

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6820 ft. Lat: 37.8736° N Lon: 109.3075° W
Station: MONTICELLO 2E, UT US USC00425805
Generated on 04/23/2024

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	36.3	15.2	25.7	4.4	4.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	906.6	968.6	1061.7	1216.7	0.0	0.0	1.3	10.3	30.3	2.7
02	40.5	19.6	30.1	4.6	3.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	698.5	754.5	838.5	978.5	0.0	0.0	2.8	4.0	26.9	0.8
03	50.4	25.6	38.0	3.5	2.8	2.7	0.1	0.0	0.0	0.0	0.0	0.0	527.1	589.0	682.0	837.0	0.0	0.0	16.8	0.9	26.3	0.3
04	59.0	31.3	45.1	3.3	2.2	2.5	5.1	1.8	0.2	0.0	0.0	0.0	300.5	357.2	445.6	595.5	0.0	0.0	24.6	0.1	19.0	0.0
05	69.1	38.8	54.0	3.8	2.1	2.7	69.1	43.7	19.8	3.8	0.4	0.1	101.6	138.2	207.4	346.3	0.0	0.1	30.4	0.0	5.7	0.0
06	80.8	46.9	63.8	3.6	2.4	2.9	274.0	220.7	147.0	53.7	8.9	3.3	8.6	15.3	31.5	88.2	0.0	1.2	30.0	0.0	0.6	0.0
07	85.3	53.6	69.5	2.2	2.2	1.9	447.8	385.9	293.3	146.9	40.7	18.5	0.1	0.2	0.5	9.0	0.0	5.7	31.0	0.0	0.0	0.0
08	82.1	52.9	67.5	2.5	1.9	2.0	387.5	325.9	234.6	96.7	17.2	6.6	0.1	0.6	2.2	19.2	0.0	1.1	31.0	0.0	0.0	0.0
09	75.0	44.7	59.8	2.8	2.1	2.0	170.7	124.6	68.1	13.6	0.9	0.2	25.4	39.2	72.7	168.1	0.0	0.0	30.0	0.0	1.3	0.0
10	61.5	33.7	47.6	3.5	2.7	2.6	10.9	4.1	0.7	0.0	0.0	0.0	240.2	295.4	385.0	539.4	0.0	0.0	27.2	0.2	13.7	0.0
11	48.1	23.7	35.9	5.1	2.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	573.1	633.0	723.0	873.0	0.0	0.0	12.7	2.4	26.3	0.1
12	36.0	16.2	26.1	3.6	3.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	895.7	957.7	1050.8	1205.9	0.0	0.0	1.5	10.2	30.0	1.8
Summary	60.3	33.5	46.9	3.6	2.7	2.8	1365	1107	764	315	68	29	4277	4749	5501	6877	0.0	8.1	239.3	28.1	180.1	5.7

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	1.57	6.3	3.6	1.0	0.4	0.53	0.93	2.09	
02	1.48	6.4	3.6	1.0	0.2	0.57	1.04	2.13	
03	1.09	5.8	2.9	0.5	0.0	0.26	1.03	1.74	
04	0.88	5.5	2.6	0.5	0.1	0.10	0.51	1.35	
05	0.89	5.4	3.1	0.4	0.1	0.35	0.61	1.22	
06	0.51	4.1	1.5	0.3	0.1	0.08	0.24	0.58	
07	1.36	7.5	3.1	0.6	0.2	0.82	1.32	1.89	
08	1.80	9.9	4.9	1.0	0.1	1.14	1.75	2.32	
09	1.67	7.7	4.6	0.8	0.2	0.76	1.86	2.36	
10	1.32	6.6	3.8	1.0	0.3	0.58	1.07	1.94	
11	1.19	5.3	2.6	0.6	0.2	0.66	1.06	1.77	
12	1.34	5.7	2.8	0.5	0.2	0.49	1.30	1.74	
Summary	15.10	76.2	39.1	8.2	2.1	6.34	12.72	21.13	

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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	13.40	5.5	4.8	2.2	1.2	0.3	18.8	14.2	9.4	5.7	6.00	13.50	15.20
02	13.50	4.7	4.2	2.0	0.9	0.1	12.7	8.9	6.2	4.1	4.50	11.90	22.50
03	7.40	3.5	3.2	1.0	0.4	0.0	7.6	5.6	4.3	2.3	0.40	4.50	9.90
04	6.10	2.4	2.3	0.7	0.3	0.0	0.7	0.2	0.2	0.0	1.00	3.40	9.50
05	1.10	0.5	0.4	0.3	0.1	0.0	0.1	0.1	0.1	0.0	0.00	0.00	0.50
06	0.10	0.1	0.1	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	0.10	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	1.30	0.8	0.5	0.2	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.90
11	7.30	2.4	1.9	1.1	0.4	0.1	4.1	2.3	0.9	0.2	1.40	4.00	14.30
12	13.90	4.6	4.0	1.6	0.7	0.2	13.9	8.5	6.0	3.7	4.20	9.70	13.50
Summary	64.2	24.5	21.4	9.1	4.0	0.7	58.1	39.9	27.2	16.0	17.5	47.0	86.3

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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	1.3	6.2	61.4	186.6	435.5	715.4	912.8	852.4	595.7	256.1	44.6	1.4
45	0.0	0.6	15.8	89.7	290.9	565.6	757.7	697.4	447.6	135.3	11.1	0.0
50	0.0	0.0	2.2	29.3	164.7	417.3	602.8	542.4	304.2	51.5	1.3	0.0
55	0.0	0.0	0.1	5.1	69.1	274.0	447.8	387.5	170.7	10.9	0.0	0.0
60	0.0	0.0	0.0	0.2	19.8	147.0	293.3	234.6	68.1	0.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.2	6.4	60.1	149.3	298.7	469.8	590.1	548.3	384.6	188.0	48.7	1.7

Growing Degree Units (Accumulated Monthly)												
40	1	8	69	256	691	1406	2319	3172	3767	4023	4068	4069
45	0	1	16	106	397	963	1720	2418	2865	3001	3012	3012
50	0	0	2	32	196	614	1216	1759	2063	2114	2116	2116
55	0	0	0	5	74	348	796	1184	1354	1365	1365	1365
60	0	0	0	0	20	167	460	695	763	764	764	764
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	8	68	217	516	986	1576	2124	2508	2696	2745	2747

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

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