

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4550 ft. Lat: 41.6331° N Lon: 103.9542° W
Station: **HARRISBURG 12WNW, NE US USC00253605**
Generated on 06/03/2024

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	41.2	13.9	27.5	4.4	3.2	3.5	0.1	0.0	0.0	0.0	0.0	0.0	851.1	913.0	1006.0	1161.0	0.0	0.0	8.3	7.2	30.1	4.3
02	43.2	14.9	29.1	5.7	4.8	5.1	0.1	0.0	0.0	0.0	0.0	0.0	726.4	782.3	866.4	1006.4	0.0	0.0	9.6	6.2	27.1	3.2
03	52.5	22.2	37.4	4.8	3.0	3.6	2.5	1.1	0.1	0.0	0.0	0.0	549.8	610.4	702.4	857.2	0.0	0.0	18.7	2.5	27.2	0.8
04	59.5	29.0	44.2	3.7	2.5	2.8	13.6	7.4	2.5	0.4	0.0	0.0	336.0	389.8	474.9	622.8	0.0	0.0	23.2	1.2	19.0	0.1
05	68.7	39.2	54.0	4.5	1.9	2.9	97.5	70.0	38.5	10.6	1.8	0.7	130.1	164.6	226.0	353.2	0.0	0.6	28.9	0.0	6.1	0.0
06	80.8	48.4	64.6	4.0	2.4	3.0	302.1	249.6	177.3	82.0	27.0	15.2	14.1	21.7	39.3	94.1	0.6	5.1	29.8	0.0	0.5	0.0
07	88.4	55.2	71.8	3.5	2.4	2.8	521.2	459.8	368.7	224.5	105.1	69.2	0.6	1.2	3.1	13.9	1.8	15.3	31.0	0.0	0.0	0.0
08	86.9	52.7	69.8	3.1	2.2	2.5	461.5	401.6	313.5	176.6	69.9	41.5	2.9	4.9	9.8	27.9	0.3	12.7	31.0	0.0	0.1	0.0
09	78.0	42.6	60.3	3.2	2.7	2.6	209.0	167.2	111.7	44.7	11.0	5.0	50.1	68.3	102.8	185.8	0.1	4.5	29.3	0.0	3.2	0.0
10	63.3	30.0	46.7	4.8	3.1	3.6	29.3	18.0	7.3	0.8	0.0	0.0	288.1	338.7	421.1	569.5	0.0	0.0	25.3	0.9	17.3	0.2
11	51.1	20.4	35.7	5.7	3.2	4.2	2.5	1.2	0.2	0.0	0.0	0.0	580.0	638.7	727.7	877.5	0.0	0.0	16.5	3.3	26.9	1.3
12	41.3	13.4	27.3	4.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	856.9	918.8	1011.9	1166.9	0.0	0.0	8.4	7.7	30.1	4.4
Summary	62.9	31.8	47.4	4.3	2.9	3.3	1639	1376	1020	540	215	132	4386	4852	5591	6936	2.8	38.2	260.0	29.0	187.6	14.3

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	0.31	4.1	1.1	0.0	0.0	0.14	0.25	0.42	
02	0.52	5.3	2.0	0.1	0.0	0.29	0.45	0.70	
03	1.02	5.6	2.4	0.5	0.1	0.48	0.93	1.17	
04	1.80	8.7	4.8	0.8	0.2	0.94	1.40	2.70	
05	2.71	10.4	6.5	1.5	0.6	1.50	2.15	4.12	
06	2.41	9.2	5.6	1.4	0.5	1.25	2.27	3.66	
07	1.89	7.4	3.9	1.1	0.3	1.14	1.57	2.31	
08	1.81	6.6	3.9	1.2	0.3	0.90	1.57	2.17	
09	1.45	5.7	3.6	0.8	0.2	0.72	1.31	1.81	
10	1.45	6.4	3.6	0.9	0.2	0.75	1.19	2.06	
11	0.66	4.2	1.9	0.2	0.1	0.36	0.51	0.79	
12	0.49	4.6	1.9	0.1	0.0	0.22	0.37	0.61	
Summary	16.52	78.2	41.2	8.6	2.5	8.69	13.97	22.52	

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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	5.50	3.8	2.2	0.6	0.2	0.0	12.9	7.4	5.3	0.4	2.40	5.20	8.40
02	8.20	5.5	3.4	0.8	0.2	0.0	11.7	5.8	2.5	0.2	5.30	7.40	10.40
03	7.10	3.8	2.6	0.7	0.3	0.0	6.7	3.5	1.6	0.1	4.10	6.10	8.00
04	6.00	2.4	2.0	0.7	0.3	0.0	3.1	1.6	0.8	0.2	1.30	4.10	9.80
05	1.60	0.7	0.5	0.2	0.1	0.0	0.7	0.4	0.2	0.0	0.00	0.00	1.90
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	0.60	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
10	4.20	1.4	1.0	0.5	0.3	0.0	2.3	1.3	1.0	0.3	0.00	2.00	6.00
11	5.00	2.9	2.0	0.4	0.2	0.0	5.4	2.2	1.4	0.1	2.20	4.00	7.80
12	8.40	4.5	3.0	0.7	0.2	0.1	13.4	6.8	3.5	0.8	3.00	6.70	10.60
Summary	46.6	25.2	16.9	4.7	1.8	0.1	56.4	29.1	16.4	2.1	18.3	35.5	62.9

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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	14.2	22.1	91.7	193.2	441.4	737.9	985.4	923.6	611.4	261.3	81.9	16.2
45	3.0	6.4	38.9	104.1	304.3	588.5	830.5	768.6	466.5	155.0	35.3	4.5
50	0.5	1.2	11.9	44.3	187.6	441.7	675.4	614.3	329.8	76.4	11.1	0.9
55	0.1	0.1	2.5	13.6	97.5	302.1	521.2	461.5	209.0	29.3	2.5	0.0
60	0.0	0.0	0.1	2.5	38.5	177.3	368.7	313.5	111.7	7.3	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	24.8	37.8	111.2	172.8	297.1	465.6	614.4	581.7	414.5	229.1	99.7	29.1

Growing Degree Units (Accumulated Monthly)												
40	14	36	128	321	763	1500	2486	3410	4021	4282	4364	4380
45	3	9	48	152	457	1045	1876	2644	3111	3266	3301	3306
50	0	2	14	58	246	687	1363	1977	2307	2383	2394	2395
55	0	0	3	16	114	416	937	1399	1608	1637	1639	1639
60	0	0	0	3	41	218	587	901	1012	1020	1020	1020
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	25	63	174	347	644	1109	1724	2305	2720	2949	3049	3078

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