

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4038 ft. Lat: 37.2092° N Lon: 112.9814° W
Station: ZION NP, UT US USC00429717
Generated on 06/03/2024

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	53.8	30.4	42.1	3.7	3.3	2.8	0.8	0.1	0.0	0.0	0.0	0.0	400.7	462.0	554.9	709.9	0.0	0.0	23.0	0.1	17.9	0.0
02	57.6	33.6	45.6	4.7	3.9	3.8	7.1	2.9	0.5	0.0	0.0	0.0	270.3	322.0	403.6	543.2	0.0	0.0	23.4	0.0	12.1	0.0
03	66.1	38.7	52.4	4.2	2.6	3.1	61.0	39.3	17.7	2.8	0.1	0.0	141.7	181.9	253.4	393.4	0.0	0.1	29.8	0.0	7.4	0.0
04	73.1	43.8	58.4	3.7	2.6	3.0	159.1	120.3	72.8	23.7	4.0	1.5	55.5	76.7	119.2	220.2	0.0	1.0	29.8	0.0	2.7	0.0
05	83.5	52.5	68.0	4.4	3.4	3.7	412.4	356.0	275.8	160.0	74.7	50.7	9.3	14.9	27.8	67.0	0.9	9.5	31.0	0.0	0.2	0.0
06	95.3	62.2	78.8	3.8	3.1	3.3	712.7	653.0	564.1	417.2	277.4	225.4	0.3	0.6	1.6	4.8	11.6	25.3	30.0	0.0	0.0	0.0
07	100.3	69.5	84.9	2.3	1.7	1.9	926.8	864.7	771.8	616.8	462.0	400.3	0.0	0.0	0.0	0.0	20.4	30.1	31.0	0.0	0.0	0.0
08	98.0	68.7	83.3	2.2	1.8	1.8	878.8	816.7	723.8	568.8	414.1	352.4	0.0	0.0	0.0	0.0	14.8	29.5	31.0	0.0	0.0	0.0
09	90.7	61.3	76.0	2.9	2.0	2.1	630.3	570.8	482.3	338.8	204.0	156.0	0.4	0.9	2.4	8.8	2.7	19.8	30.0	0.0	0.0	0.0
10	78.1	48.8	63.4	3.9	3.2	3.1	287.8	238.0	169.7	79.1	25.8	15.2	25.8	37.9	62.7	127.1	0.0	3.9	30.9	0.0	1.5	0.0
11	63.9	37.3	50.6	4.7	3.7	4.1	53.9	37.4	19.0	3.9	0.2	0.0	185.8	229.3	301.0	435.9	0.0	0.0	27.9	0.0	9.3	0.0
12	52.5	29.3	40.9	3.0	3.2	2.5	1.0	0.3	0.1	0.0	0.0	0.0	438.0	499.2	592.0	747.0	0.0	0.0	21.4	0.1	20.1	0.0
Summary	76.1	48.0	62.0	3.6	2.9	2.9	4132	3700	3098	2211	1462	1202	1528	1825	2319	3257	50.4	119.2	339.2	0.2	71.2	0.0

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	1.99	7.1	4.5	1.4	0.3	0.53	1.32	2.55
02	2.06	7.9	5.0	1.4	0.3	0.82	1.86	3.20
03	2.01	7.4	4.7	1.2	0.2	1.04	1.63	2.38
04	1.22	5.7	3.3	0.8	0.1	0.42	1.12	1.76
05	0.77	4.5	2.4	0.3	0.0	0.31	0.52	0.78
06	0.23	2.0	0.9	0.1	0.0	0.00	0.10	0.38
07	1.15	4.8	2.7	0.5	0.2	0.38	0.86	1.66
08	1.63	6.0	3.4	0.8	0.2	0.54	1.15	2.46
09	1.17	4.4	2.2	0.5	0.3	0.11	0.74	1.61
10	1.22	4.8	2.8	0.7	0.2	0.12	0.97	1.85
11	1.18	4.4	2.6	0.8	0.1	0.49	1.00	1.73
12	1.64	6.5	4.0	1.0	0.1	0.59	1.19	2.13
Summary	16.27	65.5	38.5	9.5	2.0	5.35	12.46	22.49

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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	0.70	0.5	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	1.10
02	0.80	0.5	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.50
03	0.70	0.3	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
04	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
05	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
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	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
11	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	1.70	0.6	0.5	0.3	0.1	0.0	0.9	0.3	0.2	0.0	0.00	0.00	1.50
Summary	4.0	2.0	1.4	0.6	0.1	0.0	1.7	0.4	0.2	0.0	0.0	0.0	3.1

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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	119.7	183.2	389.1	554.0	868.0	1162.4	1391.8	1343.8	1079.9	727.5	334.0	103.9
45	44.2	90.0	251.4	408.3	713.2	1012.4	1236.8	1188.8	929.9	574.5	212.0	37.4
50	9.8	32.4	140.0	273.8	560.1	862.4	1081.7	1033.7	779.9	425.8	115.9	8.8
55	0.8	7.1	61.0	159.1	412.4	712.7	926.8	878.8	630.3	287.8	53.9	1.0
60	0.0	0.5	17.7	72.8	275.8	564.1	771.8	723.8	482.3	169.7	19.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	85.5	119.4	253.8	357.1	550.9	718.5	859.4	846.3	694.4	466.6	216.8	71.2

Growing Degree Units (Accumulated Monthly)												
40	120	303	692	1246	2114	3276	4668	6012	7092	7819	8153	8257
45	44	134	386	794	1507	2520	3756	4945	5875	6450	6662	6699
50	10	42	182	456	1016	1878	2960	3994	4774	5200	5315	5324
55	1	8	69	228	640	1353	2280	3159	3789	4077	4131	4132
60	0	0	18	91	367	931	1703	2426	2909	3078	3098	3098
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	86	205	459	816	1367	2085	2945	3791	4485	4952	5169	5240

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