U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals 1991-2020

Generated on 11/10/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 789 ft. Lat: 29.5442° N Lon: 98.4839° W

Station: **SAN ANTONIO INTL AP, TX US USW00012921**

Temperature (°F)

Mean							Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	63.3	41.0	52.2	4.0	2.8	3.1	68.0	48.2	26.0	7.3	1.2	0.4	156.2	198.4	269.3	405.5	0.0	0.0	27.6	0.1	4.7	0.0
02	67.5	45.1	56.3	4.3	3.6	3.5	122.2	93.5	58.8	22.3	5.3	2.4	85.8	113.0	162.3	265.9	0.0	0.2	26.3	0.1	2.7	0.0
03	73.8	51.8	62.8	3.0	3.7	3.2	271.0	221.3	154.9	71.0	21.9	10.9	29.2	41.5	68.1	139.2	0.0	0.5	30.5	0.0	1.0	0.0
04	80.3	58.4	69.4	3.2	3.0	2.8	433.1	375.2	291.3	165.7	73.0	46.6	2.6	4.6	10.8	35.2	0.1	3.2	30.0	0.0	0.0	0.0
05	86.6	66.4	76.5	2.9	1.9	2.2	666.5	604.6	511.9	359.3	215.3	163.9	0.0	0.1	0.4	2.8	0.2	11.8	31.0	0.0	0.0	0.0
06	92.4	72.7	82.6	2.9	1.4	2.0	826.4	766.4	676.4	526.4	376.5	316.8	0.0	0.0	0.0	0.0	2.0	24.0	30.0	0.0	0.0	0.0
07	94.9	74.7	84.8	3.0	1.2	2.0	923.8	861.8	768.8	613.8	458.8	396.8	0.0	0.0	0.0	0.0	5.7	28.5	31.0	0.0	0.0	0.0
08	96.0	74.9	85.5	2.7	1.5	2.0	943.7	881.7	788.8	633.8	478.8	416.8	0.0	0.0	0.0	0.0	8.6	28.8	31.0	0.0	0.0	0.0
09	90.1	69.6	79.9	3.1	2.2	2.2	745.5	685.5	595.6	446.5	300.8	244.8	0.0	0.0	0.1	1.0	1.2	19.7	30.0	0.0	0.0	0.0
10	82.2	60.4	71.3	2.3	2.6	1.9	508.7	448.9	362.0	229.3	120.2	86.1	3.5	5.7	11.8	34.0	0.0	5.6	31.0	0.0	0.0	0.0
11	71.7	49.8	60.7	3.7	3.3	3.3	222.3	180.2	125.5	58.1	20.0	11.5	49.7	67.6	103.0	185.6	0.0	0.1	29.3	0.0	1.3	0.0
12	64.7	42.4	53.5	3.1	2.9	2.4	90.9	67.5	40.4	14.3	2.9	1.2	135.7	174.3	240.2	369.2	0.0	0.0	28.7	0.0	4.3	0.0
Summary	80.3	58.9	69.6	3.2	2.5	2.5	5822	5235	4400	3148	2075	1698	463	605	866	1438	17.8	122.4	356.4	0.2	14.0	0.0

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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	1.96	6.9	3.7	1.0	0.5	0.39	1.59	2.85
02	1.74	7.4	3.1	1.0	0.5	0.51	1.13	2.40
03	2.31	8.5	4.1	1.3	0.6	1.09	2.04	2.94
04	2.42	6.4	3.6	1.6	0.7	0.85	2.13	3.55
05	4.40	8.3	5.1	2.6	1.5	1.77	3.47	5.72
06	3.28	7.0	4.6	2.1	1.1	1.02	2.34	5.48
07	2.41	5.0	3.1	1.4	0.5	0.34	0.85	3.00
08	2.15	4.7	3.1	1.2	0.6	0.35	1.16	2.77
09	3.88	6.9	4.8	2.5	1.3	1.48	2.86	5.27
10	3.75	6.4	3.8	2.0	1.0	0.79	2.23	5.25
11	2.08	6.4	3.3	1.3	0.7	0.49	1.49	2.46
12	2.00	7.4	3.3	1.2	0.4	0.41	1.36	2.51
Summary	32.38	81.3	45.6	19.2	9.4	9.49	22.65	44.20

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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	0.10	0.3	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	0.10	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	0.2	0.3	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	387.6	461.5	707.3	880.5	1131.5	1276.4	1388.8	1408.8	1195.5	970.3	623.1	426.2
45	253.2	330.8	555.2	730.6	976.5	1126.4	1233.8	1253.8	1045.5	815.4	477.4	286.6
50	142.9	214.1	407.8	581.1	821.5	976.4	1078.8	1098.8	895.5	661.3	342.0	171.4
55	68.0	122.2	271.0	433.1	666.5	826.4	923.8	943.7	745.5	508.7	222.3	90.9
60	26.0	58.8	154.9	291.3	511.9	676.4	768.8	788.8	595.6	362.0	125.5	40.4
Growing Degree Units for Corn (Monthly)												
50/86	232.6	279.5	444.3	583.9	779.9	876.8	939.0	942.0	819.1	653.2	390.9	258.4

Growing Degree Units (Accumulated Monthly)

40	388	849	1556	2437	3568	4845	6234	7642	8838	9808	10431	10858
45	253	584	1139	1870	2846	3973	5206	6460	7506	8321	8799	9085
50	143	357	765	1346	2167	3144	4223	5321	6217	6878	7220	7392
55	68	190	461	894	1561	2387	3311	4255	5000	5509	5731	5822
60	26	85	240	531	1043	1719	2488	3277	3873	4234	4360	4400
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	233	512	956	1540	2320	3197	4136	5078	5897	6550	6941	7200

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

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