

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 349 ft. Lat: 32.3378° N Lon: 89.0817° W
Station: NEWTON EXP STN, MS US USC00226308

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	58.1	33.0	45.6	3.6	4.2	3.7	34.3	24.6	13.2	2.8	0.3	0.1	327.1	379.4	460.9	605.6	0.0	0.0	23.5	0.5	16.8	0.0
02	62.6	36.0	49.3	4.1	4.2	3.9	48.1	33.9	18.8	5.5	0.9	0.3	207.6	249.4	318.4	445.1	0.0	0.0	23.8	0.1	13.4	0.0
03	70.1	42.6	56.3	4.0	4.2	4.0	136.5	103.4	63.4	21.6	3.8	1.4	94.7	123.6	176.6	289.8	0.0	0.0	29.6	0.0	6.1	0.0
04	77.1	49.8	63.5	2.7	3.1	2.7	274.5	225.5	159.1	72.2	21.7	10.7	20.9	32.0	55.5	118.6	0.0	0.1	29.9	0.0	0.9	0.0
05	84.4	59.0	71.7	2.1	2.6	2.0	518.1	457.0	367.1	226.9	108.4	71.0	0.4	1.3	4.4	19.2	0.0	4.6	31.0	0.0	0.0	0.0
06	90.7	66.6	78.7	2.3	1.7	1.6	709.4	649.4	559.4	409.5	261.3	203.8	0.0	0.0	0.0	0.1	0.4	18.3	30.0	0.0	0.0	0.0
07	93.2	69.3	81.3	2.0	1.7	1.5	813.7	751.7	658.7	503.7	348.8	287.0	0.0	0.0	0.0	0.0	1.0	24.3	31.0	0.0	0.0	0.0
08	92.9	68.2	80.5	2.8	1.9	2.0	792.0	730.0	637.0	482.0	327.8	267.3	0.0	0.0	0.0	0.0	2.0	23.0	31.0	0.0	0.0	0.0
09	89.0	62.3	75.7	2.9	2.8	2.4	619.4	559.5	470.1	324.3	190.1	142.7	0.0	0.2	0.8	4.9	0.5	13.3	30.0	0.0	0.0	0.0
10	79.7	49.9	64.8	2.9	4.0	2.7	324.2	272.4	201.2	103.6	41.9	25.9	20.4	30.5	52.4	109.7	0.0	2.2	30.9	0.0	1.4	0.0
11	68.3	39.7	54.0	3.8	3.4	3.1	96.2	71.3	43.0	15.0	2.8	1.1	126.0	161.1	222.8	344.9	0.0	0.0	28.9	0.0	8.9	0.0
12	60.6	35.6	48.1	3.3	3.9	3.4	50.7	37.4	22.1	7.6	2.0	1.0	264.5	313.2	390.9	531.5	0.0	0.0	25.8	0.1	16.0	0.0
Summary	77.2	51.0	64.1	3.0	3.1	2.8	4417	3916	3213	2175	1310	1012	1062	1291	1683	2469	3.9	85.8	345.4	0.7	63.5	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	5.76	10.9	7.5	3.6	2.0	3.68	5.15	6.70	
02	5.54	9.5	6.8	3.7	1.7	3.43	5.73	7.52	
03	5.39	9.9	6.7	3.6	1.8	4.08	5.18	6.48	
04	6.12	8.4	5.6	3.3	2.1	3.19	5.70	7.18	
05	4.08	8.8	5.8	2.6	1.2	2.34	3.35	6.29	
06	4.90	10.2	7.6	3.2	1.5	3.01	4.47	6.62	
07	4.83	11.7	7.8	3.6	1.2	3.37	4.13	5.43	
08	4.64	9.9	6.7	2.8	1.2	3.30	4.05	5.89	
09	3.24	6.6	4.4	2.0	1.0	1.45	2.91	4.35	
10	3.83	6.5	4.0	2.1	1.3	1.84	2.94	5.56	
11	4.60	8.4	5.7	2.7	1.5	2.69	3.43	5.81	
12	5.54	10.7	7.0	3.6	1.7	3.85	5.35	6.53	
Summary	58.47	111.5	75.6	36.8	18.2	36.23	52.39	74.36	

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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	0.30	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
02	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	0.00	0.1	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	0.4	0.4	0.3	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	226.9	280.4	511.9	703.6	982.7	1159.3	1278.7	1256.9	1069.3	769.3	424.9	280.9
45	133.0	175.6	367.6	554.7	827.7	1009.3	1123.7	1101.9	919.3	615.2	291.6	173.6
50	70.5	99.2	240.0	409.7	672.7	859.4	968.7	947.0	769.3	464.9	179.9	98.9
55	34.3	48.1	136.5	274.5	518.1	709.4	813.7	792.0	619.4	324.2	96.2	50.7
60	13.2	18.8	63.4	159.1	367.1	559.4	658.7	637.0	470.1	201.2	43.0	22.1
Growing Degree Units for Corn (Monthly)												
50/86	157.0	195.3	336.1	461.5	656.6	781.7	854.7	836.1	708.8	514.6	295.2	191.4

Growing Degree Units (Accumulated Monthly)												
40	227	507	1019	1723	2706	3865	5144	6400	7470	8239	8664	8945
45	133	309	676	1231	2059	3068	4192	5294	6213	6828	7120	7293
50	70	170	410	819	1492	2352	3320	4267	5036	5501	5681	5780
55	34	82	219	493	1012	1721	2535	3327	3946	4270	4366	4417
60	13	32	95	254	622	1181	1840	2477	2947	3148	3191	3213
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	157	352	688	1150	1806	2588	3443	4279	4988	5502	5798	5989

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