

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1979 ft. Lat: 38.8853° N Lon: 79.8528° W

Station: ELKINS RANDOLPH CO AP, WV US USW00013729

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	41.5	20.0	30.8	4.8	4.9	4.7	1.5	0.6	0.0	0.0	0.0	0.0	753.2	814.2	906.7	1061.7	0.0	0.0	8.0	9.2	25.9	3.0
02	45.1	22.0	33.5	5.2	5.3	5.1	2.0	1.0	0.2	0.0	0.0	0.0	602.6	657.6	740.8	880.6	0.0	0.0	9.9	5.8	23.4	1.6
03	53.5	28.5	41.0	5.3	3.4	4.2	13.2	8.3	3.4	0.3	0.0	0.0	447.2	504.3	592.3	744.2	0.0	0.0	18.0	2.0	20.5	0.3
04	65.6	37.3	51.5	3.1	2.5	2.6	66.4	46.0	23.8	4.7	0.3	0.1	172.9	212.5	280.3	411.2	0.0	0.0	26.2	0.1	10.4	0.0
05	73.4	47.0	60.2	3.6	3.9	3.5	201.4	157.9	103.5	38.1	5.9	1.8	40.2	58.7	97.3	187.0	0.0	0.1	30.6	0.0	2.1	0.0
06	80.2	55.5	67.8	1.9	2.1	1.6	387.0	329.0	244.7	121.9	37.5	17.8	1.5	3.5	9.3	36.4	0.0	0.4	30.0	0.0	0.0	0.0
07	83.2	59.6	71.4	2.6	2.2	2.2	508.4	446.4	353.7	204.8	81.5	45.6	0.0	0.0	0.3	6.4	0.0	1.9	31.0	0.0	0.0	0.0
08	82.1	58.4	70.2	2.2	2.4	2.0	472.8	410.9	318.5	172.5	61.3	32.8	0.0	0.1	0.8	9.8	0.0	1.1	31.0	0.0	0.0	0.0
09	76.6	51.5	64.1	3.0	2.6	2.4	283.7	231.6	159.7	67.5	17.1	7.9	12.2	20.1	38.3	96.0	0.0	0.2	30.0	0.0	0.2	0.0
10	66.3	39.1	52.7	2.7	3.2	2.3	74.7	51.7	26.7	6.8	1.0	0.4	146.0	185.0	253.0	388.1	0.0	0.1	28.4	0.0	8.6	0.0
11	54.8	29.9	42.3	4.7	3.0	3.5	10.6	5.9	2.0	0.3	0.0	0.0	390.1	445.4	531.5	679.8	0.0	0.0	19.1	1.3	19.8	0.0
12	45.2	24.1	34.7	5.4	3.7	4.4	3.0	1.6	0.4	0.0	0.0	0.0	633.8	694.5	786.2	940.8	0.0	0.0	10.8	6.0	25.2	0.7
Summary	64.0	39.4	51.7	3.7	3.3	3.2	2025	1691	1237	617	205	106	3200	3596	4237	5442	0.0	3.8	273.0	24.4	136.1	5.6

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	3.36	17.3	8.2	1.6	0.4	2.59	3.13	4.08	
02	3.26	15.5	8.3	1.7	0.5	2.42	2.89	4.02	
03	3.98	16.6	10.0	2.4	0.3	3.06	3.73	4.82	
04	4.10	15.1	9.5	2.5	0.7	2.98	3.94	4.95	
05	5.14	16.0	10.5	3.2	0.9	3.81	4.68	6.02	
06	4.48	14.6	9.3	2.8	1.1	3.12	4.49	5.49	
07	5.99	14.9	10.2	4.3	1.6	4.34	5.88	7.44	
08	3.87	12.7	7.9	2.6	0.7	2.46	3.63	5.00	
09	3.51	10.6	6.6	2.1	0.9	1.92	2.91	4.84	
10	3.08	11.4	6.6	2.1	0.4	1.69	2.73	4.35	
11	2.87	12.2	6.8	1.9	0.3	2.00	2.68	4.01	
12	3.57	16.3	8.6	2.0	0.4	2.48	3.41	4.65	
Summary	47.21	173.2	102.5	29.2	8.2	32.87	44.10	59.67	

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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	20.30	11.0	6.8	2.4	0.7	0.1	15.2	9.1	4.9	0.9	12.40	19.50	25.30
02	15.40	8.8	5.5	1.8	0.5	0.0	10.8	6.2	3.8	1.2	7.80	11.90	20.20
03	11.40	5.8	3.6	1.4	0.6	0.1	6.2	3.1	1.6	0.4	3.00	7.50	17.40
04	2.30	1.8	0.9	0.2	0.1	0.0	0.9	0.2	0.0	0.0	0.00	0.70	3.20
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	0.90	0.4	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.1	0.00	0.00	0.10
11	4.10	2.7	1.7	0.4	0.1	0.0	2.6	0.7	0.2	0.0	0.50	3.40	5.80
12	14.50	7.8	4.7	1.8	0.6	0.0	9.3	4.9	2.1	0.2	5.80	13.50	21.20
Summary	68.9	38.3	23.4	8.1	2.7	0.2	45.2	24.3	12.7	2.8	29.5	56.5	93.2

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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	45.7	51.8	148.9	359.4	626.4	835.4	973.3	937.6	721.4	401.7	153.4	62.6
45	20.2	22.0	80.7	236.3	473.3	685.4	818.3	782.7	571.9	266.3	79.6	28.8
50	7.1	7.8	36.7	136.3	328.6	535.6	663.3	627.7	424.0	154.2	34.9	10.4
55	1.5	2.0	13.2	66.4	201.4	387.0	508.4	472.8	283.7	74.7	10.6	3.0
60	0.0	0.2	3.4	23.8	103.5	244.7	353.7	318.5	159.7	26.7	2.0	0.4
Growing Degree Units for Corn (Monthly)												
50/86	32.1	44.2	115.7	248.5	396.6	543.9	652.3	621.3	457.0	268.6	118.9	45.9

Growing Degree Units (Accumulated Monthly)												
40	46	98	246	606	1232	2068	3041	3978	4700	5102	5255	5318
45	20	42	123	359	832	1518	2336	3119	3691	3957	4037	4066
50	7	15	52	188	516	1052	1715	2343	2767	2921	2956	2967
55	2	4	17	83	284	672	1180	1653	1936	2011	2022	2025
60	0	0	4	27	131	376	729	1048	1208	1234	1236	1237
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	32	76	192	440	837	1381	2033	2655	3112	3380	3499	3545

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