

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 31 ft. Lat: 26.4644° N Lon: 97.7847° W
Station: **RAYMONDVILLE, TX US USC00417458**

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	71.3	48.1	59.7	4.5	3.4	3.7	206.9	166.0	113.5	51.6	16.6	8.6	61.0	82.0	122.5	215.7	0.0	0.1	28.9	0.0	1.0	0.0
02	76.0	51.9	64.0	4.4	3.5	3.6	277.8	233.0	172.5	90.7	35.5	21.3	27.2	38.4	61.9	120.1	0.0	1.3	27.2	0.0	0.7	0.0
03	80.9	57.8	69.3	3.9	3.6	3.5	454.0	396.7	314.6	190.3	93.9	65.2	9.1	13.9	24.7	55.4	0.2	3.9	30.7	0.0	0.2	0.0
04	86.7	63.4	75.1	2.7	3.3	2.7	602.5	543.2	455.2	312.7	182.9	137.7	1.0	1.7	3.7	11.2	0.3	9.6	29.9	0.0	0.0	0.0
05	90.8	69.8	80.3	2.2	2.3	2.0	784.3	722.3	629.3	474.7	323.3	264.5	0.0	0.0	0.0	0.4	0.4	18.5	31.0	0.0	0.0	0.0
06	95.3	74.0	84.6	1.4	1.1	1.1	889.4	829.3	739.3	589.4	439.4	379.5	0.0	0.0	0.0	0.0	1.9	27.9	30.0	0.0	0.0	0.0
07	96.9	74.9	85.9	2.7	0.9	1.5	957.9	896.0	803.0	647.9	492.9	430.9	0.0	0.0	0.0	0.0	6.7	29.1	31.0	0.0	0.0	0.0
08	98.3	74.9	86.6	1.6	1.1	1.1	979.4	917.4	824.4	669.4	514.5	452.5	0.0	0.0	0.0	0.0	10.4	29.9	31.0	0.0	0.0	0.0
09	93.1	71.6	82.4	1.7	1.5	1.2	820.5	760.5	670.6	520.9	371.8	312.7	0.0	0.0	0.1	0.4	1.5	23.2	30.0	0.0	0.0	0.0
10	88.2	64.4	76.3	2.0	2.0	1.5	660.8	599.1	507.1	357.7	220.5	170.8	0.5	0.9	1.9	7.4	0.0	14.9	31.0	0.0	0.0	0.0
11	79.8	56.1	67.9	3.5	3.2	3.1	402.0	348.2	271.2	157.7	72.8	48.2	13.5	19.6	32.6	69.2	0.0	2.6	29.6	0.0	0.2	0.0
12	72.8	49.6	61.2	2.9	3.3	2.7	238.7	195.9	140.8	70.3	25.1	13.5	46.4	65.6	103.4	188.0	0.0	0.2	30.0	0.0	1.2	0.0
Summary	85.8	63.0	74.4	2.8	2.4	2.3	7274	6608	5642	4133	2789	2305	159	222	351	668	21.4	161.2	360.3	0.0	3.3	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	1.01	4.7	2.7	0.6	0.2	0.36	0.77	1.49
02	1.02	4.0	2.4	0.7	0.2	0.19	0.59	1.39
03	1.40	3.6	2.0	0.7	0.3	0.26	1.23	1.88
04	1.35	3.3	2.4	1.0	0.6	0.21	1.09	2.04
05	3.03	3.8	3.0	1.6	0.9	1.50	2.52	4.05
06	2.58	4.6	3.6	1.4	0.7	0.99	2.67	3.35
07	2.47	5.0	3.6	1.4	0.6	0.19	1.12	3.45
08	2.09	5.4	3.6	1.2	0.7	1.13	1.67	2.38
09	5.56	8.2	6.5	3.0	1.7	3.34	5.13	7.56
10	2.97	4.6	3.6	1.9	1.3	0.58	2.44	4.79
11	0.87	3.9	2.4	0.6	0.3	0.24	0.78	1.17
12	1.12	5.0	2.6	0.6	0.2	0.28	0.93	1.49
Summary	25.47	56.1	38.4	14.7	7.7	9.27	20.94	35.04

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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	0.20	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
Summary	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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	613.0	671.4	909.9	1051.5	1249.3	1339.4	1422.9	1444.6	1270.5	1125.3	838.6	658.3
45	464.2	534.5	755.2	901.5	1094.3	1189.4	1267.9	1289.6	1120.5	970.3	689.1	507.9
50	326.4	401.5	602.1	751.7	939.3	1039.4	1112.9	1134.5	970.5	815.4	542.5	364.9
55	206.9	277.8	454.0	602.5	784.3	889.4	957.9	979.4	820.5	660.8	402.0	238.7
60	113.5	172.5	314.6	455.2	629.3	739.3	803.0	824.4	670.6	507.1	271.2	140.8
Growing Degree Units for Corn (Monthly)												
50/86	382.8	431.0	600.6	711.2	856.5	899.0	943.4	943.5	859.2	759.9	553.5	419.8

Growing Degree Units (Accumulated Monthly)												
40	613	1284	2194	3246	4495	5834	7257	8702	9972	11098	11936	12595
45	464	999	1754	2655	3750	4939	6207	7497	8617	9587	10276	10784
50	326	728	1330	2082	3021	4060	5173	6308	7278	8094	8636	9001
55	207	485	939	1541	2326	3215	4173	5152	5973	6634	7036	7274
60	114	286	601	1056	1685	2424	3227	4052	4722	5230	5501	5642
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	383	814	1414	2126	2982	3881	4824	5768	6627	7387	7941	8360

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