

Summary of Monthly Normals
1981-2010
Generated on 02/28/2018

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	54.2	30.3	42.3	3.6	3.6	3.1	2	-7777	0	0	0	0	397	458	550	705	0.0	0.0	21.7	-7777	17.1	0.0
02	58.3	33.5	45.9	4.0	3.4	3.2	9	4	1	-7777	0	0	264	315	396	535	0.0	0.0	22.8	0.2	11.3	0.0
03	66.2	38.3	52.3	4.3	2.8	3.3	63	41	19	3	-7777	-7777	148	188	259	398	0.0	-7777	29.7	0.0	7.1	0.0
04	74.3	43.9	59.1	4.4	2.9	3.5	176	136	86	31	7	3	53	73	113	208	0.0	1.0	29.8	0.0	2.2	0.0
05	85.2	52.7	68.9	3.6	2.9	3.0	438	380	297	175	81	55	5	9	20	52	0.8	9.9	31.0	0.0	0.1	0.0
06	95.7	62.0	78.8	3.3	2.4	2.8	716	656	567	420	279	227	-7777	-7777	1	4	8.9	24.3	30.0	0.0	0.0	0.0
07	101.0	69.0	85.0	2.5	2.1	2.2	930	868	775	620	465	403	0	0	0	0	18.6	29.9	31.0	0.0	0.0	0.0
08	98.3	67.7	83.0	1.9	2.0	1.8	868	806	713	558	403	342	0	0	0	-7777	12.0	28.8	31.0	0.0	0.0	0.0
09	91.0	60.3	75.6	3.0	2.4	2.4	620	561	473	329	196	148	1	1	3	10	2.1	18.4	30.0	0.0	0.0	0.0
10	78.3	48.8	63.6	4.2	3.2	3.5	293	243	175	82	28	17	27	40	65	127	0.0	3.3	30.9	0.0	1.2	0.0
11	63.5	37.0	50.3	4.4	3.2	3.6	49	33	16	3	-7777	-7777	192	236	309	446	0.0	0.0	27.3	0.0	9.2	0.0
12	53.3	29.5	41.4	3.2	3.0	2.7	1	-7777	-7777	0	0	0	422	484	576	731	0.0	0.0	21.6	0.2	18.5	-7777
Summary	76.6	47.8	62.2	3.5	2.8	2.9	4165	3728	3122	2221	1459	1195	1509	1804	2292	3216	42.4	115.6	336.8	0.4	66.7	0.0

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 4038 ft. Lat: 37.2091° N Lon: -112.9814° W
Station: **ZION NATIONAL PARK, UT US USC00429717**

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	1.82	6.5	4.4	1.1	0.2	0.49	1.31	2.10
02	1.98	7.8	5.0	1.2	0.2	0.79	1.66	3.19
03	2.04	7.8	5.0	1.3	0.2	0.71	1.63	3.18
04	1.31	6.1	3.3	0.8	0.1	0.30	1.44	1.85
05	0.67	4.4	2.1	0.3	0.0	0.25	0.57	0.92
06	0.31	2.7	1.0	0.1	0.0	0.05	0.24	0.48
07	1.22	5.1	2.8	0.6	0.3	0.49	1.13	1.81
08	1.45	6.6	3.6	0.8	0.2	0.80	1.46	2.09
09	1.04	4.7	2.2	0.5	0.2	0.13	0.77	1.26
10	1.30	5.1	3.0	0.7	0.1	0.55	1.09	1.85
11	1.42	4.8	3.3	1.0	0.1	0.77	1.10	2.08
12	1.63	6.4	3.8	0.9	0.2	0.58	1.14	2.36
Summary	16.19	68.0	39.5	9.3	1.8	5.91	13.54	23.17

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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	0.9	0.6	0.5	0.2	0.1	0.0	0.3	-7777	-7777	0.0	0.0	0.0	1.5
02	1.0	0.5	0.3	0.1	-7777	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.6
03	0.7	0.4	0.3	0.1	-7777	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
04	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.5	0.3	0.2	0.1	0.0	0.0	0.2	-7777	0.0	0.0	0.0	0.0	0.0
12	1.0	0.6	0.5	0.2	0.1	0.0	0.4	-7777	0.0	0.0	0.0	0.0	1.0
Summary	4.2	2.5	1.9	0.7	0.2	0.0	1.3	0.1	0.0	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
40	126	190	386	574	897	1165	1395	1333	1069	730	323	111
45	51	97	249	428	743	1015	1240	1178	919	578	204	40
50	14	38	140	293	588	865	1085	1023	769	430	110	10
55	2	9	63	176	438	716	930	868	620	293	49	1
60	0	1	19	86	297	567	775	713	473	175	16	-7777
Growing Degree Units for Corn (Monthly)												
50/86	89	127	255	373	571	716	852	831	681	467	210	78

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	126	316	702	1276	2173	3338	4733	6066	7135	7865	8188	8299
45	51	148	397	825	1568	2583	3823	5001	5920	6498	6702	6742
50	14	52	192	485	1073	1938	3023	4046	4815	5245	5355	5365
55	2	11	74	250	688	1404	2334	3202	3822	4115	4164	4165
60	0	1	20	106	403	970	1745	2458	2931	3106	3122	3122
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	89	216	471	844	1415	2131	2983	3814	4495	4962	5172	5250

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