

LOCAL CLIMATOLOGICAL DATA

Daily Summary

December 1, 2006

Station: Oakland, NJ
 Latitude: 41° 02' 28" N
 Longitude: 74° 13' 52" W
 Elevation (ground): 280 feet
 Time Zone: Eastern

Hour	Temperature				Humidity Mean	Precipitation Water Equiv.	Pressure Adj. to Sea Level			Wind				Sun Mean Index		
	Maximum	Minimum	Mean	Dew Point			Maximum	Minimum	Mean	Avg Speed	Res	Peak			Minute	
												Speed	Dir		Speed	Dir
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
00	62.1	62.0	62.1	56	80	0.00	29.94	29.91	29.926	2.6	227	7	S	4	236	
01	62.1	62.0	62.1	56	81	0.00	29.91	29.91	29.909	1.9	224	9	WSW	4	217	
02	62.0	61.0	61.6	56	82	0.00	29.91	29.90	29.904	0.5	236	3	SW	2	235	
03	61.0	59.5	60.2	56	86	0.00	29.90	29.88	29.888	0.0	236	2	SW	1	235	
04	59.5	59.0	59.2	56	90	0.00	29.88	29.86	29.868	0.7	236	6	SSW	3	223	
05	61.3	59.0	60.2	59	94	0.00	29.86	29.85	29.851	2.2	229	9	SW	6	220	
06	62.0	61.3	61.7	60	95	0.00	29.85	29.83	29.839	1.9	226	6	WSW	3	227	
07	62.0	62.0	62.0	60	94	0.01	29.83	29.82	29.829	0.8	232	5	SSW	3	224	
08	62.7	62.0	62.2	61	95	0.00	29.82	29.81	29.821	1.9	227	6	SW	4	221	
09	63.4	62.7	63.1	62	95	0.00	29.81	29.79	29.804	2.0	226	7	SW	4	229	
10	63.9	63.4	63.7	62	95	0.00	29.79	29.75	29.782	1.7	223	8	SW	5	231	
11	64.5	63.9	64.1	62	94	0.03	29.75	29.68	29.727	2.2	227	15	WSW	6	236	
12	65.2	64.5	64.8	63	94	0.00	29.68	29.63	29.659	2.4	218	10	S	5	220	
13	66.1	65.2	65.7	63	90	0.08	29.63	29.58	29.615	2.3	218	10	SW	5	222	
14	65.6	64.5	64.9	62	91	0.09	29.58	29.52	29.557	2.6	217	14	SSW	9	197	
15	66.3	64.8	65.5	63	91	0.00	29.52	29.47	29.504	5.6	225	17	SSW	11	221	
16	68.4	66.3	67.4	62	84	0.00	29.47	29.41	29.447	8.2	223	24	SSW	14	222	
17	68.9	68.4	68.8	62	79	0.00	29.41	29.38	29.396	9.2	223	26	WSW	14	224	
18	70.1*	68.1	69.3	62	77	0.27	29.44	29.37	29.393	10.2	225	27	WSW	18	230	
19	68.1	61.8	63.4	59	84	0.31	29.46	29.44	29.443	6.4	230	17	SW	12	236	
20	62.6	62.0	62.3	52	68	0.00	29.56	29.46	29.491	6.5	240	23	WNW	12	268	
21	62.0	54.8	58.1	37	45	0.00	29.64	29.56	29.594	8.2	247	31	W	15	232	
22	54.8	49.5	52.1	32	46	0.00	29.71	29.64	29.669	5.1	254	19	S	10	234	
23	49.5	46.1*	47.7	30	51	0.00	29.77	29.71	29.738	4.9	241	20	W	9	234	
-----						Total	For the day:									-----
-----						0.79	29.94	29.37	29.694	3.8	230	31	W	18	230	-----
Avg			Mean	Avg	Avg	Month	Hour	Hour	-----	-----	---	Hour		Hour	Avg	
58.1			62.2	56	82	0.79	0	18	-----	-----	---	21		18		
Total Snow, Ice Pellets			0.0	Greatest Depth on Ground of Snow, Ice Pellets or Ice			0	Precip Types		Degree Days		Heat	7			
												Cool	0			

NOTES:

Units are: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Data in columns 4, 5, 6, 10, 11, 17 are means via continuous observations for each hour.
 Column 5: Dew point is calculated from temperature and humidity and is continuously averaged for each hour.
 Columns 11-12: Resultant wind is calculated by the vector sum of continuous wind observations.
 Column 17: Sunshine Index is measured in Watts/m^2 and is continuously averaged for each hour.
 Snowfall, snow cover, and precipitation type data are entered manually by the station observer.
 Degree Days heating base is 65°F, cooling base is 65°F.