

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 3401 ft. Lat: 38.0517° N Lon: 102.1317° W
Station: HOLLY, CO US USC00054076

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	45.7	15.3	30.5	5.4	3.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	759.5	821.4	914.4	1069.5	0.0	0.0	13.2	5.7	31.0	2.1
02	49.7	18.1	33.9	6.7	3.7	4.7	0.5	0.1	0.0	0.0	0.0	0.0	591.0	646.6	730.5	870.7	0.0	0.0	15.1	3.9	27.3	0.8
03	60.2	26.3	43.2	4.3	3.1	3.1	11.9	6.5	1.9	0.0	0.0	0.0	376.3	432.9	521.3	674.3	0.0	0.0	23.8	1.1	24.5	0.2
04	68.3	34.3	51.3	3.8	2.7	2.9	62.6	42.5	20.8	4.4	0.6	0.3	173.5	213.4	281.6	415.3	0.0	0.8	26.6	0.2	11.8	0.0
05	77.9	45.8	61.8	3.8	2.4	2.8	250.3	203.6	141.7	62.7	20.3	11.7	38.0	53.3	84.3	160.3	0.5	4.5	30.6	0.0	1.3	0.0
06	89.1	56.2	72.7	3.5	2.5	2.7	530.2	471.4	384.4	246.4	130.0	93.2	0.8	2.1	5.1	17.0	3.0	15.8	30.0	0.0	0.0	0.0
07	93.4	62.7	78.1	3.0	1.8	2.2	714.3	652.2	559.3	405.7	256.4	199.4	0.0	0.0	0.1	1.3	6.8	22.0	31.0	0.0	0.0	0.0
08	90.6	60.9	75.7	3.3	2.0	2.5	643.1	581.1	488.3	335.9	193.2	142.2	0.0	0.1	0.3	2.7	3.7	18.1	31.0	0.0	0.0	0.0
09	83.1	51.0	67.1	3.4	2.9	3.0	372.3	318.0	241.7	133.3	55.4	34.4	11.0	16.8	30.4	71.9	0.7	9.8	29.7	0.0	0.2	0.0
10	70.5	36.9	53.7	4.1	2.6	2.9	95.8	69.2	38.7	10.5	2.2	1.0	136.1	171.5	233.9	360.8	0.0	1.8	29.0	0.4	8.9	0.0
11	57.0	24.2	40.6	5.5	3.1	3.8	7.8	4.2	1.5	0.3	0.0	0.0	439.8	496.2	583.4	732.2	0.0	0.0	20.3	1.5	25.6	0.2
12	46.2	15.2	30.7	4.3	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	752.9	814.8	907.8	1063.1	0.0	0.0	13.5	4.9	30.7	1.2
Summary	69.3	37.2	53.3	4.3	2.8	3.1	2689	2349	1878	1199	658	482	3279	3669	4293	5439	14.7	72.8	293.8	17.7	161.3	4.5

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	0.39	2.3	1.0	0.2	0.1	0.05	0.26	0.68
02	0.34	2.7	1.2	0.1	0.0	0.07	0.29	0.42
03	0.88	4.2	2.3	0.5	0.1	0.31	0.69	1.28
04	1.45	5.8	3.9	1.0	0.2	0.68	1.25	1.76
05	2.16	8.0	4.9	1.4	0.5	1.01	1.73	3.14
06	2.51	7.7	5.2	2.0	0.6	1.31	2.27	3.24
07	2.99	8.0	5.4	2.4	0.7	2.09	2.77	3.51
08	2.89	6.9	4.7	2.0	1.1	1.67	2.74	3.83
09	1.18	4.5	2.8	0.7	0.2	0.55	0.86	1.83
10	1.33	4.0	2.7	0.8	0.2	0.17	1.06	2.27
11	0.61	2.9	1.6	0.2	0.1	0.03	0.24	0.73
12	0.52	2.5	1.2	0.2	0.1	0.10	0.29	0.57
Summary	17.25	59.5	36.9	11.5	3.9	8.04	14.45	23.26

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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	4.20	2.0	1.6	0.5	0.2	0.1	5.0	3.2	2.3	1.5	1.00	1.80	5.50
02	3.40	1.8	1.3	0.5	0.2	0.0	4.7	2.5	1.6	1.1	0.00	1.00	4.00
03	4.70	1.6	1.4	0.7	0.3	0.0	1.6	0.7	0.1	0.0	0.00	1.20	7.70
04	1.40	0.6	0.6	0.2	0.2	0.0	0.3	0.1	0.0	0.0	0.00	0.00	1.20
05	0.70	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	1.00	0.3	0.3	0.1	0.0	0.0	0.5	0.2	0.2	0.1	0.00	0.00	0.00
11	3.20	1.2	0.8	0.3	0.2	0.1	1.4	0.7	0.4	0.2	0.00	0.40	2.60
12	2.90	1.6	1.2	0.4	0.1	0.0	4.8	1.8	0.4	0.0	0.50	1.00	4.30
Summary	21.5	9.2	7.2	2.7	1.2	0.2	18.3	9.2	5.0	2.9	1.5	5.4	25.3

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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	19.3	46.7	185.1	358.7	677.8	979.4	1179.4	1108.2	811.6	440.6	130.2	19.1
45	3.7	16.3	98.3	235.7	525.6	829.4	1024.4	953.2	662.6	303.2	65.0	4.1
50	0.5	4.1	40.5	134.7	381.9	679.5	869.3	798.1	515.5	185.0	26.3	0.6
55	0.0	0.5	11.9	62.6	250.3	530.2	714.3	643.1	372.3	95.8	7.8	0.0
60	0.0	0.0	1.9	20.8	141.7	384.4	559.3	488.3	241.7	38.7	1.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	57.0	84.1	195.0	280.4	433.3	605.3	742.4	704.3	510.6	324.8	149.9	55.6

Growing Degree Units (Accumulated Monthly)												
40	19	66	251	610	1288	2267	3446	4555	5366	5807	5937	5956
45	4	20	118	354	880	1709	2733	3687	4349	4652	4717	4722
50	0	5	45	180	562	1241	2110	2909	3424	3609	3635	3636
55	0	0	12	75	325	856	1570	2213	2585	2681	2689	2689
60	0	0	2	23	164	549	1108	1596	1838	1877	1878	1878
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	57	141	336	616	1050	1655	2398	3102	3612	3937	4087	4143

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