

Summary of Monthly Normals
1991-2020

Generated on 04/17/2024

Current Location: Elev: 680 ft. Lat: 40.0592° N Lon: 77.5214° W
Station: SHIPPENSBURG, PA US USC00368073

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	38.3	22.1	30.2	4.5	4.5	4.4	0.7	0.3	0.1	0.0	0.0	0.0	769.3	830.9	923.6	1078.6	0.0	0.0	4.4	9.4	26.0	0.4
02	42.0	23.8	32.9	4.8	4.3	4.4	1.1	0.6	0.2	0.0	0.0	0.0	619.8	675.3	758.8	898.7	0.0	0.0	6.2	5.2	23.4	0.2
03	51.4	30.7	41.0	4.7	3.4	3.9	12.0	7.7	3.7	0.8	0.0	0.0	444.4	502.1	591.0	743.1	0.0	0.0	15.8	1.4	17.7	0.0
04	64.2	40.8	52.5	3.0	2.1	2.4	76.7	57.0	34.7	12.1	3.4	1.9	151.7	192.0	259.7	387.2	0.0	0.3	26.5	0.0	4.3	0.0
05	74.2	50.7	62.5	3.7	3.5	3.4	252.0	204.1	142.4	67.2	24.2	14.4	21.0	35.2	66.5	146.3	0.0	2.0	30.9	0.0	0.2	0.0
06	82.9	59.6	71.3	2.6	1.4	1.8	488.0	428.8	341.7	207.2	98.7	66.1	0.6	1.4	4.3	19.8	0.1	5.7	30.0	0.0	0.0	0.0
07	87.4	64.0	75.7	3.1	2.3	2.6	641.6	579.5	486.5	332.3	187.7	137.9	0.0	0.0	0.0	0.8	0.5	11.4	31.0	0.0	0.0	0.0
08	85.3	62.1	73.7	2.6	2.3	2.3	579.6	517.6	424.7	273.5	139.7	96.0	0.0	0.1	0.3	3.9	0.1	7.7	31.0	0.0	0.0	0.0
09	77.7	54.7	66.2	3.0	2.3	2.2	342.1	287.3	210.6	107.0	39.3	23.2	6.2	11.4	24.7	71.0	0.0	2.3	30.0	0.0	0.0	0.0
10	65.8	43.7	54.8	2.9	2.7	2.4	95.4	68.9	38.8	13.6	3.6	1.8	103.1	138.7	201.5	331.3	0.0	0.1	29.4	0.0	1.8	0.0
11	53.4	34.0	43.7	4.7	2.7	3.5	10.9	6.2	2.1	0.1	0.0	0.0	349.9	405.1	491.0	639.1	0.0	0.0	18.3	0.4	13.4	0.0
12	42.3	26.6	34.5	4.4	3.5	3.9	1.5	0.8	0.3	0.0	0.0	0.0	638.5	699.8	792.1	946.9	0.0	0.0	6.2	4.7	23.9	0.0
Summary	63.7	42.7	53.2	3.7	2.9	3.1	2502	2159	1686	1014	497	341	3104	3492	4114	5267	0.7	29.5	259.7	21.1	110.7	0.6

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	3.17	10.9	6.4	2.3	0.6	2.17	2.68	3.65
02	2.66	9.8	5.9	1.6	0.6	1.70	2.17	3.33
03	3.70	10.7	7.3	2.4	0.8	2.54	3.77	4.40
04	3.64	11.6	7.3	2.2	0.8	2.53	3.25	4.26
05	4.01	13.2	7.8	2.8	0.8	2.70	3.87	5.26
06	4.00	11.7	7.4	2.8	0.9	2.41	3.69	5.26
07	3.98	10.5	6.5	2.7	1.1	2.22	3.73	5.32
08	3.34	10.0	6.3	2.1	0.7	2.02	3.35	4.63
09	4.32	9.5	6.2	2.6	1.3	1.78	3.82	6.13
10	3.33	9.3	5.5	2.3	1.0	1.62	3.19	5.06
11	2.98	8.9	5.5	2.0	0.9	1.97	2.55	3.63
12	3.36	9.8	6.7	2.1	0.8	2.42	3.05	4.40
Summary	42.49	125.9	78.8	27.9	10.3	26.08	39.12	55.33

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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	9.80	5.2	2.3	1.0	0.4	0.2	11.2	6.1	3.6	1.4	3.30	5.80	12.50
02	10.30	4.9	2.7	1.2	0.6	0.1	12.1	9.4	6.3	2.6	5.30	7.00	10.50
03	6.70	2.6	1.7	0.6	0.4	0.1	5.4	3.6	2.6	1.3	0.80	3.30	10.10
04	0.40	0.2	0.1	0.1	0.0	0.0	0.1	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	0.20	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	0.80	0.8	0.3	0.1	0.1	0.0	0.8	0.4	0.2	0.0	0.00	0.00	0.80
12	5.40	2.6	1.3	0.8	0.4	0.1	5.1	3.4	1.6	0.0	0.20	3.10	9.60
Summary	33.6	16.4	8.4	3.8	1.9	0.5	34.8	23.0	14.3	5.3	9.6	19.2	43.5

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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	23.6	31.8	133.5	383.0	696.0	937.4	1106.5	1044.5	785.9	458.8	168.2	39.9
45	8.8	11.9	69.3	254.5	541.5	787.4	951.5	889.6	636.0	313.2	86.1	15.8
50	2.5	4.0	31.4	149.7	390.2	637.5	796.6	734.6	487.0	187.4	35.9	5.4
55	0.7	1.1	12.0	76.7	252.0	488.0	641.6	579.6	342.1	95.4	10.9	1.5
60	0.1	0.2	3.7	34.7	142.4	341.7	486.5	424.7	210.6	38.8	2.1	0.3
Growing Degree Units for Corn (Monthly)												
50/86	13.7	22.8	86.4	230.5	424.1	617.3	746.6	701.1	495.9	265.5	94.3	20.9
Growing Degree Units (Accumulated Monthly)												
40	24	55	189	572	1268	2205	3312	4356	5142	5601	5769	5809
45	9	21	90	344	886	1673	2625	3514	4150	4464	4550	4566
50	2	6	38	188	578	1215	2012	2746	3234	3421	3457	3462
55	1	2	14	90	342	830	1472	2052	2394	2489	2500	2502
60	0	0	4	39	181	523	1009	1434	1645	1683	1685	1686
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	36	123	353	778	1395	2141	2842	3338	3604	3698	3719

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