

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1621 ft. Lat: 32.3664° N Lon: 99.1925° W

Station: PUTNAM, TX US USC00417327

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	57.3	32.0	44.6	3.9	3.1	3.1	24.7	15.9	7.8	1.3	0.1	0.0	345.4	398.6	483.6	632.0	0.0	0.0	22.9	1.1	16.0	0.0
02	61.0	35.1	48.0	4.7	3.2	3.7	47.0	33.2	18.4	5.0	1.1	0.4	241.5	283.7	352.8	479.5	0.0	0.3	22.7	0.9	10.8	0.0
03	69.0	42.7	55.9	3.9	3.9	3.6	143.0	111.0	70.8	25.6	5.6	2.6	116.6	146.6	199.5	309.3	0.0	0.7	29.1	0.2	5.0	0.0
04	77.5	50.7	64.1	3.5	3.0	2.8	300.3	251.0	183.5	92.7	35.1	21.5	27.2	38.0	60.5	119.7	0.1	3.4	29.7	0.0	0.9	0.0
05	84.4	60.1	72.3	3.9	2.4	2.9	536.8	476.6	388.6	250.3	134.0	97.3	2.0	3.9	8.8	25.6	0.8	8.9	31.0	0.0	0.0	0.0
06	91.1	68.5	79.8	3.6	2.1	2.7	743.9	683.9	593.9	444.4	296.3	239.4	0.0	0.0	0.1	0.5	2.5	19.4	30.0	0.0	0.0	0.0
07	95.5	71.9	83.7	3.3	2.2	2.6	889.6	827.7	734.6	579.7	424.8	363.3	0.0	0.0	0.0	0.0	7.9	27.3	31.0	0.0	0.0	0.0
08	95.6	71.3	83.4	3.9	2.3	3.0	881.7	819.8	726.7	571.8	417.2	355.9	0.0	0.0	0.0	0.0	9.7	26.3	31.0	0.0	0.0	0.0
09	88.1	63.8	75.9	3.7	2.7	2.9	629.2	569.8	481.2	337.9	208.1	161.9	0.8	1.3	2.8	9.5	1.7	14.6	30.0	0.0	0.0	0.0
10	78.4	53.0	65.7	3.2	2.6	2.4	355.7	302.7	229.0	125.4	50.8	31.4	24.0	33.0	52.3	103.7	0.0	3.6	30.5	0.0	0.7	0.0
11	66.9	41.9	54.4	4.1	3.3	3.4	116.7	88.2	54.0	17.7	3.6	1.7	134.7	166.2	221.9	335.7	0.0	0.1	27.4	0.1	5.7	0.0
12	58.2	33.8	46.0	3.5	2.5	2.5	32.3	21.2	10.6	1.8	0.1	0.0	311.1	362.1	444.4	590.6	0.0	0.0	23.8	0.8	14.0	0.0
Summary	76.9	52.1	64.5	3.8	2.8	3.0	4701	4201	3499	2454	1577	1275	1203	1433	1827	2606	22.7	104.6	339.1	3.1	53.1	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	1.20	4.3	2.6	0.7	0.3	0.37	1.11	1.93
02	1.77	4.6	3.0	1.2	0.5	0.52	1.49	2.46
03	2.23	5.3	3.5	1.6	0.6	1.25	2.03	2.74
04	2.08	4.9	3.5	1.5	0.5	1.09	1.75	2.45
05	3.89	7.5	5.5	2.8	1.4	2.34	2.91	4.33
06	3.66	6.2	4.5	2.5	1.1	2.04	3.16	5.05
07	2.36	4.6	3.3	1.4	0.6	0.67	2.02	3.07
08	2.42	5.6	3.8	1.5	0.7	0.89	1.70	3.80
09	2.92	5.2	3.5	1.8	1.1	0.96	2.35	4.32
10	2.87	5.4	4.1	1.9	0.8	1.50	2.34	3.40
11	2.15	4.5	3.2	1.3	0.6	0.56	1.46	3.76
12	1.43	4.3	2.8	0.9	0.4	0.46	1.06	1.97
Summary	28.98	62.4	43.3	19.1	8.6	12.65	23.38	39.28

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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	0.70	0.5	0.3	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	1.00
02	1.00	0.8	0.4	0.1	0.0	0.0	0.7	0.2	0.0	0.0	0.00	0.00	1.50
03	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
04	0.20	0.1	0.1	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	0.60	0.3	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	1.10	0.5	0.4	0.1	0.0	0.0	0.6	0.1	0.1	0.0	0.00	0.00	0.20
Summary	3.8	2.3	1.5	0.4	0.0	0.0	1.8	0.3	0.1	0.0	0.0	0.0	2.7

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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	214.0	269.5	504.5	724.1	999.7	1193.8	1354.6	1346.7	1078.5	797.9	446.7	240.5
45	122.4	170.6	365.3	576.6	844.8	1043.8	1199.6	1191.6	928.4	645.1	318.1	143.3
50	60.5	96.8	242.6	433.7	690.0	893.8	1044.6	1036.5	778.5	496.4	206.6	75.4
55	24.7	47.0	143.0	300.3	536.8	743.9	889.6	881.7	629.2	355.7	116.7	32.3
60	7.8	18.4	70.8	183.5	388.6	593.9	734.6	726.7	481.2	229.0	54.0	10.6
Growing Degree Units for Corn (Monthly)												
50/86	154.1	185.5	322.5	464.2	658.1	807.1	893.7	882.1	716.4	518.1	283.2	163.0

Growing Degree Units (Accumulated Monthly)												
40	214	484	988	1712	2712	3906	5260	6607	7685	8483	8930	9171
45	122	293	658	1235	2080	3124	4323	5515	6443	7088	7406	7550
50	60	157	400	834	1524	2417	3462	4498	5277	5773	5980	6055
55	25	72	215	515	1052	1796	2685	3567	4196	4552	4669	4701
60	8	26	97	280	669	1263	1998	2724	3206	3434	3488	3499
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	154	340	662	1126	1784	2592	3485	4367	5084	5602	5885	6048

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