

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 3090 ft. Lat: 38.2061° N Lon: 80.5206° W

Station: RICHWOOD 1SSE, WV US USC00467513

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	37.6	19.9	28.7	4.1	5.2	4.5	0.7	0.3	0.1	0.0	0.0	0.0	814.2	875.8	968.6	1123.5	0.0	0.0	6.8	11.9	25.6	1.9
02	40.6	21.7	31.1	4.9	5.2	4.8	1.2	0.6	0.1	0.0	0.0	0.0	668.8	724.3	807.8	947.7	0.0	0.0	7.3	7.9	23.1	1.1
03	48.4	29.1	38.8	4.7	4.1	4.3	13.5	8.5	3.8	0.4	0.0	0.0	517.2	574.2	662.4	814.1	0.0	0.0	15.1	3.8	18.9	0.0
04	60.1	39.2	49.6	3.4	2.7	2.9	65.8	46.1	24.9	5.8	0.6	0.1	226.3	266.7	335.5	466.3	0.0	0.0	24.0	0.7	9.0	0.0
05	68.4	48.2	58.3	3.4	3.7	3.4	166.8	128.9	80.5	24.6	3.5	1.4	64.6	88.7	133.2	232.3	0.0	0.0	29.8	0.0	1.1	0.0
06	74.2	55.7	65.0	1.8	2.4	1.9	304.4	249.3	172.3	69.0	13.2	4.0	6.0	10.8	23.8	70.5	0.0	0.0	30.0	0.0	0.0	0.0
07	77.7	59.8	68.7	2.6	2.1	2.3	426.2	364.5	273.1	134.1	37.1	16.0	0.1	0.4	1.9	18.0	0.0	0.0	31.0	0.0	0.0	0.0
08	76.7	58.8	67.7	2.1	2.1	1.9	395.3	333.6	243.2	110.1	27.5	11.5	0.1	0.5	3.0	24.9	0.0	0.1	31.0	0.0	0.0	0.0
09	72.1	52.9	62.5	2.8	3.0	2.6	242.8	192.5	125.2	44.1	8.0	2.6	17.9	27.6	50.3	119.2	0.0	0.0	29.8	0.0	0.2	0.0
10	62.6	42.7	52.6	2.8	3.4	2.7	84.5	60.5	31.5	6.7	0.5	0.1	157.3	195.4	259.4	389.6	0.0	0.0	27.0	0.3	5.4	0.0
11	51.2	32.7	42.0	5.0	3.6	4.2	14.2	8.5	3.5	0.7	0.1	0.0	405.6	459.9	544.9	692.1	0.0	0.0	17.7	2.6	15.0	0.0
12	42.0	25.1	33.6	5.4	4.9	5.0	2.6	1.3	0.4	0.0	0.0	0.0	667.5	728.2	820.3	974.9	0.0	0.0	9.1	8.7	23.6	0.5
Summary	59.3	40.5	49.9	3.6	3.5	3.4	1718	1395	959	396	90	36	3546	3952	4611	5873	0.0	0.1	258.6	35.9	121.9	3.5

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	4.32	15.0	12.5	2.7	0.6	3.51	4.06	5.33
02	3.95	12.5	10.5	2.0	0.3	2.81	3.65	4.99
03	5.29	12.7	11.2	3.7	1.0	4.39	5.26	6.02
04	4.77	10.6	9.6	3.2	0.7	3.40	4.77	5.91
05	5.83	12.0	11.1	4.3	1.5	4.19	5.79	7.34
06	5.16	11.4	10.3	3.9	1.3	4.04	5.02	5.93
07	5.99	11.0	9.9	4.5	1.6	4.62	5.75	6.88
08	4.38	8.7	7.7	3.2	1.1	3.25	4.07	5.27
09	4.17	8.2	7.4	2.6	1.2	2.48	3.79	5.12
10	3.57	8.1	7.3	2.4	0.3	2.06	3.87	4.93
11	3.87	9.7	8.5	2.9	0.8	2.30	3.52	4.87
12	4.54	12.8	10.9	3.1	0.9	3.80	4.62	5.26
Summary	55.84	132.7	116.9	38.5	11.3	40.85	54.17	67.85

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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	26.10	8.3	8.2	3.9	1.8	0.1	18.3	14.6	10.0	3.7	21.00	26.40	33.30
02	21.90	6.8	6.6	2.9	1.5	0.2	14.5	10.9	7.7	3.0	12.00	16.90	26.70
03	16.00	4.7	4.6	2.2	1.0	0.2	8.3	6.2	4.2	1.7	11.40	15.30	18.30
04	5.30	1.4	1.3	0.6	0.3	0.0	1.9	1.2	0.8	0.1	0.00	5.90	8.70
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	1.10	0.4	0.4	0.2	0.0	0.0	0.6	0.3	0.1	0.0	0.00	0.00	1.20
11	7.50	2.4	2.4	1.0	0.4	0.1	3.9	2.4	1.2	0.5	1.00	4.20	12.10
12	22.10	6.8	6.6	3.2	1.1	0.3	13.1	9.1	6.2	2.7	11.30	18.20	34.10
Summary	100.0	30.8	30.1	14.0	6.1	0.9	60.6	44.7	30.2	11.7	56.7	86.9	134.4

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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	35.8	37.7	131.5	327.8	568.9	748.4	891.1	860.1	675.0	408.1	170.7	65.0
45	15.2	15.1	73.1	217.7	419.5	598.5	736.1	705.1	525.9	276.1	94.8	29.8
50	5.3	4.5	35.3	129.2	281.3	449.3	581.1	550.2	380.0	165.9	42.1	10.7
55	0.7	1.2	13.5	65.8	166.8	304.4	426.2	395.3	242.8	84.5	14.2	2.6
60	0.1	0.1	3.8	24.9	80.5	172.3	273.1	243.2	125.2	31.5	3.5	0.4
Growing Degree Units for Corn (Monthly)												
50/86	16.8	20.6	74.8	190.2	329.4	459.7	581.3	551.5	403.6	227.5	90.2	30.7

Growing Degree Units (Accumulated Monthly)												
40	36	74	205	533	1102	1850	2741	3601	4276	4684	4855	4920
45	15	30	103	321	741	1339	2075	2780	3306	3582	3677	3707
50	5	10	45	174	456	905	1486	2036	2416	2582	2624	2635
55	1	2	15	81	248	552	979	1374	1617	1701	1715	1718
60	0	0	4	29	109	282	555	798	923	955	958	959
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	37	112	302	632	1092	1673	2224	2628	2855	2946	2976

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

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