

Summary of Monthly Normals 1991-2020

Generated on 11/08/2024

Current Location: Elev: 405 ft. Lat: 34.1381° N Lon: 88.9983° W
 Station: **PONTOTOC EXP STN, MS US USC00227111**

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	51.4	31.4	41.4	4.0	4.6	4.1	17.4	11.6	5.3	0.8	0.0	0.0	438.9	495.0	581.7	732.2	0.0	0.0	18.2	1.6	18.5	0.0
02	55.6	34.9	45.3	4.4	4.1	4.1	24.1	15.4	6.6	1.1	0.2	0.1	297.0	344.3	419.5	554.0	0.0	0.0	19.4	0.7	13.1	0.0
03	64.4	41.9	53.2	4.4	3.9	4.0	95.1	69.9	40.6	11.8	1.4	0.4	152.5	189.2	253.0	379.1	0.0	0.0	27.9	0.1	6.9	0.0
04	72.6	50.1	61.4	2.8	3.3	2.9	226.6	182.4	123.8	51.6	12.5	5.4	36.0	51.8	83.3	161.1	0.0	0.0	29.8	0.0	0.9	0.0
05	80.1	59.5	69.8	2.1	2.7	2.2	459.9	399.9	312.7	181.8	78.6	48.2	1.2	3.1	8.9	33.1	0.0	1.2	31.0	0.0	0.0	0.0
06	86.7	67.1	76.9	2.2	1.9	1.8	656.9	596.9	506.9	357.4	213.1	159.3	0.0	0.0	0.0	0.5	0.1	9.4	30.0	0.0	0.0	0.0
07	89.5	70.1	79.8	2.3	1.6	1.8	768.7	706.7	613.7	458.7	304.3	243.3	0.0	0.0	0.0	0.0	0.1	17.7	31.0	0.0	0.0	0.0
08	89.5	68.9	79.2	3.0	2.1	2.4	750.1	688.1	595.1	440.2	287.0	227.2	0.0	0.0	0.0	0.1	0.6	15.6	31.0	0.0	0.0	0.0
09	84.6	62.6	73.6	2.8	2.7	2.4	558.2	498.8	410.8	270.4	147.1	105.0	0.3	1.0	2.9	12.5	0.0	7.1	30.0	0.0	0.0	0.0
10	74.4	50.7	62.5	3.1	2.6	2.3	264.4	216.7	153.6	71.6	23.4	12.4	30.3	44.6	74.5	147.5	0.0	0.5	30.9	0.0	0.6	0.0
11	62.6	41.2	51.9	4.0	3.6	3.5	72.5	51.9	29.5	9.0	1.4	0.2	165.4	204.8	272.4	401.9	0.0	0.0	26.7	0.0	7.3	0.0
12	54.2	34.4	44.3	3.6	3.8	3.5	22.3	14.4	7.3	1.9	0.2	0.1	353.9	408.0	493.9	643.5	0.0	0.0	19.8	0.6	15.4	0.0
Summary	72.1	51.1	61.6	3.2	3.1	2.9	3916	3453	2806	1856	1069	802	1476	1742	2190	3066	0.8	51.5	325.7	3.0	62.7	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	4.88	11.0	7.4	3.4	1.4	3.20	4.39	6.96	
02	5.56	9.6	6.9	3.7	1.6	3.93	4.45	6.53	
03	5.49	11.0	7.8	4.1	1.8	4.34	5.21	6.43	
04	6.09	9.1	6.7	3.6	2.0	3.72	6.03	6.89	
05	5.54	10.4	7.9	3.7	1.6	3.01	4.57	7.94	
06	4.86	9.3	6.9	3.4	1.3	2.76	4.32	6.63	
07	4.89	9.6	7.1	3.3	1.4	2.45	3.94	7.33	
08	5.02	8.7	6.1	3.2	1.4	2.44	5.00	6.64	
09	3.67	6.2	4.1	2.2	0.9	1.59	3.32	5.17	
10	4.20	7.2	4.9	2.5	1.5	1.88	3.26	6.29	
11	4.34	8.8	6.0	3.1	1.4	2.64	4.51	5.42	
12	6.29	10.8	7.8	3.9	2.1	4.53	5.85	7.46	
Summary	60.83	111.7	79.6	40.1	18.4	36.49	54.85	79.69	

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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	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.10	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
03	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
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	0.3	0.2	0.1	0.0	0.0	0.0	0.3	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	154.9	201.6	422.3	640.9	923.8	1106.9	1233.7	1215.0	1007.8	699.9	371.0	195.2
45	83.0	117.9	290.6	493.5	768.7	956.8	1078.7	1060.0	857.7	546.7	246.9	109.1
50	40.3	59.4	179.6	353.1	613.8	806.8	923.7	905.0	707.7	399.1	146.0	55.1
55	17.4	24.1	95.1	226.6	459.9	656.9	768.7	750.1	558.2	264.4	72.5	22.3
60	5.3	6.6	40.6	123.8	312.7	506.9	613.7	595.1	410.8	153.6	29.5	7.3
Growing Degree Units for Corn (Monthly)												
50/86	89.6	119.4	252.2	396.6	614.7	770.3	859.5	839.5	682.2	442.1	215.5	108.6

Growing Degree Units (Accumulated Monthly)												
40	155	356	779	1420	2344	3450	4684	5899	6907	7607	7978	8173
45	83	201	492	985	1754	2710	3789	4849	5707	6254	6500	6610
50	40	100	279	632	1246	2053	2977	3882	4589	4988	5134	5190
55	17	42	137	363	823	1480	2249	2999	3557	3821	3894	3916
60	5	12	52	176	489	996	1610	2205	2616	2769	2799	2806
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	90	209	461	858	1472	2243	3102	3942	4624	5066	5282	5390

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