

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5760 ft. Lat: 35.0681° N Lon: 109.7689° W
Station: PAINTED DESERT NP, AZ US USC00026190
Generated on 05/23/2024

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	47.6	22.3	35.0	3.7	3.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	621.5	683.5	776.5	931.5	0.0	0.0	16.8	1.2	27.3	0.3
02	52.5	25.3	38.9	4.9	3.0	3.5	0.1	0.0	0.0	0.0	0.0	0.0	450.9	506.8	590.8	730.8	0.0	0.0	19.8	0.7	22.7	0.2
03	60.7	30.1	45.4	3.7	2.0	2.5	5.4	2.0	0.2	0.0	0.0	0.0	303.1	361.7	452.9	607.7	0.0	0.0	28.4	0.1	17.5	0.0
04	68.4	35.0	51.7	3.1	2.7	2.6	33.9	18.0	5.2	0.2	0.0	0.0	132.7	176.9	254.0	399.1	0.0	0.0	29.7	0.0	9.3	0.0
05	77.6	43.6	60.6	3.4	2.1	2.6	202.0	155.6	96.1	31.8	6.8	2.7	28.4	44.0	77.5	168.3	0.0	2.2	31.0	0.0	1.4	0.0
06	88.6	52.9	70.8	2.9	1.7	2.2	472.6	413.0	324.3	185.3	73.2	42.6	0.2	0.6	2.0	12.9	0.8	18.1	30.0	0.0	0.0	0.0
07	91.5	59.6	75.5	2.2	1.5	1.5	636.9	574.9	481.9	327.0	174.7	119.3	0.0	0.0	0.0	0.0	2.7	23.3	31.0	0.0	0.0	0.0
08	88.4	58.3	73.3	2.6	1.3	1.8	568.8	506.8	413.8	259.4	114.6	67.9	0.0	0.0	0.0	0.6	0.3	17.1	31.0	0.0	0.0	0.0
09	82.0	51.3	66.6	1.9	1.8	1.8	351.4	293.5	210.7	92.5	20.7	8.4	2.0	4.1	11.2	43.1	0.1	4.2	30.0	0.0	0.0	0.0
10	70.5	39.9	55.2	3.0	2.8	2.4	87.3	56.2	24.2	2.6	0.0	0.0	81.0	111.9	172.9	306.4	0.0	0.1	30.7	0.1	3.7	0.0
11	58.2	28.1	43.1	4.3	3.2	3.2	3.8	1.8	0.4	0.0	0.0	0.0	359.3	417.2	505.8	655.5	0.0	0.0	26.8	0.1	18.4	0.0
12	46.5	21.5	34.0	4.2	2.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	650.8	712.8	805.8	960.8	0.0	0.0	14.3	1.2	28.0	0.0
Summary	69.4	39.0	54.2	3.3	2.3	2.5	2362	2022	1557	899	390	241	2630	3020	3649	4817	3.9	65.0	319.5	3.4	128.3	0.5

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	0.93	4.3	2.0	0.2	0.0	0.28	0.71	1.25	
02	0.65	4.3	1.9	0.3	0.0	0.29	0.47	0.96	
03	0.70	4.3	1.9	0.4	0.0	0.25	0.46	1.22	
04	0.39	3.1	1.4	0.1	0.0	0.12	0.30	0.61	
05	0.46	3.3	1.3	0.1	0.0	0.05	0.16	0.69	
06	0.26	2.1	1.0	0.1	0.0	0.02	0.11	0.30	
07	1.36	8.0	3.8	0.8	0.2	0.45	1.22	1.83	
08	1.74	8.6	3.9	0.6	0.2	1.13	1.64	2.40	
09	1.12	5.6	3.0	0.8	0.2	0.42	0.97	1.39	
10	0.96	4.8	2.4	0.4	0.1	0.18	0.68	1.51	
11	0.62	4.2	2.1	0.3	0.0	0.10	0.40	1.20	
12	0.76	5.0	2.1	0.5	0.0	0.15	0.69	1.21	
Summary	9.95	57.6	26.8	4.6	0.7	3.44	7.81	14.57	

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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	0.70	0.4	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.30
02	0.10	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.20	0.1	0.1	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	0.30	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.10	0.5	0.3	0.2	0.1	0.0	0.6	0.4	0.1	0.0	0.00	0.00	0.00
Summary	1.6	1.6	1.0	0.3	0.1	0.0	0.9	0.4	0.1	0.0	0.0	0.0	0.3

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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	26.6	65.3	194.2	354.6	638.7	922.1	1101.6	1033.6	799.2	474.3	147.4	24.8
45	3.8	16.8	88.0	217.0	484.6	772.3	946.8	878.7	649.3	325.9	65.7	5.0
50	0.3	1.7	27.0	103.8	335.6	622.4	791.9	723.8	499.6	192.8	20.6	0.4
55	0.0	0.1	5.4	33.9	202.0	472.6	636.9	568.8	351.4	87.3	3.8	0.0
60	0.0	0.0	0.2	5.2	96.1	324.3	481.9	413.8	210.7	24.2	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	32.2	70.8	175.2	277.0	428.6	581.4	700.1	671.2	512.4	324.2	138.5	32.2

Growing Degree Units (Accumulated Monthly)												
40	27	92	286	641	1279	2202	3303	4337	5136	5610	5758	5782
45	4	21	109	326	810	1582	2529	3408	4057	4383	4449	4454
50	0	2	29	133	468	1091	1883	2606	3106	3299	3320	3320
55	0	0	6	39	241	714	1351	1920	2271	2358	2362	2362
60	0	0	0	5	102	426	908	1322	1532	1556	1557	1557
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	32	103	278	555	984	1565	2265	2936	3449	3773	3912	3944

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