

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4921 ft. Lat: 39.2814° N Lon: 103.0620° W
Station: **FLAGLER 1S, CO US USC00052932**
Generated on 06/04/2024

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	45.0	17.1	31.1	4.4	3.7	3.8	0.1	0.0	0.0	0.0	0.0	0.0	742.6	804.5	897.5	1052.5	0.0	0.0	11.9	5.5	30.1	2.2
02	46.9	19.1	33.0	4.7	3.6	3.8	0.6	0.4	0.2	0.0	0.0	0.0	616.3	672.0	756.0	895.8	0.0	0.0	12.1	4.5	27.0	2.0
03	56.6	27.0	41.8	4.6	3.3	3.7	8.3	4.0	1.3	0.1	0.0	0.0	417.6	475.3	565.6	719.3	0.0	0.0	23.0	1.7	24.7	0.5
04	63.7	34.5	49.1	4.6	2.9	3.4	39.5	24.9	11.6	2.2	0.4	0.2	216.4	261.7	338.5	479.2	0.0	0.0	25.6	0.6	14.9	0.0
05	73.0	44.4	58.7	4.1	2.3	3.0	179.3	140.7	91.7	35.2	8.8	4.3	64.5	87.9	131.9	230.5	0.0	1.4	29.9	0.0	3.4	0.0
06	84.7	53.9	69.3	3.7	2.4	2.8	431.4	373.8	290.4	165.0	70.8	45.6	2.6	5.1	11.6	36.2	0.7	8.7	30.0	0.0	0.0	0.0
07	89.1	59.5	74.3	3.2	1.7	2.2	598.1	536.1	443.7	294.0	156.1	109.2	0.0	0.1	0.7	5.8	1.1	16.3	31.0	0.0	0.0	0.0
08	86.8	58.0	72.4	2.7	1.6	2.0	539.7	478.2	386.7	240.2	113.4	74.9	0.5	1.1	2.5	10.9	1.0	11.9	31.0	0.0	0.0	0.0
09	79.1	49.3	64.2	3.3	2.2	2.7	298.1	248.1	179.2	88.1	29.0	15.1	22.2	32.4	53.4	112.2	0.0	4.5	29.7	0.0	1.0	0.0
10	65.8	36.0	50.9	4.2	2.9	3.1	62.0	42.6	21.1	3.5	0.1	0.0	189.0	231.6	303.1	440.5	0.0	0.2	27.9	0.5	11.4	0.0
11	53.7	25.5	39.6	4.9	3.3	3.8	6.2	3.0	0.9	0.1	0.0	0.0	468.2	525.0	612.9	762.1	0.0	0.0	18.5	2.7	24.7	0.4
12	43.8	17.0	30.4	3.4	3.2	3.0	0.1	0.0	0.0	0.0	0.0	0.0	762.4	824.1	917.2	1072.3	0.0	0.0	11.8	5.9	30.0	1.7
Summary	65.7	36.8	51.2	4.0	2.8	3.1	2163	1852	1427	828	379	249	3502	3921	4591	5817	2.8	43.0	282.4	21.4	167.2	6.8

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	0.34	2.1	1.2	0.1	0.0	0.09	0.23	0.44	
02	0.31	1.9	1.0	0.0	0.0	0.03	0.24	0.47	
03	0.80	3.5	2.3	0.6	0.1	0.36	0.56	1.02	
04	1.37	4.1	3.1	0.9	0.2	0.56	1.30	2.14	
05	2.47	5.8	4.9	1.7	0.5	1.16	1.81	3.65	
06	2.64	5.9	4.9	1.8	0.5	1.59	2.70	2.96	
07	3.06	6.6	5.4	2.0	0.9	2.06	2.85	4.30	
08	2.71	5.6	4.7	1.9	0.8	1.50	2.75	3.75	
09	1.24	2.7	2.3	0.9	0.2	0.35	1.15	1.58	
10	0.90	2.9	2.2	0.4	0.2	0.26	0.44	1.42	
11	0.29	1.9	1.3	0.1	0.0	0.12	0.20	0.57	
12	0.37	2.1	1.0	0.2	0.1	0.06	0.21	0.53	
Summary	16.50	45.1	34.3	10.6	3.5	8.14	14.44	22.83	

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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	5.10	1.9	1.6	0.8	0.2	0.0	3.1	1.2	0.5	0.0	0.50	4.00	8.00
02	3.80	1.7	1.2	0.6	0.2	0.0	2.4	1.5	0.9	0.3	0.00	1.50	6.40
03	3.90	1.8	1.5	0.6	0.2	0.0	1.9	0.6	0.2	0.0	1.10	3.20	6.40
04	3.40	0.9	0.8	0.4	0.1	0.0	0.9	0.5	0.2	0.0	0.00	1.00	5.00
05	0.60	0.1	0.1	0.1	0.0	0.0	0.1	0.1	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	0.40	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
10	1.00	0.2	0.2	0.2	0.1	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
11	2.40	1.3	1.0	0.4	0.2	0.0	1.7	0.9	0.5	0.0	0.00	2.30	3.40
12	3.90	1.7	1.4	0.6	0.2	0.1	1.9	0.7	0.2	0.0	0.70	2.50	6.20
Summary	24.5	9.7	7.9	3.8	1.2	0.1	12.4	5.8	2.6	0.3	2.3	14.5	35.4

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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	28.8	40.7	157.5	304.0	581.2	878.8	1063.1	1004.3	726.3	360.6	127.0	27.5
45	8.5	13.7	79.8	188.0	431.8	728.8	908.1	849.2	578.1	234.9	64.9	8.1
50	1.8	3.1	31.6	98.1	295.3	579.1	753.1	694.3	433.7	133.6	26.0	1.6
55	0.1	0.6	8.3	39.5	179.3	431.4	598.1	539.7	298.1	62.0	6.2	0.1
60	0.0	0.2	1.3	11.6	91.7	290.4	443.7	386.7	179.2	21.1	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	46.4	57.9	147.5	223.3	366.9	551.0	679.7	644.0	457.0	258.4	119.9	42.8

Growing Degree Units (Accumulated Monthly)												
40	29	70	227	531	1112	1991	3054	4058	4785	5145	5272	5300
45	8	22	102	290	722	1451	2359	3208	3786	4021	4086	4094
50	2	5	36	135	430	1009	1762	2456	2890	3024	3050	3051
55	0	1	9	48	228	659	1257	1797	2095	2157	2163	2163
60	0	0	2	13	105	395	839	1226	1405	1426	1427	1427
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	46	104	252	475	842	1393	2073	2717	3174	3432	3552	3595

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