

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 890 ft. Lat: 39.0461° N Lon: 78.9664° W
Station: **MOOREFIELD 1 SSE, WV US USC00466163**

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	42.2	20.3	31.3	4.5	4.7	4.4	1.4	0.5	0.1	0.0	0.0	0.0	737.4	798.6	891.1	1046.1	0.0	0.0	8.7	6.3	26.4	1.1
02	46.3	22.1	34.2	5.2	4.3	4.5	1.5	0.7	0.2	0.0	0.0	0.0	583.9	639.1	722.6	862.4	0.0	0.0	10.1	2.7	24.1	0.7
03	54.5	28.5	41.5	4.9	3.5	3.9	15.1	9.6	4.5	1.1	0.1	0.1	433.5	490.0	577.9	729.5	0.0	0.0	19.5	0.8	20.2	0.2
04	66.9	37.6	52.2	3.1	2.2	2.4	79.6	58.4	33.9	9.4	1.1	0.3	162.1	200.9	266.4	391.9	0.0	0.3	27.7	0.0	9.0	0.0
05	75.3	48.5	61.9	3.9	4.1	3.7	239.3	192.9	132.9	59.3	17.1	8.8	25.5	41.1	74.0	155.4	0.0	2.0	31.0	0.0	1.2	0.0
06	83.1	57.6	70.4	2.3	1.7	1.6	460.9	401.9	315.5	183.9	79.9	50.3	0.5	1.5	5.1	23.5	0.1	6.4	30.0	0.0	0.0	0.0
07	87.0	61.3	74.1	2.6	2.5	2.3	593.6	531.6	438.6	285.2	145.9	100.0	0.0	0.0	0.0	1.6	0.3	10.8	31.0	0.0	0.0	0.0
08	85.5	60.1	72.8	2.3	2.2	2.0	551.7	489.7	397.0	245.4	113.6	73.7	0.0	0.0	0.3	3.7	0.0	8.0	31.0	0.0	0.0	0.0
09	79.4	52.4	65.9	3.6	2.4	2.3	333.6	278.9	202.6	97.8	32.1	17.9	6.7	12.0	25.7	70.9	0.0	3.6	30.0	0.0	0.1	0.0
10	68.6	40.6	54.6	3.0	2.8	2.2	95.2	67.6	37.5	11.5	1.7	0.6	107.7	142.1	205.0	334.0	0.0	0.1	29.6	0.0	6.1	0.0
11	56.0	29.8	42.9	4.9	3.1	3.6	12.4	7.4	3.0	0.3	0.0	0.0	375.3	430.2	515.9	663.2	0.0	0.0	20.3	0.2	18.4	0.0
12	45.7	23.7	34.7	4.8	3.4	4.0	2.1	1.0	0.2	0.0	0.0	0.0	631.2	692.2	784.4	939.2	0.0	0.0	11.2	2.6	25.3	0.2
Summary	65.9	40.2	53.0	3.8	3.1	3.1	2386	2040	1566	894	392	252	3064	3448	4068	5221	0.4	31.2	280.1	12.6	130.8	2.2

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	2.17	7.6	4.9	1.5	0.2	1.29	1.96	2.85
02	1.71	6.8	4.1	0.9	0.3	0.83	1.23	2.39
03	2.86	9.2	6.1	2.2	0.6	2.21	2.76	3.28
04	3.09	10.7	7.4	1.8	0.5	2.09	3.13	3.90
05	3.78	12.3	8.0	2.4	0.7	2.59	3.58	5.05
06	3.69	10.8	7.1	2.5	1.0	2.51	3.90	4.58
07	4.37	10.4	7.1	2.9	1.0	3.25	4.42	5.47
08	3.26	9.9	7.0	2.1	0.5	2.11	2.94	4.31
09	3.45	8.4	5.6	2.1	0.9	1.51	3.14	4.53
10	2.47	7.6	4.9	1.5	0.4	1.52	2.49	3.62
11	2.04	6.9	4.5	1.4	0.3	1.33	1.72	2.54
12	2.30	7.6	4.7	1.4	0.3	1.74	2.21	2.79
Summary	35.19	108.2	71.4	22.7	6.7	22.98	33.48	45.31

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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	6.60	2.3	1.9	0.8	0.4	0.0					2.30	3.00	7.80
02	4.90	1.9	1.8	0.9	0.3	0.0					1.30	4.50	6.90
03	4.20	1.2	1.1	0.6	0.2	0.0					0.00	1.00	4.50
04	0.00	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.80	0.2	0.1	0.1	0.0	0.0					0.00	0.00	0.00
12	4.90	1.4	1.1	0.4	0.2	0.1					0.00	2.80	7.00
Summary	21.4	7.0	6.0	2.8	1.1	0.1	0.0	0.0	0.0	0.0	3.6	11.3	26.2

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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	34.3	47.0	149.6	380.2	678.9	910.3	1058.5	1016.6	776.8	456.2	160.0	49.3
45	14.1	19.4	81.7	254.7	524.3	760.3	903.5	861.6	626.9	313.7	83.1	20.6
50	5.4	7.1	38.8	151.8	374.5	610.3	748.5	706.6	477.8	188.7	36.2	7.6
55	1.4	1.5	15.1	79.6	239.3	460.9	593.6	551.7	333.6	95.2	12.4	2.1
60	0.1	0.2	4.5	33.9	132.9	315.5	438.6	397.0	202.6	37.5	3.0	0.2
Growing Degree Units for Corn (Monthly)												
50/86	30.3	46.0	121.5	265.1	429.1	594.4	705.4	676.1	497.1	301.8	126.6	43.2

Growing Degree Units (Accumulated Monthly)												
40	34	81	231	611	1290	2200	3259	4275	5052	5508	5668	5718
45	14	34	115	370	894	1654	2558	3420	4046	4360	4443	4464
50	5	12	51	203	578	1188	1936	2643	3121	3310	3346	3353
55	1	3	18	98	337	798	1391	1943	2277	2372	2384	2386
60	0	0	5	39	172	487	926	1323	1525	1563	1566	1566
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	76	198	463	892	1486	2192	2868	3365	3667	3793	3837

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