U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals 1991-2020

Generated on 11/11/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 330 ft. Lat: 44.4683° N Lon: 73.1500° W

Station: **BURLINGTON INTL AP, VT US USW00014742**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	28.9	12.9	20.9	4.8	5.8	5.3	0.4	0.3	0.2	0.0	0.0	0.0	1057.2	1119.1	1212.1	1366.9	0.0	0.0	1.3	19.4	28.7	7.3
02	31.5	14.3	22.9	4.9	6.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	898.7	954.7	1038.7	1178.7	0.0	0.0	1.3	14.8	26.1	5.0
03	40.9	23.6	32.3	4.4	4.6	4.4	3.3	2.3	1.4	0.4	0.1	0.0	708.5	769.5	861.6	1015.6	0.0	0.0	6.5	7.4	25.7	1.5
04	55.3	35.9	45.6	3.2	2.4	2.6	27.0	19.4	11.2	3.7	0.7	0.3	309.1	361.4	443.3	585.7	0.0	0.0	19.9	0.3	12.9	0.0
05	69.0	47.8	58.4	3.6	2.5	2.9	161.6	124.5	79.7	31.7	9.7	5.7	56.3	81.2	129.4	236.4	0.0	0.4	30.4	0.0	0.9	0.0
06	77.6	57.3	67.5	2.4	2.0	1.9	375.6	317.9	236.4	122.9	49.1	31.5	2.2	4.5	13.0	49.5	0.0	1.8	30.0	0.0	0.0	0.0
07	82.4	62.4	72.4	2.8	2.1	2.4	539.2	477.3	384.7	234.9	110.8	74.3	0.0	0.0	0.3	5.6	0.0	3.6	31.0	0.0	0.0	0.0
08	80.7	60.7	70.7	2.2	1.8	1.9	486.6	424.9	333.4	191.3	81.9	51.7	0.1	0.3	1.8	14.7	0.0	1.6	31.0	0.0	0.0	0.0
09	72.6	52.9	62.7	2.9	2.2	2.4	253.1	205.2	142.3	65.9	24.0	14.7	20.7	32.8	59.9	133.5	0.0	0.7	29.9	0.0	0.3	0.0
10	58.9	41.8	50.3	3.0	2.9	2.8	51.6	35.3	18.3	4.7	0.6	0.2	195.7	241.5	317.4	458.8	0.0	0.0	25.2	0.0	6.2	0.0
11	46.4	32.1	39.3	4.1	2.9	3.4	6.5	3.8	1.4	0.1	0.0	0.0	479.1	536.4	623.9	772.6	0.0	0.0	10.1	2.6	17.3	0.0
12	35.0	21.3	28.2	4.2	4.4	4.2	0.1	0.0	0.0	0.0	0.0	0.0	832.3	894.3	987.3	1142.3	0.0	0.0	2.2	12.5	26.6	1.8
Summary	56.6	38.6	47.6	3.5	3.3	3.3	1905	1611	1209	656	277	178	4560	4996	5689	6960	0.0	8.1	218.8	57.0	144.7	15.6

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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	2.13	14.7	5.6	1.1	0.3	1.48	1.92	2.52
02	1.77	12.1	4.8	0.8	0.1	1.23	1.69	2.17
03	2.24	12.7	5.8	1.2	0.3	1.62	2.10	2.66
04	3.07	13.2	7.6	1.8	0.2	2.07	2.89	3.74
05	3.76	13.6	8.1	2.4	0.8	2.25	3.23	5.01
06	4.26	13.6	8.0	3.0	0.9	2.71	3.64	5.25
07	4.06	12.8	8.2	2.8	0.9	2.98	3.59	4.72
08	3.54	11.7	6.9	2.3	0.7	2.27	3.29	4.44
09	3.67	11.0	6.6	2.2	0.9	2.52	3.26	4.74
10	3.83	12.9	7.9	2.3	1.1	2.73	3.46	5.06
11	2.70	13.7	6.4	1.7	0.3	1.87	2.46	3.33
12	2.50	15.2	6.5	1.3	0.2	1.58	2.45	3.29
Summary	37.53	157.2	82.4	22.9	6.7	25.31	33.98	46.93

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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	21.10	14.3	6.1	1.6	0.9	0.2	25.3	17.7	12.4	6.0	15.10	19.10	25.00
02	19.30	12.1	5.0	1.7	0.9	0.2	23.9	19.0	15.6	6.8	10.10	16.60	26.90
03	17.50	8.7	3.7	1.7	1.0	0.3	17.1	13.0	10.7	5.4	8.30	15.20	25.50
04	4.10	2.9	1.1	0.3	0.1	0.0	2.2	1.0	0.6	0.2	0.30	3.00	5.40
05	0.00	0.1	0.0	0.0	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.30	0.4	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.10
11	5.70	4.6	1.7	0.5	0.2	0.0	4.1	2.3	0.9	0.0	1.90	3.80	7.80
12	19.50	11.6	5.4	1.9	0.8	0.1	16.6	10.1	6.4	2.2	9.00	16.00	24.60
Summary	87.5	54.7	23.1	7.7	3.9	0.8	89.3	63.2	46.6	20.6	44.7	73.7	115.3

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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	7.5	6.5	41.2	208.2	570.5	823.4	1004.3	951.6	682.5	330.9	98.7	16.8
45	2.3	1.8	16.8	115.2	418.2	673.4	849.3	796.6	533.1	206.8	46.5	5.0
50	0.9	0.4	7.3	58.5	277.6	523.7	694.2	641.6	387.3	112.6	18.7	0.9
55	0.4	0.0	3.3	27.0	161.6	375.6	539.2	486.6	253.1	51.6	6.5	0.1
60	0.2	0.0	1.4	11.2	79.7	236.4	384.7	333.4	142.3	18.3	1.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.1	2.9	23.2	117.2	329.3	522.9	677.3	633.9	412.1	164.4	42.6	5.4

Growing Degree Units (Accumulated Monthly)

40	8	14	55	263	834	1657	2662	3613	4296	4627	4725	4742
45	2	4	21	136	554	1228	2077	2874	3407	3614	3660	3665
50	1	1	9	67	345	868	1563	2204	2592	2704	2723	2724
55	0	0	4	31	192	568	1107	1594	1847	1898	1905	1905
60	0	0	2	13	92	329	714	1047	1189	1208	1209	1209
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	6	29	146	476	999	1676	2310	2722	2886	2929	2934

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

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