

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 695 ft. Lat: 31.8092° N Lon: 95.1428° W
Station: **RUSK, TX US USC00417841**

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	55.6	37.3	46.4	3.8	3.5	3.4	32.5	21.4	10.7	2.4	0.3	0.1	297.4	348.2	430.6	577.3	0.0	0.0	21.9	0.9	9.9	0.0
02	59.5	40.5	50.0	4.2	3.4	3.7	55.5	39.2	21.2	5.6	0.8	0.2	195.3	235.1	301.1	425.5	0.0	0.0	22.9	0.6	5.7	0.0
03	66.9	47.3	57.1	3.8	4.0	3.7	152.4	116.2	71.8	23.2	3.2	1.0	87.3	113.1	161.7	268.2	0.0	0.0	29.3	0.1	1.9	0.0
04	74.0	54.3	64.1	2.9	3.0	2.7	291.1	239.4	168.2	73.8	19.3	9.3	16.6	24.8	43.7	99.3	0.0	0.3	29.9	0.0	0.1	0.0
05	80.7	62.9	71.8	2.9	2.1	2.3	521.3	460.0	369.2	225.4	104.8	68.7	0.5	1.2	3.4	14.6	0.0	2.7	31.0	0.0	0.0	0.0
06	87.1	69.9	78.5	3.1	1.5	2.1	704.8	644.8	554.9	405.1	256.1	198.3	0.0	0.0	0.1	0.2	0.3	10.4	30.0	0.0	0.0	0.0
07	90.7	72.1	81.4	2.9	1.2	1.9	818.3	756.4	663.4	508.4	353.6	291.7	0.0	0.0	0.0	0.0	1.7	21.4	31.0	0.0	0.0	0.0
08	91.7	71.9	81.8	3.9	1.6	2.5	830.5	768.6	675.6	520.6	366.1	305.0	0.0	0.0	0.0	0.0	3.7	23.0	31.0	0.0	0.0	0.0
09	86.2	66.8	76.5	3.4	2.4	2.6	645.0	585.1	495.5	348.6	211.1	160.9	0.1	0.3	0.6	3.8	0.7	10.7	30.0	0.0	0.0	0.0
10	76.4	56.8	66.6	2.7	2.6	2.3	371.9	316.8	239.2	129.4	51.6	31.6	12.3	19.2	34.6	79.8	0.0	0.6	30.9	0.0	0.1	0.0
11	65.3	46.9	56.1	4.1	3.6	3.7	132.3	100.7	62.9	21.9	4.9	2.2	99.2	127.6	179.8	288.8	0.0	0.0	27.6	0.0	1.9	0.0
12	57.5	39.8	48.6	3.2	2.7	2.7	46.3	31.7	16.6	4.7	0.6	0.1	243.0	290.4	368.3	511.5	0.0	0.0	24.0	0.2	7.0	0.0
Summary	74.3	55.5	64.9	3.4	2.6	2.8	4602	4080	3349	2269	1372	1069	952	1160	1524	2269	6.4	69.1	339.5	1.8	26.6	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	4.36	8.6	6.1	2.9	1.3	2.71	4.21	5.51
02	4.26	9.6	6.1	2.8	1.3	2.20	3.65	5.35
03	4.46	8.7	6.5	3.0	1.4	2.84	4.37	6.16
04	4.04	7.5	5.3	2.7	1.5	1.93	3.15	5.29
05	4.58	7.8	6.0	3.1	1.4	2.46	3.72	5.12
06	4.51	7.2	5.7	2.6	1.3	2.21	3.58	6.10
07	3.38	6.3	4.6	2.1	1.0	1.61	3.51	4.45
08	3.35	6.5	4.7	2.3	1.0	1.25	2.14	4.28
09	3.67	6.7	4.7	2.3	1.2	2.34	3.07	4.64
10	4.65	6.9	5.1	3.0	1.5	1.85	4.28	6.72
11	3.98	7.9	5.6	2.6	1.3	2.01	3.53	5.45
12	4.88	9.4	6.2	3.0	1.5	2.75	4.58	6.16
Summary	50.12	93.1	66.6	32.4	15.7	26.16	43.79	65.23

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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	0.10	0.1	0.0	0.0	0.0	0.0	0.1	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	0.1	0.1	0.0	0.0	0.0	0.0	0.1	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	248.5	305.0	535.8	724.7	985.8	1154.9	1283.4	1295.6	1094.9	824.9	489.7	294.7
45	147.7	196.9	391.6	575.6	830.8	1004.8	1128.3	1140.5	944.8	670.6	352.7	180.9
50	76.0	113.3	261.4	429.5	675.8	854.8	973.3	985.5	794.8	518.0	230.6	98.3
55	32.5	55.5	152.4	291.1	521.3	704.8	818.3	830.5	645.0	371.9	132.3	46.3
60	10.7	21.2	71.8	168.2	369.2	554.9	663.4	675.6	495.5	239.2	62.9	16.6
Growing Degree Units for Corn (Monthly)												
50/86	135.2	170.6	308.0	448.9	668.7	816.0	893.6	888.3	756.3	529.6	276.1	156.1

Growing Degree Units (Accumulated Monthly)												
40	248	554	1089	1814	2800	3955	5238	6534	7629	8454	8943	9238
45	148	345	736	1312	2143	3147	4276	5416	6361	7032	7384	7565
50	76	189	451	880	1556	2411	3384	4370	5164	5682	5913	6011
55	32	88	240	532	1053	1758	2576	3406	4051	4423	4556	4602
60	11	32	104	272	641	1196	1859	2535	3030	3270	3333	3349
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	135	306	614	1063	1731	2547	3441	4329	5086	5615	5891	6047

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