

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 6606 ft. Lat: 35.9461° N Lon: -112.1547° W
Station: **GRAND CANYON NATIONAL PARK AIRPORT, AZ US**
USW00003195

Summary of Monthly Normals
1981-2010

Generated on 02/28/2018

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

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	42.9	12.4	27.7	4.8	4.7	4.1	0	0	0	0	0	0	848	910	1003	1158	0.0	0.0	7.5	3.1	30.4	4.1
02	46.0	16.4	31.2	3.6	3.8	2.9	0	0	0	0	0	0	666	722	806	946	0.0	0.0	9.1	1.1	27.2	2.2
03	53.0	20.6	36.8	5.0	2.2	2.9	0	0	0	0	0	0	564	626	719	874	0.0	0.0	19.6	0.5	29.9	0.4
04	60.5	24.1	42.3	5.1	2.5	3.4	-7777	-7777	0	0	0	0	381	441	531	681	0.0	0.0	25.5	0.0	27.5	0.0
05	70.4	30.4	50.4	4.0	2.8	3.0	23	12	3	-7777	0	0	165	216	301	453	0.0	0.1	30.4	0.0	19.5	0.0
06	81.6	36.3	59.0	2.7	2.5	2.2	141	97	44	4	-7777	-7777	23	39	76	186	0.0	1.3	29.9	0.0	7.5	0.0
07	84.2	46.8	65.5	2.9	2.6	2.3	326	264	174	51	4	1	-7777	1	4	35	0.0	4.3	31.0	0.0	0.5	0.0
08	81.8	47.1	64.5	2.3	1.9	1.5	293	232	144	33	1	-7777	-7777	1	6	50	0.0	1.3	31.0	0.0	0.3	0.0
09	75.9	38.8	57.4	3.1	2.1	2.2	105	66	26	1	0	0	35	56	105	231	0.0	0.0	30.0	0.0	4.5	0.0
10	64.5	28.4	46.5	3.5	3.0	2.5	5	1	-7777	0	0	0	270	328	420	575	0.0	0.0	28.9	0.0	21.3	0.0
11	52.4	19.3	35.8	4.3	1.6	2.4	0	0	0	0	0	0	575	635	725	875	0.0	0.0	18.4	0.6	28.5	0.6
12	43.8	12.5	28.2	3.4	3.9	2.9	0	0	0	0	0	0	832	894	987	1142	0.0	0.0	7.9	2.8	30.0	3.5
Summary	63.1	27.8	45.4	3.7	2.8	2.7	893	672	391	89	5	1	4359	4869	5683	7206	0.0	7.0	269.2	8.1	227.1	10.8

-7777: a non-zero value that would round to zero
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	1.76							
02	1.19							
03	1.64							
04	0.96							
05	0.49							
06	0.31							
07	1.78							
08	2.37							
09	1.58							
10	1.54							
11	1.04							
12	1.51							
Summary	16.17	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2	6	39	115	327	569	790	758	520	220	32	2
45	-7777	1	8	39	190	419	635	603	372	109	6	-7777
50	0	-7777	1	7	84	273	480	448	230	36	1	0
55	0	0	0	-7777	23	141	326	293	105	5	0	0
60	0	0	0	0	3	44	174	144	26	-7777	0	0
Growing Degree Units for Corn (Monthly)												
50/86	15	25	93	169	316	464	526	499	389	230	79	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2	8	47	162	489	1058	1848	2606	3126	3346	3378	3380
45	0	1	9	48	238	657	1292	1895	2267	2376	2382	2382
50	0	0	1	8	92	365	845	1293	1523	1559	1560	1560
55	0	0	0	0	23	164	490	783	888	893	893	893
60	0	0	0	0	3	47	221	365	391	391	391	391
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	40	133	302	618	1082	1608	2107	2496	2726	2805	2824

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