

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 12 ft. Lat: 28.7247° N Lon: 96.2536° W
Station: PALACIOS MUNI AP, TX US USW00012935

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	65.2	46.0	55.6	3.4	3.7	3.3	118.5	89.2	54.6	18.3	3.0	1.1	99.7	132.4	190.8	309.5	0.0	0.0	28.1	0.0	2.1	0.0
02	68.3	50.2	59.3	3.4	3.4	3.2	168.9	132.3	85.7	31.7	6.3	2.4	49.9	69.3	106.6	192.7	0.0	0.0	26.8	0.0	1.0	0.0
03	73.4	56.7	65.0	3.0	3.7	3.2	327.4	273.3	198.0	95.7	29.3	13.6	15.8	23.7	41.4	94.1	0.0	0.0	30.7	0.0	0.4	0.0
04	79.5	63.3	71.4	1.9	3.0	2.3	493.0	434.0	347.5	211.0	98.2	63.0	1.0	2.0	5.5	19.0	0.0	0.2	30.0	0.0	0.0	0.0
05	84.9	71.3	78.1	1.7	2.3	1.8	716.1	654.1	561.1	406.9	256.8	200.2	0.0	0.0	0.0	0.8	0.0	1.1	31.0	0.0	0.0	0.0
06	90.1	77.2	83.6	1.5	1.6	1.3	859.4	799.3	709.4	559.4	409.5	349.5	0.0	0.0	0.0	0.0	0.1	13.8	30.0	0.0	0.0	0.0
07	91.7	79.1	85.4	1.4	1.5	1.2	942.4	880.4	787.4	632.4	477.4	415.4	0.0	0.0	0.0	0.0	0.1	23.7	31.0	0.0	0.0	0.0
08	92.8	78.5	85.6	1.6	1.6	1.4	950.0	888.0	795.0	640.1	485.1	423.1	0.0	0.0	0.0	0.0	0.2	26.3	31.0	0.0	0.0	0.0
09	90.0	73.0	81.5	1.9	2.0	1.5	794.9	734.9	644.9	495.1	346.4	288.5	0.0	0.0	0.0	0.1	0.2	15.2	30.0	0.0	0.0	0.0
10	83.7	64.1	73.9	1.5	2.9	1.8	587.3	526.1	435.3	291.9	165.7	123.3	1.5	2.2	4.4	16.0	0.0	1.8	31.0	0.0	0.0	0.0
11	74.4	54.8	64.6	3.8	3.3	3.3	312.3	263.1	195.1	102.4	40.1	24.3	24.2	35.0	57.0	114.4	0.0	0.0	29.5	0.0	0.5	0.0
12	67.8	48.2	58.0	2.9	2.8	2.5	168.0	133.6	89.9	37.7	9.9	4.7	74.9	102.5	151.8	254.6	0.0	0.0	29.5	0.0	1.4	0.0
Summary	80.1	63.5	71.8	2.3	2.7	2.2	6438	5808	4904	3523	2328	1909	267	367	558	1001	0.6	82.1	358.6	0.0	5.4	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	3.25	8.9	5.0	2.0	0.8	1.43	3.05	4.94	
02	1.89	7.7	3.3	1.1	0.5	0.74	1.32	2.63	
03	2.71	6.6	3.5	1.8	1.0	1.19	2.17	3.11	
04	2.67	6.0	3.1	1.5	0.7	1.24	2.42	3.57	
05	3.86	6.4	4.1	2.4	1.3	1.78	3.78	5.39	
06	4.55	8.2	5.4	2.7	1.6	2.28	4.04	6.22	
07	3.67	7.1	4.4	2.1	1.0	0.92	1.94	4.66	
08	3.91	8.1	5.0	2.2	0.9	1.04	2.62	5.32	
09	5.88	10.4	6.7	3.3	1.6	2.41	4.67	6.89	
10	4.33	7.2	4.7	2.2	1.4	1.36	4.21	6.04	
11	3.39	7.2	4.1	1.6	0.9	1.30	2.56	4.25	
12	2.98	8.9	4.6	1.8	0.8	1.34	2.44	4.48	
Summary	43.09	92.7	53.9	24.7	12.5	17.03	35.22	57.50	

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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	488.2	540.8	776.6	942.0	1181.1	1309.5	1407.4	1415.1	1245.0	1050.9	738.1	559.5
45	344.2	405.0	622.7	792.0	1026.1	1159.4	1252.4	1260.1	1095.0	896.0	589.5	411.1
50	216.8	278.0	471.5	642.1	871.1	1009.4	1097.4	1105.1	945.0	741.3	445.6	276.6
55	118.5	168.9	327.4	493.0	716.1	859.4	942.4	950.0	794.9	587.3	312.3	168.0
60	54.6	85.7	198.0	347.5	561.1	709.4	787.4	795.0	644.9	435.3	195.1	89.9
Growing Degree Units for Corn (Monthly)												
50/86	279.3	317.5	491.0	645.1	857.1	945.4	1008.2	998.2	877.3	728.8	472.3	333.9

Growing Degree Units (Accumulated Monthly)												
40	488	1029	1806	2748	3929	5238	6646	8061	9306	10357	11095	11654
45	344	749	1372	2164	3190	4349	5602	6862	7957	8853	9442	9854
50	217	495	966	1608	2480	3489	4586	5691	6636	7378	7823	8100
55	118	287	615	1108	1824	2683	3626	4576	5371	5958	6270	6438
60	55	140	338	686	1247	1956	2744	3539	4184	4619	4814	4904
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	279	597	1088	1733	2590	3535	4544	5542	6419	7148	7620	7954

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