.06	29.78	29.92	0	6	WSW	0.73	0.0	Showers					
30	92	66	79.0	6.0	-14	30.09	29.80	29.95	0	13	NNW	0.00	0.0	Hazy, Hot & Humid					
31	93	60	76.5	3.5	-12	30.15	29.93	30.04	0.0	10	NNW	0.11	0.0	Partly Cloudy					
Max:		103	July 22		Avg Max:		90.3	Max:		30.26	July 17		Avg. Wind Speed:		0.1	1.19	0.0	24 Hour Maximum	
Min:		53	July 01		Avg Min:		64.2	Min:		29.63	July 26		Peak Gust:		20	9	0	Number of Days > 0.01"	
Mean:		77.3	Departure From Normal:		4.6		Mean:		29.94	Dominant Direction:		W		4.79	0.0	Monthly Total			
Days with Maximum Temperatures Above 90F:					18					Monthly Precipitation Departure:					0.5 (inches above normal)				
Days with Maximum Temperatures Below 32F:					0					Yearly Rainfall Total					38.25				
Days with Minimum Temperatures Below 32F:					0														
Total Monthly Degree Days:					-380 (Degree Day Base 65)														