

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1612 ft. Lat: 32.9403° N Lon: 99.8036° W

Station: STAMFORD 1, TX US USC00418583

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	56.1	30.1	43.1	3.9	2.6	2.8	13.0	7.6	3.0	0.5	0.1	0.0	381.8	438.4	526.8	679.3	0.0	0.0	21.7	1.5	20.0	0.0
02	60.5	33.4	46.9	5.2	3.5	4.0	34.4	22.7	11.1	2.5	0.4	0.1	259.7	304.1	376.5	507.9	0.0	0.2	22.0	1.1	13.7	0.0
03	69.2	41.4	55.3	3.8	4.0	3.4	129.2	97.9	60.8	21.1	4.2	1.6	119.9	150.6	206.5	321.8	0.0	0.6	28.8	0.2	5.7	0.0
04	78.1	49.5	63.8	3.5	2.9	2.9	293.6	244.9	178.0	89.5	33.5	20.3	29.6	40.9	64.0	125.5	0.2	4.7	29.4	0.0	0.8	0.0
05	86.0	60.0	73.0	4.3	2.5	3.2	560.0	499.8	411.2	272.8	156.2	117.9	2.1	3.8	8.2	24.8	2.6	12.2	31.0	0.0	0.0	0.0
06	93.4	68.6	81.0	3.6	2.3	2.8	780.0	720.1	630.3	480.6	332.8	275.5	0.1	0.2	0.3	0.7	5.3	22.8	30.0	0.0	0.0	0.0
07	97.4	72.4	84.9	3.4	2.1	2.7	926.8	864.9	771.9	616.8	462.1	400.5	0.0	0.0	0.0	0.0	13.1	27.7	31.0	0.0	0.0	0.0
08	96.5	71.2	83.8	3.5	2.3	2.9	894.2	832.3	739.3	584.4	430.1	368.9	0.0	0.0	0.0	0.1	11.9	26.1	31.0	0.0	0.0	0.0
09	88.4	63.4	75.9	3.5	2.7	2.9	627.8	568.5	480.1	337.9	208.2	162.2	0.8	1.5	3.1	10.9	1.9	15.7	30.0	0.0	0.0	0.0
10	78.2	51.9	65.1	3.3	2.4	2.4	336.8	284.6	212.5	113.1	43.7	26.6	25.2	35.1	55.9	111.6	0.1	4.7	30.4	0.0	0.6	0.0
11	66.1	40.1	53.1	4.5	3.5	3.6	92.9	67.9	38.8	11.4	2.4	1.0	149.8	184.9	245.8	368.4	0.0	0.2	26.7	0.2	6.7	0.0
12	57.3	31.9	44.6	3.7	2.3	2.5	18.8	11.4	4.8	0.6	0.0	0.0	341.1	395.7	482.1	632.8	0.0	0.0	23.2	1.1	17.4	0.0
Summary	77.3	51.2	64.2	3.9	2.8	3.0	4708	4223	3542	2531	1674	1375	1310	1555	1969	2784	35.1	114.9	335.2	4.1	64.9	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	1.16	3.4	2.3	0.8	0.2	0.32	0.95	1.92	
02	1.40	3.6	2.8	0.9	0.2	0.53	1.06	1.42	
03	1.75	4.1	3.3	1.2	0.4	0.63	1.60	2.38	
04	2.05	4.0	3.3	1.3	0.6	0.63	1.52	3.26	
05	3.27	6.2	5.1	2.4	0.9	1.51	2.61	4.53	
06	4.03	5.5	4.8	2.4	1.3	2.36	3.86	5.24	
07	1.73	3.3	2.8	1.2	0.5	0.16	1.23	2.59	
08	2.09	3.9	2.9	1.1	0.6	0.74	1.54	2.77	
09	3.05	4.7	3.9	1.9	1.0	1.14	2.82	4.09	
10	2.38	4.3	3.5	1.5	0.7	0.52	1.86	3.60	
11	1.47	3.2	2.6	1.1	0.5	0.41	1.06	2.50	
12	1.33	3.0	2.5	1.0	0.2	0.44	0.98	1.74	
Summary	25.71	49.2	39.8	16.8	7.1	9.39	21.09	36.04	

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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	1.00	0.5	0.3	0.2	0.0	0.0	0.4	0.3	0.1	0.0	0.00	0.00	0.50
02	1.00	0.5	0.4	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.00
03	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.30	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	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.50	0.3	0.2	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
12	0.60	0.3	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
Summary	3.6	1.8	1.3	0.7	0.0	0.0	1.2	0.5	0.1	0.0	0.0	0.0	0.5

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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	177.6	242.8	487.4	715.1	1023.0	1229.8	1391.8	1359.1	1076.9	777.8	410.1	203.8
45	93.1	148.1	349.3	568.4	868.0	1079.8	1236.7	1204.0	926.9	625.3	284.2	112.3
50	40.1	78.5	227.0	426.3	713.3	929.9	1081.8	1049.2	777.1	477.0	176.5	52.9
55	13.0	34.4	129.2	293.6	560.0	780.0	926.8	894.2	627.8	336.8	92.9	18.8
60	3.0	11.1	60.8	178.0	411.2	630.3	771.9	739.3	480.1	212.5	38.8	4.8
Growing Degree Units for Corn (Monthly)												
50/86	142.6	179.0	317.1	451.8	657.6	808.9	901.3	881.1	705.8	494.8	264.1	151.5

Growing Degree Units (Accumulated Monthly)												
40	178	420	908	1623	2646	3876	5268	6627	7704	8481	8891	9095
45	93	241	590	1159	2027	3107	4343	5547	6474	7100	7384	7496
50	40	119	346	772	1485	2415	3497	4546	5323	5800	5977	6030
55	13	47	177	470	1030	1810	2737	3631	4259	4596	4689	4708
60	3	14	75	253	664	1294	2066	2806	3286	3498	3537	3542
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	143	322	639	1090	1748	2557	3458	4339	5045	5540	5804	5956

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