

# LOCAL CLIMATOLOGICAL DATA

## Daily Summary

### August 1, 2000

Station: Taunton 2W  
 Latitude: 41° 54' 00" N  
 Longitude: 71° 08' 02" W  
 Elevation (ground): 50 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. Dir	Peak		Minute		
												Speed	Dir	Speed	Dir	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
00	64	62*	64.0	56	73	0.02	30.00	29.98	30.000	2.9	84	8	E	6	80	0.0
01	64	62	64.0	56	73	0.09	30.00	29.97	29.992	2.3	84	8	E	5	70	0.0
02	64	62	63.4	55	74	0.12	29.99	29.96	29.980	2.6	47	6	E	4	80	0.0
03	64	62	63.0	55	74	0.00	29.97	29.95	29.963	2.7	65	7	E	4	70	0.0
04	64	62	63.6	57	78	0.00	29.96	29.93	29.954	3.4	68	8	E	5	70	0.0
05	64	62	64.0	58	81	0.00	29.95	29.93	29.947	3.4	77	7	E	6	60	10.2
06	64	63	64.0	58	81	0.00	29.95	29.91	29.942	3.3	78	10	NE	6	90	50.7
07	65	63	64.5	58	81	0.00	29.94	29.91	29.933	2.9	68	7	E	5	70	70.0
08	67	64	65.9	60	81	0.00	29.93	29.89	29.918	4.1	88	10	E	6	90	83.1
09	68	66	67.5	62	80	0.00	29.91	29.89	29.909	3.2	78	10	E	6	90	82.5
10	70	67	68.7	62	79	0.00	29.91	29.88	29.900	4.1	78	9	NE	6	40	85.5
11	70	69	69.9	63	78	0.00	29.90	29.87	29.889	4.1	82	11	E	6	120	80.1
12	70	69	70.0	62	74	0.00	29.88	29.85	29.875	3.4	59	9	E	6	60	77.6
13	70	69	69.3	61	73	0.00	29.87	29.85	29.867	5.4	31	12	NNE	8	20	82.6
14	70	68	69.4	61	73	0.00	29.86	29.83	29.854	6.4	25	13	E	8	10	86.2
15	71*	68	70.0	63	76	0.00	29.85	29.83	29.846	6.3	9	12	NNE	9	10	84.5
16	71	69	70.4	63	76	0.00	29.85	29.82	29.841	6.4	11	13	NNE	9	10	75.5
17	70	68	69.5	61	72	0.00	29.84	29.82	29.836	5.6	4	12	N	9	10	65.7
18	69	67	68.3	60	73	0.00	29.84	29.81	29.832	5.6	350	10	N	8	0	61.5
19	68	66	67.4	59	73	0.00	29.84	29.81	29.831	5.7	351	11	N	8	0	54.3
20	67	66	67.0	59	74	0.00	29.84	29.81	29.833	5.2	348	12	N	8	340	0.0
21	67	65	66.6	59	74	0.00	29.86	29.81	29.846	3.9	345	9	N	6	0	0.0
22	66	65	66.0	58	75	0.00	29.86	29.83	29.851	3.9	329	9	NNW	6	320	0.0
23	66	64	65.9	58	75	0.00	29.86	29.83	29.853	3.0	309	7	W	4	330	0.0
-----	-----	-----	---	----	Total	For the day:										Sum
-----	-----	-----	---	----	0.23	30.00	29.81	29.895	4.2	32	13	E	9	10	1044	
Avg		Mean		Avg	Avg	Month	Hour	Hour	-----	----	---	Hour		Hour		Avg
66.5		66.8		59	76	0.23	0+	18+	-----	----	---	14+		15+		44
Total Snow, Ice Pellets				Greatest Depth on Ground of Snow, Ice Pellets or Ice				Precip Types .....				Degree Days		Heat		0
0.0				0										Cool		1

**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 via solar cell and its value ranges from 0 (darkest) to 99 (brightest)  
 and is continuously averaged for each hour.  
 Snowfall, snow cover, and precipitation type data are entered manually by the station observer.