

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6467 ft. Lat: 40.4925° N Lon: 107.2547° W
Station: HAYDEN, CO US USC00053867

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	30.1	8.1	19.1	4.1	4.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1112.8	1174.8	1267.8	1422.9	0.0	0.0	0.1	18.4	30.8	7.0
02	35.0	12.1	23.5	3.9	4.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	880.5	936.5	1020.5	1160.6	0.0	0.0	0.9	10.0	27.8	4.0
03	47.2	21.2	34.2	4.7	2.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	644.9	706.9	799.9	954.8	0.0	0.0	11.8	1.8	29.1	0.6
04	58.2	28.8	43.5	3.8	1.9	2.7	3.2	1.2	0.1	0.0	0.0	0.0	348.2	406.2	495.1	645.0	0.0	0.0	23.5	0.2	20.5	0.0
05	68.5	36.4	52.5	3.7	1.6	2.4	48.0	27.4	9.8	1.0	0.0	0.0	127.1	168.4	243.9	390.1	0.0	0.1	30.1	0.0	6.5	0.0
06	79.4	43.0	61.2	3.7	1.7	2.5	202.6	153.4	91.1	23.7	2.0	0.5	16.6	27.4	55.2	137.7	0.0	1.6	30.0	0.0	0.8	0.0
07	85.8	49.8	67.8	2.6	2.4	2.3	397.1	335.5	244.3	106.6	20.4	6.6	0.4	0.8	2.6	19.9	0.0	7.6	31.0	0.0	0.0	0.0
08	83.5	48.6	66.0	2.2	1.8	1.8	343.3	282.7	194.6	68.2	9.4	2.7	0.9	2.2	7.1	35.7	0.0	3.0	31.0	0.0	0.1	0.0
09	75.3	40.4	57.9	2.2	2.1	1.7	127.9	87.8	41.5	6.0	0.1	0.0	42.5	62.4	106.0	220.5	0.0	0.4	29.7	0.0	3.2	0.0
10	61.6	29.7	45.7	3.7	3.1	2.9	8.1	3.1	0.6	0.0	0.0	0.0	297.9	355.0	445.5	599.8	0.0	0.0	26.4	0.5	18.6	0.1
11	45.4	19.7	32.5	5.4	3.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	673.5	733.5	823.5	973.5	0.0	0.0	11.8	4.5	28.4	1.1
12	31.3	9.5	20.4	3.4	3.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1072.4	1134.4	1227.4	1382.5	0.0	0.0	0.6	16.5	30.9	6.2
Summary	58.4	28.9	43.7	3.6	2.8	3.0	1130	891	582	206	32	10	5218	5708	6494	7943	0.0	12.7	226.9	51.9	196.7	19.0

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	1.80	12.0	6.5	0.5	0.0	1.04	1.75	2.40	
02	1.44	10.7	5.2	0.3	0.0	1.00	1.45	1.89	
03	1.38	9.8	5.1	0.3	0.0	0.95	1.41	1.71	
04	2.15	11.4	6.7	0.8	0.1	1.51	1.82	2.92	
05	1.83	11.0	5.8	0.7	0.0	1.31	1.65	2.28	
06	1.06	7.0	3.1	0.4	0.1	0.48	0.81	1.34	
07	1.09	8.2	3.2	0.5	0.0	0.48	0.83	1.55	
08	1.27	8.7	4.0	0.3	0.0	0.66	1.16	1.65	
09	1.67	9.0	4.6	0.7	0.2	1.02	1.42	1.73	
10	1.57	8.4	4.7	0.8	0.0	0.94	1.50	1.99	
11	1.49	9.1	5.0	0.4	0.0	1.01	1.42	1.91	
12	1.66	11.0	5.7	0.5	0.0	1.04	1.55	2.03	
Summary	18.41	116.3	59.6	6.2	0.4	11.44	16.77	23.40	

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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	26.30	11.7	9.2	3.1	1.2	0.2	30.9	30.5	29.5	26.0	14.80	22.20	35.50
02	17.90	9.4	6.8	2.3	0.6	0.0	28.5	28.5	27.9	24.3	12.50	17.80	22.20
03	12.60	6.9	4.9	1.6	0.5	0.0	19.7	18.5	17.6	14.5	7.50	11.00	17.00
04	10.00	4.7	3.6	1.2	0.5	0.1	2.7	2.0	1.5	1.0	4.40	7.70	12.60
05	1.40	1.0	0.6	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.00	0.50	1.60
06	0.10	0.2	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	5.00	2.4	1.7	0.6	0.3	0.0	2.0	1.0	0.4	0.0	1.00	3.70	6.50
11	15.70	7.2	5.3	2.0	0.7	0.1	13.0	7.3	4.5	0.6	9.50	15.00	21.10
12	23.80	10.9	8.1	3.0	1.1	0.1	28.4	26.2	22.0	9.9	17.50	22.70	27.30
Summary	113.0	54.5	40.2	13.9	5.0	0.5	125.3	114.1	103.4	76.3	67.2	100.6	143.8

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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	0.0	0.6	33.5	155.9	390.4	636.0	861.6	807.5	536.6	217.6	34.0	0.5
45	0.0	0.0	9.7	69.3	249.6	486.3	706.6	652.5	390.0	109.6	8.3	0.0
50	0.0	0.0	1.3	20.8	130.0	339.2	551.7	497.5	250.5	38.9	1.0	0.0
55	0.0	0.0	0.0	3.2	48.0	202.6	397.1	343.3	127.9	8.1	0.0	0.0
60	0.0	0.0	0.0	0.1	9.8	91.1	244.3	194.6	41.5	0.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.2	43.6	145.1	288.9	437.2	552.9	523.8	381.0	198.4	48.6	1.6

Growing Degree Units (Accumulated Monthly)												
40	0	1	34	190	580	1216	2078	2886	3422	3640	3674	3674
45	0	0	10	79	329	815	1522	2174	2564	2674	2682	2682
50	0	0	1	22	152	491	1043	1540	1791	1830	1831	1831
55	0	0	0	3	51	254	651	994	1122	1130	1130	1130
60	0	0	0	0	10	101	345	540	581	582	582	582
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	45	190	479	916	1469	1993	2374	2572	2621	2622

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