

Summary of Monthly Normals 1991-2020

Generated on 07/25/2024

Current Location: Elev: 190 ft. Lat: 41.9381° N Lon: 72.6825° W
 Station: **HARTFORD BRADLEY INTL AP, CT US USW00014740**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	35.3	18.8	27.1	4.2	4.7	4.4	0.2	0.1	0.0	0.0	0.0	0.0	866.5	928.4	1021.3	1176.3	0.0	0.0	2.8	12.2	27.2	2.1
02	38.5	20.7	29.6	4.6	5.0	4.7	0.2	0.1	0.0	0.0	0.0	0.0	711.3	767.2	851.1	991.1	0.0	0.0	3.9	7.6	24.8	1.0
03	47.3	28.2	37.8	4.4	3.6	3.9	4.8	3.0	1.4	0.4	0.0	0.0	539.5	599.7	691.2	845.1	0.0	0.0	12.2	2.1	21.4	0.1
04	60.5	38.4	49.5	3.1	2.1	2.5	43.4	30.8	17.8	6.7	1.8	0.9	209.9	257.3	334.3	473.2	0.0	0.3	25.5	0.0	7.2	0.0
05	71.7	48.4	60.0	3.4	2.5	2.8	188.1	145.3	93.7	39.8	12.2	6.6	31.6	50.8	92.2	193.3	0.0	1.4	30.8	0.0	0.4	0.0
06	79.9	57.8	68.9	2.2	1.6	1.5	416.7	358.2	273.4	150.1	63.4	40.5	1.3	2.8	7.9	34.7	0.0	3.5	30.0	0.0	0.0	0.0
07	85.2	63.4	74.3	3.0	2.5	2.6	598.2	536.2	443.2	290.2	152.7	108.1	0.0	0.0	0.0	2.0	0.3	8.1	31.0	0.0	0.0	0.0
08	83.3	61.7	72.5	2.2	1.9	1.9	542.4	480.4	387.8	238.1	113.3	76.3	0.0	0.0	0.4	5.6	0.1	5.1	31.0	0.0	0.0	0.0
09	75.7	53.8	64.8	2.5	2.2	2.1	301.5	248.7	177.3	85.6	30.5	18.0	9.0	16.3	34.9	93.1	0.0	1.2	30.0	0.0	0.1	0.0
10	63.5	42.4	53.0	2.8	2.8	2.6	72.5	50.6	27.8	8.3	1.6	0.6	136.0	176.1	246.3	381.8	0.0	0.0	29.4	0.0	4.1	0.0
11	51.5	33.0	42.3	3.6	2.5	2.9	8.9	5.0	1.8	0.1	0.0	0.0	391.4	447.5	534.3	682.6	0.0	0.0	16.4	0.4	15.4	0.0
12	40.6	24.6	32.6	4.1	3.8	3.8	0.6	0.3	0.1	0.0	0.0	0.0	694.9	756.6	849.4	1004.3	0.0	0.0	5.6	6.1	25.4	0.3
Summary	61.1	40.9	51.0	3.3	2.9	3.0	2178	1859	1424	819	376	251	3591	4003	4663	5883	0.4	19.6	248.6	28.4	126.0	3.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	3.28	10.9	6.2	2.4	0.8	2.29	2.94	3.86	
02	3.13	10.5	6.4	2.3	0.7	2.24	3.01	3.48	
03	3.81	11.2	7.0	2.8	0.9	2.66	3.70	4.67	
04	3.88	11.5	7.1	2.5	1.0	2.60	3.47	5.44	
05	3.79	12.3	7.4	2.4	0.8	2.63	3.40	4.61	
06	4.28	11.8	7.4	2.8	1.2	2.27	3.93	6.17	
07	4.17	10.7	7.3	2.7	1.1	2.58	4.06	5.22	
08	4.21	10.4	6.5	2.7	1.3	2.42	3.66	5.09	
09	4.39	9.2	5.9	2.7	1.2	2.25	3.18	5.62	
10	4.52	10.5	6.4	2.9	1.5	2.24	4.02	5.58	
11	3.51	9.9	6.0	2.6	1.0	2.43	3.77	4.31	
12	4.08	11.5	7.2	2.9	0.9	2.79	4.24	4.99	
Summary	47.05	130.4	80.8	31.7	12.4	29.40	43.38	59.04	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	14.20	6.1	3.6	1.6	0.8	0.2					6.40	10.60	15.60
02	14.80	6.2	3.2	1.5	0.9	0.3					8.30	13.90	21.40
03	9.40	3.8	2.4	1.0	0.5	0.1					4.20	8.00	13.50
04	1.10	0.7	0.5	0.1	0.0	0.0					0.00	0.00	1.30
05	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.70	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	1.40	0.9	0.4	0.2	0.0	0.0					0.00	0.00	2.20
12	10.10	4.5	2.3	1.4	0.7	0.1					3.00	9.80	14.20
Summary	51.7	22.3	12.5	5.8	2.9	0.7	0.0	0.0	0.0	0.0	21.9	42.3	68.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12.3	15.4	77.5	296.4	621.5	865.4	1063.1	1007.4	742.4	405.3	137.9	32.0
45	3.7	4.3	33.4	177.5	467.0	715.5	908.2	852.4	592.5	266.5	67.4	11.3
50	1.1	0.9	13.5	93.3	317.9	565.5	753.2	697.4	443.8	151.9	27.6	3.1
55	0.2	0.2	4.8	43.4	188.1	416.7	598.2	542.4	301.5	72.5	8.9	0.6
60	0.0	0.0	1.4	17.8	93.7	273.4	443.2	387.8	177.3	27.8	1.8	0.1
Growing Degree Units for Corn (Monthly)												
50/86	7.5	10.5	48.6	174.5	365.8	558.4	720.0	677.1	464.4	228.7	73.3	15.7

Growing Degree Units (Accumulated Monthly)												
40	12	28	105	402	1023	1888	2952	3959	4701	5107	5245	5277
45	4	8	41	219	686	1401	2310	3162	3755	4021	4088	4100
50	1	2	16	109	427	992	1745	2443	2887	3039	3066	3069
55	0	0	5	49	237	653	1252	1794	2096	2168	2177	2178
60	0	0	1	19	113	386	830	1217	1395	1422	1424	1424
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	18	67	241	607	1165	1885	2562	3027	3256	3329	3344

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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