

# LOCAL CLIMATOLOGICAL DATA

Daily Summary  
February 27, 2016

Station: Taunton 2W  
Latitude: 41° 53' 56" N  
Longitude: 71° 08' 19" W  
Elevation (ground): 50 feet  
Time Zone: Eastern

Hour	Temperature				Humidity Mean	Precipitation Water Equiv.	Pressure Adj. to Sea Level			Wind						Solar Radiation
	Maximum	Minimum	Mean	Dew Point			Maximum	Minimum	Mean	Avg Speed	Res	Peak		2 Minute		
												Speed	Dir	Speed	Dir	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
00	24.3	23.5	23.8	8	51	0.00	30.00	29.99	29.990	4.9	273	12	W	7	264	0
01	23.6	22.3	22.9	9	54	0.00	30.01	30.00	30.000	4.0	274	10	W	7	269	0
02	22.3	21.1	21.6	9	58	0.00	30.01	30.00	30.006	2.3	265	7	WNW	5	254	0
03	21.1	20.2	20.5	9	62	0.00	30.03	30.01	30.017	2.4	272	8	WSW	5	310	0
04	20.8	20.1	20.5	9	60	0.00	30.05	30.02	30.037	2.7	297	9	NW	6	324	0
05	20.1	16.4	18.1	10	70	0.00	30.07	30.05	30.060	1.1	279	4	W	3	283	0
06	16.4	14.7*	15.5	10	79	0.00	30.07	30.06	30.068	0.6	280	3	W	2	280	14
07	24.2	15.5	19.6	14	78	0.00	30.08	30.07	30.078	0.5	270	5	SW	3	233	180
08	26.5	24.1	25.3	11	54	0.00	30.08	30.08	30.082	5.0	293	13	W	10	308	347
09	30.2	26.2	28.1	10	47	0.00	30.08	30.07	30.076	5.2	299	12	WNW	11	310	521
10	31.5	29.4	30.5	10	42	0.00	30.07	30.05	30.061	4.2	264	12	SW	8	244	572
11	34.5	31.2	33.2	11	38	0.00	30.05	30.02	30.037	4.6	237	13	SW	10	204	649
12	36.3	34.2	35.1	12	38	0.00	30.02	29.98	30.004	6.3	213	15	SSW	12	202	670
13	37.2	35.9	36.3	14	39	0.00	29.99	29.96	29.972	7.5	204	18	S	12	198	597
14	37.3*	36.2	36.7	16	43	0.00	29.96	29.94	29.951	8.2	194	18	SE	11	224	472
15	37.1	35.9	36.6	20	50	0.00	29.94	29.93	29.935	8.0	181	18	SSE	13	145	300
16	37.1	35.1	36.4	18	48	0.00	29.93	29.92	29.920	8.4	197	20	SSW	12	207	123
17	35.1	32.4	33.8	16	48	0.00	29.92	29.91	29.918	6.3	202	15	SSW	10	209	9
18	32.4	31.6	32.0	19	58	0.00	29.94	29.92	29.932	6.0	212	15	WSW	9	207	0
19	31.6	31.0	31.2	20	64	0.00	29.94	29.92	29.929	6.4	217	15	SSW	10	222	0
20	31.1	30.9	31.0	22	68	0.00	29.92	29.91	29.916	5.7	213	12	S	9	219	0
21	31.6	30.9	31.2	23	70	0.00	29.92	29.90	29.909	6.1	212	14	S	9	206	0
22	32.7	31.5	32.3	24	71	0.00	29.91	29.89	29.900	6.6	217	16	SSW	11	217	0
23	34.8	32.7	33.7	25	69	0.00	29.89	29.88	29.886	6.2	220	13	SSW	9	221	0
-	-			---	--	Total	For the day:									--
-	-			---	--	0.00	30.08	29.88	29.987	5.0	226	20	SSW	13	145	--
	Avg		Mean	Avg	Avg	Month	Hour	Hour		--	---	Hour		Hour		Avg
	26.0		28.6	15	57	5.25	8	23		--	---	16		15		186
Total Snow, Ice Pellets				0.0		Greatest Depth on Ground of Snow, Ice Pellets or Ice				0		Precip Types .....		Degree Days		Heat 39 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: Solar Radiation is measured in Watts/m<sup>2</sup> 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.