

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 392 ft. Lat: 33.4847° N Lon: 89.6244° W
Station: WINONA 5 E, MS US USC00229743

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	52.6	29.2	40.9	3.9	4.2	3.9	16.7	10.7	4.6	0.8	0.0	0.0	453.5	509.6	596.4	747.8	0.0	0.0	18.7	1.3	19.8	0.0
02	57.1	31.8	44.5	4.0	3.5	3.5	22.9	14.9	7.2	1.3	0.1	0.0	318.2	366.1	442.5	576.7	0.0	0.0	19.9	0.3	16.4	0.0
03	65.3	38.6	51.9	4.1	3.9	3.8	78.8	56.5	31.1	7.4	1.0	0.2	173.4	213.2	280.7	412.0	0.0	0.0	27.9	0.1	9.9	0.0
04	72.7	46.0	59.4	2.9	3.3	2.9	182.5	142.4	91.7	33.5	6.7	2.5	51.9	71.8	111.1	202.9	0.0	0.0	29.8	0.0	2.4	0.0
05	79.9	55.6	67.7	2.2	2.9	2.2	398.6	340.2	256.4	136.5	48.0	25.4	3.4	6.9	16.2	51.2	0.0	0.9	31.0	0.0	0.0	0.0
06	86.7	63.9	75.3	2.6	1.9	1.9	608.8	548.8	458.9	310.6	170.2	120.0	0.0	0.0	0.1	1.7	0.0	8.1	30.0	0.0	0.0	0.0
07	89.3	67.2	78.3	2.1	1.9	1.7	720.7	658.7	565.7	410.7	256.3	196.4	0.0	0.0	0.0	0.0	0.1	16.4	31.0	0.0	0.0	0.0
08	89.6	66.0	77.8	3.3	2.2	2.4	706.6	644.6	551.6	397.0	245.2	187.1	0.0	0.0	0.0	0.3	0.8	16.3	31.0	0.0	0.0	0.0
09	85.3	59.5	72.4	3.4	3.3	2.9	522.3	463.1	375.8	238.9	122.2	83.8	0.5	1.3	4.0	17.0	0.1	8.7	30.0	0.0	0.0	0.0
10	75.2	47.2	61.2	3.2	3.4	2.5	235.5	190.5	130.9	57.7	17.2	9.4	43.2	60.3	93.7	175.5	0.0	0.8	30.9	0.0	2.3	0.0
11	63.7	36.5	50.1	4.1	3.6	3.4	54.7	38.7	21.6	5.8	0.7	0.1	201.6	245.6	318.4	452.7	0.0	0.0	27.5	0.1	11.7	0.0
12	55.3	31.8	43.6	3.5	3.9	3.5	23.5	15.9	8.6	2.5	0.4	0.1	378.4	432.8	518.4	667.4	0.0	0.0	20.9	0.4	18.3	0.0
Summary	72.7	47.8	60.3	3.3	3.2	2.9	3572	3125	2504	1603	868	625	1624	1908	2382	3305	1.0	51.2	328.6	2.2	80.8	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	5.38	10.5	7.8	3.5	1.5	3.02	5.30	6.72
02	5.45	10.1	7.6	3.9	1.8	3.18	4.72	6.79
03	5.64	11.1	7.6	3.6	2.0	4.47	5.87	6.41
04	6.12	9.3	6.8	3.9	2.2	3.38	5.62	8.04
05	4.98	9.5	6.8	3.2	1.7	2.83	4.06	7.10
06	4.49	9.2	6.5	3.1	1.5	2.38	3.68	6.18
07	5.33	10.4	7.2	3.3	1.5	3.19	4.82	7.49
08	4.07	9.2	5.9	2.5	1.2	2.42	3.68	5.61
09	3.95	6.8	4.2	2.2	1.2	1.98	3.81	5.24
10	3.74	6.5	4.6	2.2	1.3	1.62	2.98	5.01
11	4.16	8.3	5.8	2.9	1.2	2.79	3.74	5.27
12	5.72	9.9	7.6	3.9	1.8	4.64	5.36	6.63
Summary	59.03	110.8	78.4	38.2	18.9	35.90	53.64	76.49

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	0.20	0.3	0.1	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.00
02	0.40	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
03	0.20	0.1	0.1	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.8	0.7	0.3	0.2	0.0	0.0	0.5	0.2	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	143.6	181.6	386.1	581.1	860.2	1058.8	1185.6	1171.6	971.7	658.4	323.0	181.1
45	78.3	104.0	258.2	435.5	705.2	908.8	1030.6	1016.6	821.7	506.3	206.6	103.2
50	39.1	53.5	154.3	299.7	550.5	758.8	875.7	861.6	671.8	362.6	115.9	54.2
55	16.7	22.9	78.8	182.5	398.6	608.8	720.7	706.6	522.3	235.5	54.7	23.5
60	4.6	7.2	31.1	91.7	256.4	458.9	565.7	551.6	375.8	130.9	21.6	8.6
Growing Degree Units for Corn (Monthly)												
50/86	99.6	132.6	258.2	376.4	566.7	723.6	815.4	793.3	645.1	435.8	222.6	122.9
Growing Degree Units (Accumulated Monthly)												
40	144	325	711	1292	2153	3211	4397	5569	6540	7199	7522	7703
45	78	182	440	876	1581	2490	3521	4537	5359	5865	6072	6175
50	39	93	247	547	1097	1856	2732	3593	4265	4628	4744	4798
55	17	40	118	301	700	1308	2029	2736	3258	3493	3548	3572
60	5	12	43	135	391	850	1416	1967	2343	2474	2496	2504
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	100	232	490	867	1434	2157	2972	3766	4411	4847	5069	5192

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