

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 794 ft. Lat: 32.9381° N Lon: 112.6811° W
Station: GILA BEND 2SE, AZ US USC00023393

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	71.1	41.3	56.2	2.9	2.7	2.0	88.9	56.4	23.7	3.1	0.2	0.1	51.7	81.2	141.5	275.8	0.0	0.0	31.0	0.0	3.2	0.0
02	74.8	44.3	59.6	4.0	3.0	3.0	145.1	103.7	54.5	12.1	0.9	0.2	17.6	32.2	67.0	164.6	0.0	0.0	28.0	0.0	0.9	0.0
03	81.8	49.3	65.6	3.9	2.6	2.9	329.8	272.3	192.7	85.9	26.3	14.4	2.7	7.2	20.7	68.9	0.2	4.6	31.0	0.0	0.0	0.0
04	89.5	54.7	72.1	2.7	2.2	2.4	513.2	453.7	365.5	227.2	112.1	76.8	0.2	0.7	2.5	14.2	2.5	14.4	30.0	0.0	0.0	0.0
05	97.8	62.7	80.3	3.5	2.7	3.0	782.8	720.8	627.8	473.6	324.1	267.9	0.0	0.0	0.1	0.8	14.1	27.3	31.0	0.0	0.0	0.0
06	107.3	71.7	89.5	2.8	2.5	2.5	1034.9	975.0	884.9	735.0	584.9	525.0	0.0	0.0	0.0	0.0	26.3	29.7	30.0	0.0	0.0	0.0
07	109.2	80.7	95.0	1.7	2.3	1.8	1238.3	1176.4	1083.3	928.4	773.3	711.3	0.0	0.0	0.0	0.0	30.1	31.0	31.0	0.0	0.0	0.0
08	108.6	80.6	94.6	1.7	1.8	1.6	1227.5	1165.5	1072.5	917.5	762.5	700.5	0.0	0.0	0.0	0.0	29.8	30.9	31.0	0.0	0.0	0.0
09	103.7	73.6	88.7	2.3	2.0	1.9	1009.4	949.4	859.4	709.5	559.5	499.6	0.0	0.0	0.0	0.0	24.3	29.8	30.0	0.0	0.0	0.0
10	92.9	60.1	76.5	3.3	2.8	2.7	666.5	604.7	512.6	364.1	226.9	178.1	0.0	0.2	1.1	7.6	6.3	20.9	31.0	0.0	0.0	0.0
11	79.7	47.9	63.8	4.0	2.8	3.2	276.9	225.3	156.3	71.5	24.7	13.9	12.9	21.3	42.2	107.5	0.0	3.4	30.0	0.0	0.7	0.0
12	69.5	40.0	54.8	2.5	2.0	1.8	64.7	38.8	14.5	0.7	0.0	0.0	72.3	108.5	177.1	318.3	0.0	0.0	31.0	0.0	4.6	0.0
Summary	90.5	58.9	74.7	2.9	2.5	2.4	7378	6742	5848	4529	3395	2988	157	251	452	958	133.6	192.0	365.0	0.0	9.4	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	0.76	2.4	1.7	0.5	0.0	0.05	0.53	1.48	
02	0.93	3.1	2.2	0.8	0.2	0.12	0.59	0.89	
03	0.67	2.5	1.6	0.5	0.0	0.05	0.48	1.00	
04	0.26	0.9	0.4	0.1	0.0	0.00	0.05	0.25	
05	0.35	0.5	0.3	0.1	0.1	0.00	0.02	0.47	
06	0.13	0.1	0.1	0.0	0.0	0.00	0.00	0.00	
07	0.59	2.5	1.7	0.3	0.1	0.16	0.33	0.78	
08	0.94	3.9	2.1	0.5	0.1	0.55	0.79	1.48	
09	0.30	1.5	0.9	0.2	0.1	0.00	0.07	0.26	
10	0.37	1.2	0.8	0.2	0.0	0.00	0.07	0.37	
11	0.46	1.3	1.0	0.3	0.0	0.05	0.16	0.65	
12	0.58	2.6	1.5	0.3	0.0	0.08	0.38	0.93	
Summary	6.34	22.5	14.3	3.8	0.6	1.06	3.47	8.56	

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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	502.9	547.5	792.1	963.0	1247.8	1485.0	1703.4	1692.5	1459.4	1131.5	714.0	457.3
45	350.3	407.9	637.1	813.0	1092.8	1335.0	1548.4	1537.5	1309.4	976.5	564.1	303.9
50	205.7	269.6	482.1	663.0	937.8	1185.0	1393.4	1382.5	1159.4	821.5	416.3	165.2
55	88.9	145.1	329.8	513.2	782.8	1034.9	1238.3	1227.5	1009.4	666.5	276.9	64.7
60	23.7	54.5	192.7	365.5	627.8	884.9	1083.3	1072.5	859.4	512.6	156.3	14.5
Growing Degree Units for Corn (Monthly)												
50/86	332.2	354.9	497.7	595.5	751.1	865.4	1028.6	1029.5	892.8	704.1	458.6	305.2

Growing Degree Units (Accumulated Monthly)												
40	503	1050	1842	2806	4053	5538	7242	8934	10394	11525	12239	12696
45	350	758	1395	2208	3301	4636	6184	7722	9031	10008	10572	10876
50	206	475	957	1620	2558	3743	5137	6519	7678	8500	8916	9082
55	89	234	564	1077	1860	2895	4133	5360	6370	7036	7313	7378
60	24	78	271	636	1264	2149	3232	4305	5164	5677	5833	5848
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	332	687	1185	1780	2531	3397	4425	5455	6348	7052	7510	7816

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