

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 341 ft. Lat: 40.3667° N Lon: 75.9667° W
Station: **READING SPAATZ FLD, PA US USW00014712**

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	38.6	23.0	30.8	4.6	4.4	4.5	0.2	0.1	0.0	0.0	0.0	0.0	750.2	812.2	905.0	1060.0	0.0	0.0	4.6	9.5	26.1	0.3
02	41.9	24.4	33.1	5.1	4.3	4.6	1.4	0.9	0.5	0.0	0.0	0.0	613.1	668.7	752.2	891.8	0.0	0.0	5.4	5.2	23.5	0.2
03	51.0	31.9	41.5	4.7	3.4	3.9	11.0	6.8	3.0	0.4	0.0	0.0	431.0	488.8	578.0	730.5	0.0	0.0	15.3	1.0	17.4	0.0
04	63.4	41.7	52.5	2.8	2.3	2.5	74.3	54.4	32.6	11.3	3.2	1.6	147.8	187.9	256.1	384.8	0.0	0.2	26.7	0.0	3.9	0.0
05	73.5	51.5	62.5	3.4	3.3	3.1	250.6	201.8	139.9	64.2	22.1	12.2	18.2	31.3	62.4	141.7	0.0	1.5	31.0	0.0	0.1	0.0
06	82.0	61.2	71.6	2.2	1.2	1.6	498.3	439.0	351.3	214.5	103.9	69.6	0.4	1.0	3.4	16.6	0.0	4.2	30.0	0.0	0.0	0.0
07	86.5	65.8	76.1	3.0	2.2	2.5	655.6	593.6	500.6	345.9	198.9	147.4	0.0	0.0	0.0	0.4	0.5	10.5	31.0	0.0	0.0	0.0
08	84.4	64.1	74.3	2.2	2.2	2.1	596.7	534.8	441.8	289.3	150.2	103.7	0.0	0.0	0.1	2.6	0.1	5.4	31.0	0.0	0.0	0.0
09	77.1	56.6	66.9	2.9	2.4	2.3	359.6	303.5	224.4	115.0	44.7	27.4	4.2	8.0	18.9	59.5	0.0	1.9	30.0	0.0	0.0	0.0
10	65.4	45.0	55.2	2.7	2.9	2.6	105.2	76.5	43.6	15.0	3.6	1.5	99.0	132.2	192.3	318.8	0.0	0.1	30.0	0.0	1.4	0.0
11	53.8	35.4	44.6	3.9	2.6	3.1	13.0	7.2	2.2	0.2	0.0	0.0	325.0	379.2	464.2	612.2	0.0	0.0	20.0	0.1	12.0	0.0
12	43.4	28.0	35.7	4.4	3.6	3.9	2.0	1.0	0.0	0.0	0.0	0.0	600.3	661.3	753.3	908.3	0.0	0.0	7.8	4.0	22.9	0.0
Summary	63.4	44.1	53.7	3.5	2.9	3.1	2568	2220	1740	1056	527	363	2989	3371	3986	5127	0.6	23.8	262.8	19.8	107.3	0.5

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	2.97	10.3	6.1	1.9	0.6	2.27	2.69	3.53	
02	2.61	10.2	5.7	1.7	0.4	1.52	2.29	3.19	
03	3.53	10.7	6.3	2.3	0.6	2.30	3.66	4.32	
04	3.35	11.6	7.0	2.0	0.7	2.31	2.76	4.61	
05	3.51	12.5	7.0	2.8	0.9	2.44	3.53	4.40	
06	4.77	12.4	7.8	3.1	1.2	3.26	4.69	5.85	
07	4.77	10.7	7.4	3.0	1.6	3.48	4.55	6.42	
08	4.49	11.2	7.4	3.0	1.5	3.08	3.87	4.77	
09	4.88	9.1	6.1	3.1	1.7	3.24	4.01	6.45	
10	3.80	10.1	6.6	2.5	0.9	2.21	3.12	4.76	
11	3.02	8.9	5.2	2.0	0.6	1.82	2.57	4.13	
12	3.51	10.8	7.0	2.7	0.6	2.59	3.34	4.21	
Summary	45.21	128.5	79.6	30.1	11.3	30.52	41.08	56.64	

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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	24.4	33.3	136.9	382.4	697.5	947.9	1120.5	1061.6	805.4	472.1	181.7	54.6
45	7.9	12.8	70.0	252.0	542.8	798.0	965.6	906.7	655.5	324.9	94.0	21.9
50	1.8	4.3	30.6	146.9	390.6	648.0	810.6	751.7	506.1	199.7	39.9	7.4
55	0.2	1.4	11.0	74.3	250.6	498.3	655.6	596.7	359.6	105.2	13.0	2.0
60	0.0	0.5	3.0	32.6	139.9	351.3	500.6	441.8	224.4	43.6	2.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.2	21.6	78.7	219.5	423.7	632.2	770.1	727.6	512.4	266.2	94.4	24.9

Growing Degree Units (Accumulated Monthly)												
40	24	58	195	577	1274	2222	3343	4404	5210	5682	5864	5918
45	8	21	91	343	886	1684	2649	3556	4211	4536	4630	4652
50	2	6	37	184	574	1222	2033	2784	3291	3490	3530	3538
55	0	2	13	87	338	836	1491	2088	2448	2553	2566	2568
60	0	0	4	36	176	527	1028	1470	1694	1738	1740	1740
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	35	114	333	757	1389	2159	2887	3399	3665	3760	3784

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