

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6606 ft. Lat: 35.9461° N Lon: 112.1547° W
Station: **GRAND CANYON NP AP, AZ US USW00003195**
Generated on 04/30/2024

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	43.9	15.8	29.9	4.4	3.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	779.7	841.7	934.7	1089.7	0.0	0.0	10.6	3.0	29.9	3.2
02	46.9	17.2	32.1	4.8	3.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	642.5	698.5	782.5	922.5	0.0	0.0	11.2	2.1	27.3	2.3
03	54.5	22.0	38.2	4.3	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	519.4	581.3	674.3	829.3	0.0	0.0	22.5	0.3	29.8	0.5
04	61.2	25.3	43.2	4.0	2.0	2.6	0.6	0.1	0.0	0.0	0.0	0.0	353.0	412.6	502.5	652.5	0.0	0.0	26.3	0.1	27.1	0.0
05	70.7	31.6	51.1	4.3	2.1	2.7	32.1	17.7	5.9	0.3	0.0	0.0	151.4	199.1	280.2	429.6	0.0	0.2	30.2	0.0	20.0	0.0
06	82.5	38.0	60.3	3.5	2.4	2.6	174.0	126.4	67.0	12.7	1.3	0.3	16.5	28.9	59.6	155.2	0.0	4.7	30.0	0.0	5.7	0.0
07	84.9	49.0	67.0	3.1	3.0	2.7	370.4	308.9	217.6	82.4	11.1	3.0	0.2	0.6	2.3	22.1	0.0	8.5	31.0	0.0	0.3	0.0
08	82.8	49.4	66.1	2.7	1.2	1.5	344.1	282.5	191.7	61.9	5.4	0.8	0.2	0.5	2.7	27.9	0.0	3.0	31.0	0.0	0.1	0.0
09	76.9	40.4	58.6	2.5	2.2	1.7	136.4	92.5	42.2	4.2	0.1	0.0	26.9	43.1	82.7	194.8	0.0	0.2	30.0	0.0	4.4	0.0
10	65.6	30.0	47.8	3.7	3.3	2.6	9.2	3.0	0.3	0.0	0.0	0.0	232.3	288.2	378.5	533.2	0.0	0.0	29.1	0.0	22.5	0.0
11	53.8	20.8	37.3	4.5	2.0	2.7	0.2	0.0	0.0	0.0	0.0	0.0	531.2	591.0	681.0	831.0	0.0	0.0	20.9	0.7	28.2	0.5
12	44.2	14.1	29.2	3.2	4.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	801.1	863.1	956.2	1111.2	0.0	0.0	10.2	3.5	30.1	3.4
Summary	64.0	29.5	46.7	3.8	2.7	2.6	1067	831	525	162	18	4	4054	4549	5337	6799	0.0	16.6	283.0	9.7	225.4	9.9

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	1.23	6.2	3.1	0.5	0.1	0.38	0.69	1.82	
02	1.21	6.6	3.3	0.4	0.0	0.61	1.02	1.55	
03	1.20	5.7	3.0	0.4	0.0	0.47	1.06	1.60	
04	0.69	5.1	2.3	0.2	0.0	0.19	0.58	0.98	
05	0.61	3.5	1.9	0.3	0.0	0.04	0.40	0.84	
06	0.40	2.1	1.0	0.1	0.0	0.00	0.31	0.56	
07	1.66	11.2	4.9	1.1	0.1	1.04	1.56	2.31	
08	2.06	11.4	4.7	1.4	0.4	1.13	2.18	2.72	
09	1.37	6.3	3.1	0.8	0.0	0.48	0.99	2.06	
10	1.34	4.9	2.7	1.0	0.2	0.27	0.84	2.15	
11	0.77	3.7	1.8	0.4	0.0	0.14	0.52	1.02	
12	0.82	5.9	2.3	0.3	0.1	0.21	0.59	1.30	
Summary	13.36	72.6	34.1	6.9	0.9	4.96	10.74	18.91	

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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	3.8	9.9	55.1	134.4	350.2	607.5	835.3	809.0	559.5	257.4	51.9	3.4
45	0.3	0.8	11.6	47.9	212.3	458.0	680.3	654.0	410.7	135.2	12.6	0.2
50	0.0	0.0	0.9	8.7	101.3	310.6	525.3	499.0	267.0	48.5	1.5	0.0
55	0.0	0.0	0.0	0.6	32.1	174.0	370.4	344.1	136.4	9.2	0.2	0.0
60	0.0	0.0	0.0	0.0	5.9	67.0	217.6	191.7	42.2	0.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	18.1	35.0	105.8	178.3	321.7	474.4	547.7	524.3	404.5	246.8	94.7	22.9

Growing Degree Units (Accumulated Monthly)												
40	4	14	69	203	553	1161	1996	2805	3365	3622	3674	3677
45	0	1	13	61	273	731	1411	2065	2476	2611	2624	2624
50	0	0	1	10	111	422	947	1446	1713	1761	1763	1763
55	0	0	0	1	33	207	577	921	1058	1067	1067	1067
60	0	0	0	0	6	73	290	482	524	525	525	525
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	18	53	159	337	659	1133	1681	2205	2610	2857	2951	2974

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