

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 5170 ft. Lat: 41.0103° N Lon: 103.8769° W
Station: **BUSHNELL 15S, NE US USC00251361**

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	38.3	11.2	24.8	4.7	2.7	3.5	0.0	0.0	0.0	0.0	0.0	0.0	937.9	999.9	1092.8	1247.8	0.0	0.0	6.1	8.3	30.7	4.4
02	39.2	12.1	25.7	5.2	4.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	821.3	877.4	961.6	1101.7	0.0	0.0	6.4	8.8	27.8	3.9
03	48.9	18.8	33.9	4.6	3.0	3.6	0.6	0.2	0.0	0.0	0.0	0.0	656.5	718.1	810.8	965.8	0.0	0.0	17.3	3.2	29.5	0.9
04	55.8	25.8	40.8	3.6	2.5	2.8	2.8	1.4	0.4	0.0	0.0	0.0	428.6	487.2	576.3	725.9	0.0	0.0	21.8	1.3	23.3	0.2
05	64.8	35.9	50.4	3.9	2.1	2.7	50.5	33.5	15.8	2.7	0.3	0.1	194.7	239.7	315.0	456.9	0.0	0.2	27.4	0.2	9.4	0.0
06	76.7	45.1	60.9	4.7	2.1	3.1	203.1	157.0	98.1	34.3	7.8	3.1	26.3	40.2	71.2	157.4	0.1	3.7	29.9	0.0	0.3	0.0
07	84.3	51.2	67.8	3.2	1.7	2.3	396.4	335.8	248.0	118.8	32.8	14.9	1.5	2.8	7.9	33.7	0.5	11.6	31.0	0.0	0.0	0.0
08	82.7	49.6	66.2	2.7	2.2	2.2	349.6	291.5	207.5	87.9	19.3	7.4	4.2	8.0	17.0	52.3	0.1	6.5	31.0	0.0	0.1	0.0
09	74.3	41.1	57.7	2.9	2.5	2.4	145.8	108.8	64.0	18.4	2.1	0.4	65.2	88.1	133.2	237.5	0.0	1.6	29.3	0.1	2.8	0.0
10	59.5	28.2	43.9	4.3	3.1	3.3	13.2	6.8	1.6	0.0	0.0	0.0	358.6	414.3	502.1	655.5	0.0	0.0	24.8	1.2	19.4	0.2
11	47.2	18.0	32.6	5.3	2.9	3.8	0.5	0.2	0.0	0.0	0.0	0.0	672.5	732.2	822.0	972.0	0.0	0.0	16.0	3.6	28.0	1.2
12	37.7	11.0	24.4	3.9	2.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	949.5	1011.6	1104.8	1259.9	0.0	0.0	7.2	10.1	30.8	4.5
Summary	59.1	29.0	44.1	4.1	2.7	3.1	1162	935	635	262	62	26	5117	5620	6415	7866	0.7	23.6	248.2	36.8	202.1	15.3

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	0.26	3.7	0.8	0.0	0.0	0.16	0.28	0.32	
02	0.39	5.5	1.7	0.0	0.0	0.14	0.34	0.56	
03	0.88	5.8	2.8	0.5	0.1	0.37	0.64	1.21	
04	1.69	9.2	4.9	1.3	0.4	0.90	1.37	2.38	
05	2.68	11.7	5.9	1.8	0.5	1.67	2.29	3.14	
06	2.52	9.7	5.9	1.3	0.3	1.28	1.82	4.24	
07	2.49	9.9	5.1	1.2	0.4	1.67	2.03	2.98	
08	2.22	8.4	4.2	1.2	0.5	1.26	1.94	2.79	
09	1.39	6.7	3.7	0.7	0.2	0.52	1.16	1.83	
10	1.20	6.1	2.6	0.4	0.1	0.45	0.86	1.75	
11	0.52	4.2	1.6	0.1	0.0	0.30	0.44	0.57	
12	0.46	4.7	1.7	0.2	0.1	0.20	0.34	0.53	
Summary	16.70	85.6	40.9	8.7	2.6	8.92	13.51	22.30	

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

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

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	4.10	3.6	1.4	0.3	0.0	0.0	12.4	7.4	3.9	0.7	2.20	4.10	5.40
02	8.70	6.1	3.0	0.8	0.2	0.0	11.0	5.0	1.8	0.3	5.10	7.90	11.30
03	8.70	4.7	2.7	1.0	0.3	0.1	5.5	2.6	1.2	0.2	5.60	8.10	11.50
04	8.20	4.4	2.4	1.1	0.3	0.1	3.1	1.7	0.7	0.1	3.70	5.50	12.40
05	2.70	1.3	0.6	0.4	0.2	0.0	0.9	0.7	0.3	0.0	0.00	0.50	5.20
06	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
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	0.20	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
10	3.90	1.7	1.0	0.6	0.3	0.0	1.8	1.2	0.4	0.0	0.00	4.60	6.10
11	6.30	3.9	2.1	0.6	0.2	0.0	5.3	1.8	0.6	0.1	4.00	6.10	7.80
12	8.80	4.7	3.0	0.9	0.3	0.1	11.1	5.9	3.4	1.1	4.40	6.20	12.00
Summary	51.6	30.7	16.3	5.7	1.8	0.3	51.2	26.3	12.3	2.5	25.0	43.0	71.7

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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	5.1	9.1	45.3	121.7	338.5	626.8	859.8	810.4	534.3	197.8	42.6	6.4
45	0.9	2.4	15.6	52.3	214.0	477.6	704.6	655.3	391.0	105.6	13.8	0.9
50	0.1	0.4	3.8	16.1	116.6	333.4	549.8	500.6	258.8	45.5	3.1	0.0
55	0.0	0.0	0.6	2.8	50.5	203.1	396.4	349.6	145.8	13.2	0.5	0.0
60	0.0	0.0	0.0	0.4	15.8	98.1	248.0	207.5	64.0	1.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	15.4	21.8	76.1	132.6	241.7	398.4	535.7	514.1	365.7	182.9	65.3	16.9

Growing Degree Units (Accumulated Monthly)												
40	5	14	60	181	520	1146	2006	2817	3351	3549	3591	3598
45	1	3	19	71	285	763	1467	2123	2514	2619	2633	2634
50	0	0	4	20	137	470	1020	1521	1780	1825	1828	1828
55	0	0	1	3	54	257	653	1003	1149	1162	1162	1162
60	0	0	0	0	16	114	362	570	634	635	635	635
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	37	113	246	488	886	1422	1936	2302	2484	2550	2567

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

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