

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	43.1	21.4	32.3	5.7	6.0	5.6	-7777	0	0	0	0	0	705	767	860	1015	0.0	0.0	7.0	3.4	28.2	0.1
02	50.7	27.9	39.3	4.5	3.8	3.9	1	-7777	-7777	0	0	0	440	496	580	720	0.0	0.0	15.3	0.5	20.3	0.1
03	62.2	36.3	49.3	3.7	2.7	2.8	27	16	6	1	-7777	0	205	256	340	489	0.0	0.0	28.1	0.0	7.8	0.0
04	70.7	43.5	57.1	3.8	2.7	3.1	132	98	59	20	4	2	69	95	146	257	0.0	0.3	29.6	0.0	1.4	0.0
05	81.5	52.4	67.0	3.0	2.0	2.3	378	322	243	134	55	33	7	13	28	74	0.3	5.7	31.0	0.0	0.1	0.0
06	92.7	62.1	77.4	3.3	2.3	2.6	672	612	523	378	242	193	-7777	-7777	1	6	5.2	20.3	30.0	0.0	0.0	0.0
07	99.3	69.1	84.2	2.9	2.1	2.2	905	843	750	595	441	379	0	0	0	0	15.6	28.7	31.0	0.0	0.0	0.0
08	96.3	67.5	81.9	2.2	2.2	1.9	834	772	679	524	370	310	0	-7777	-7777	-7777	8.8	27.0	31.0	0.0	0.0	0.0
09	87.2	57.3	72.2	3.0	2.0	2.0	519	461	375	242	128	92	2	3	8	25	0.5	12.5	30.0	0.0	0.1	0.0
10	72.9	43.8	58.4	3.7	2.0	2.4	157	118	71	23	5	2	53	76	122	229	0.0	0.4	30.5	0.0	1.6	0.0
11	56.7	32.3	44.5	3.6	2.0	2.3	8	4	1	-7777	-7777	0	323	379	466	615	0.0	0.0	22.4	-7777	15.1	0.0
12	43.9	23.5	33.7	3.6	3.3	3.1	-7777	0	0	0	0	0	660	722	815	970	0.0	0.0	6.0	1.7	27.8	0.2
Summary	71.4	44.8	58.1	3.6	2.8	2.8	3633	3246	2707	1917	1245	1011	2464	2807	3366	4400	30.4	94.9	291.9	5.6	102.4	0.4

-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: 4093 ft. Lat: 38.6163° N Lon: -109.6191° W  
Station: **ARCHES NATIONAL PARK HQS, UT US USC00420336**

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

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	0.52	4.0	2.0	0.2	0.0	0.26	0.44	0.74
02	0.50	4.4	1.7	0.1	0.0	0.20	0.39	0.74
03	0.79	6.1	2.5	0.3	-7777	0.36	0.73	1.22
04	0.75	5.3	2.3	0.3	0.0	0.24	0.48	1.30
05	0.68	4.7	2.0	0.2	-7777	0.20	0.43	1.04
06	0.44	3.1	1.5	0.1	0.0	0.16	0.28	0.48
07	0.83	5.2	2.2	0.4	0.1	0.23	0.65	1.47
08	0.96	6.6	2.8	0.3	0.1	0.36	0.88	1.43
09	0.84	5.2	2.5	0.4	-7777	0.30	0.68	1.19
10	1.24	5.5	3.0	1.0	0.1	0.39	0.90	1.67
11	0.63	4.5	1.8	0.3	0.0	0.28	0.53	0.90
12	0.62	3.8	2.0	0.1	0.0	0.30	0.60	0.88
Summary	8.80	58.4	26.3	3.7	0.3	3.28	6.99	13.06

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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	2.2	1.3	1.0	0.2	0.0	0.0	7.9	3.9	2.0	0.1	0.0	1.0	2.7
02	0.7	0.8	0.4	0.1	-7777	0.0	2.8	1.5	0.4	0.0	0.0	0.0	0.6
03	0.7	0.4	0.3	0.1	0.0	0.0	0.3	-7777	0.0	0.0	0.0	0.0	1.5
04	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
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	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.7	0.4	0.3	0.1	0.0	0.0	0.4	-7777	0.0	0.0	0.0	0.0	0.5
12	2.1	1.4	1.0	0.3	0.1	0.0	3.4	1.3	0.5	0.0	0.0	0.8	3.0
Summary	6.4	4.3	3.0	0.8	0.1	0.0	14.8	6.7	2.9	0.1	0.0	1.8	8.3

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

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	70	295	514	835	1122	1370	1299	967	570	170	16
45	3	24	169	369	681	972	1215	1144	817	419	84	4
50	-7777	6	79	238	527	822	1060	989	668	279	31	1
55	-7777	1	27	132	378	672	905	834	519	157	8	-7777
60	0	-7777	6	59	243	523	750	679	375	71	1	0
Growing Degree Units for Corn (Monthly)												
50/86	13	54	196	323	527	706	852	826	619	364	119	12

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	85	380	894	1729	2851	4221	5520	6487	7057	7227	7243
45	3	27	196	565	1246	2218	3433	4577	5394	5813	5897	5901
50	0	6	85	323	850	1672	2732	3721	4389	4668	4699	4700
55	0	1	28	160	538	1210	2115	2949	3468	3625	3633	3633
60	0	0	6	65	308	831	1581	2260	2635	2706	2707	2707
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	67	263	586	1113	1819	2671	3497	4116	4480	4599	4611

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