

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 2070 ft. Lat: 33.4625° N Lon: 111.4814° W

Station: APACHE JUNCTION 5 NE, AZ US USC00020288

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	66.7	42.8	54.7	3.2	2.3	2.4	71.2	44.0	17.2	1.5	0.0	0.0	78.9	113.8	180.0	319.3	0.0	0.0	30.5	0.0	2.1	0.0
02	70.1	43.9	57.0	4.2	3.0	3.3	105.5	72.8	36.1	7.0	0.4	0.1	49.4	72.7	119.9	230.9	0.0	0.0	27.9	0.0	1.7	0.0
03	77.1	47.6	62.4	3.8	2.8	3.1	245.3	194.3	126.7	47.2	11.3	5.8	17.4	28.4	53.9	129.4	0.0	1.2	31.0	0.0	0.3	0.0
04	84.7	52.6	68.6	2.7	2.4	2.4	412.0	354.6	271.6	149.3	61.6	38.9	2.5	5.1	12.1	39.8	0.5	8.5	30.0	0.0	0.0	0.0
05	93.4	60.4	76.9	3.2	2.9	2.9	679.0	617.1	524.7	373.5	233.0	182.5	0.0	0.2	0.8	4.6	6.0	22.9	31.0	0.0	0.0	0.0
06	103.0	69.1	86.0	2.3	2.5	2.3	931.4	871.4	781.4	631.4	481.8	422.3	0.0	0.0	0.0	0.0	23.0	29.4	30.0	0.0	0.0	0.0
07	105.2	77.0	91.1	1.6	1.8	1.4	1119.0	1057.0	963.9	809.0	654.0	592.0	0.0	0.0	0.0	0.0	28.5	31.0	31.0	0.0	0.0	0.0
08	103.8	76.4	90.1	2.2	1.7	1.8	1088.1	1026.1	933.0	778.1	623.1	561.1	0.0	0.0	0.0	0.0	26.2	30.8	31.0	0.0	0.0	0.0
09	99.2	71.2	85.2	2.0	1.6	1.6	905.9	845.9	755.8	606.0	456.3	397.2	0.0	0.0	0.0	0.1	15.9	28.6	30.0	0.0	0.0	0.0
10	88.4	60.1	74.2	3.3	2.5	2.6	597.4	536.3	446.0	301.3	174.4	131.0	0.6	1.6	4.2	14.5	1.9	15.0	31.0	0.0	0.0	0.0
11	75.6	49.8	62.7	4.0	3.2	3.5	252.8	204.5	141.1	62.5	18.8	10.4	21.8	33.4	60.1	131.5	0.0	0.7	30.0	0.0	0.5	0.0
12	65.6	42.2	53.9	2.7	1.8	1.9	62.6	37.8	14.7	1.7	0.1	0.0	96.5	133.7	203.5	345.6	0.0	0.0	30.7	0.0	3.0	0.0
Summary	86.1	57.8	71.9	2.9	2.4	2.4	6470	5862	5012	3768	2715	2341	267	389	634	1216	102.0	168.1	364.1	0.0	7.6	0.0

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	1.54	4.5	2.9	1.0	0.5	0.13	1.22	2.04	
02	1.65	4.7	3.2	1.2	0.3	0.44	1.38	2.22	
03	1.33	3.6	2.5	0.8	0.3	0.25	1.00	2.25	
04	0.52	1.9	1.1	0.3	0.1	0.03	0.25	0.55	
05	0.26	1.7	0.7	0.2	0.1	0.00	0.06	0.33	
06	0.05	0.8	0.2	0.0	0.0	0.00	0.00	0.07	
07	1.37	4.3	2.5	0.7	0.2	0.38	1.10	1.93	
08	1.50	5.6	3.5	0.9	0.3	0.89	1.39	2.01	
09	1.07	3.5	1.8	0.5	0.1	0.26	0.62	1.45	
10	0.71	2.7	1.6	0.4	0.1	0.01	0.35	0.86	
11	1.01	2.9	1.6	0.5	0.3	0.18	0.69	1.01	
12	1.54	4.2	2.8	1.0	0.4	0.35	1.10	2.60	
Summary	12.55	40.4	24.4	7.5	2.7	2.92	9.16	17.32	

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
03	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
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	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
Summary	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

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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	458.8	476.4	692.8	859.5	1143.9	1381.4	1584.0	1553.1	1355.9	1061.8	681.1	431.7
45	308.6	338.6	538.0	709.5	988.9	1231.4	1429.0	1398.1	1205.9	906.8	531.9	283.7
50	172.9	210.5	386.4	559.8	833.9	1081.4	1274.0	1243.1	1055.9	751.8	386.3	155.2
55	71.2	105.5	245.3	412.0	679.0	931.4	1119.0	1088.1	905.9	597.4	252.8	62.6
60	17.2	36.1	126.7	271.6	524.7	781.4	963.9	933.0	755.8	446.0	141.1	14.7
Growing Degree Units for Corn (Monthly)												
50/86	266.3	289.5	438.0	550.0	709.2	825.7	975.3	967.2	857.2	685.8	425.3	249.1

Growing Degree Units (Accumulated Monthly)												
40	459	935	1628	2488	3631	5013	6597	8150	9506	10568	11249	11680
45	309	647	1185	1895	2884	4115	5544	6942	8148	9055	9587	9870
50	173	383	770	1330	2164	3245	4519	5762	6818	7570	7956	8111
55	71	177	422	834	1513	2444	3563	4652	5557	6155	6408	6470
60	17	53	180	452	976	1758	2722	3655	4410	4856	4998	5012
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	266	556	994	1544	2253	3079	4054	5021	5878	6564	6990	7239

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