

Summary of Monthly Normals
1991-2020

Current Location: Elev: 670 ft. Lat: 39.6200° N Lon: 90.8033° W
Station: PITTSFIELD #2, IL US USC00116837

Generated on 05/23/2024

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	36.5	18.5	27.5	4.2	4.6	4.3	0.6	0.4	0.1	0.0	0.0	0.0	852.6	914.4	1007.1	1162.0	0.0	0.0	5.3	12.1	27.7	3.0
02	41.9	22.3	32.1	5.7	5.9	5.6	2.5	1.3	0.2	0.0	0.0	0.0	643.6	698.4	781.3	921.1	0.0	0.0	7.2	7.6	23.4	1.6
03	53.0	31.5	42.2	5.1	4.4	4.6	26.6	18.7	10.3	3.0	0.3	0.1	421.8	475.9	560.5	708.2	0.0	0.0	17.1	1.7	17.8	0.1
04	65.8	42.4	54.1	3.7	3.2	3.3	111.6	85.2	54.2	21.7	6.6	3.5	138.7	172.3	231.3	348.8	0.0	0.1	26.9	0.0	5.0	0.0
05	75.4	53.9	64.6	3.5	3.6	3.4	316.0	264.6	195.1	104.7	43.6	27.3	16.9	27.5	51.0	115.6	0.0	0.9	31.0	0.0	0.2	0.0
06	84.1	63.0	73.6	2.7	2.4	2.4	556.4	496.8	408.6	268.4	147.4	107.4	0.1	0.5	2.4	12.1	0.1	6.7	30.0	0.0	0.0	0.0
07	87.5	66.1	76.8	3.2	2.3	2.6	675.7	613.7	520.7	367.2	223.9	172.3	0.0	0.0	0.0	1.5	1.0	11.1	31.0	0.0	0.0	0.0
08	86.5	63.7	75.1	2.8	3.0	2.6	622.8	560.9	468.1	315.4	176.7	129.9	0.0	0.0	0.3	2.5	0.3	7.7	31.0	0.0	0.0	0.0
09	80.1	54.8	67.4	3.5	3.7	3.4	379.7	324.7	247.5	141.2	65.9	44.9	6.4	11.3	24.1	67.9	0.0	4.5	30.0	0.0	0.0	0.0
10	67.9	43.8	55.8	2.8	2.7	2.5	133.1	103.4	67.7	28.0	9.3	5.7	106.8	139.0	196.4	311.7	0.0	0.2	28.9	0.0	3.7	0.0
11	53.8	33.3	43.5	5.6	3.6	4.2	23.1	15.3	7.6	2.0	0.5	0.2	366.6	418.8	501.1	645.5	0.0	0.0	18.0	1.0	15.5	0.0
12	41.5	23.7	32.6	4.6	4.4	4.3	1.9	1.0	0.3	0.0	0.0	0.0	696.1	757.3	849.5	1004.2	0.0	0.0	7.3	8.4	25.7	1.0
Summary	64.5	43.1	53.8	3.9	3.7	3.6	2850	2486	1980	1252	674	491	3250	3615	4205	5301	1.4	31.2	263.7	30.8	119.0	5.7

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	2.03	6.2	3.8	1.4	0.5	0.85	1.62	2.92	
02	2.14	6.5	4.4	1.5	0.4	1.57	1.99	2.63	
03	2.95	8.8	6.3	2.2	0.4	2.13	2.85	3.88	
04	4.14	10.7	7.5	2.8	1.0	2.93	3.89	5.25	
05	4.83	12.2	8.3	3.1	1.2	3.19	4.57	5.93	
06	5.01	10.3	7.2	3.5	1.6	2.63	4.24	6.85	
07	4.10	8.4	5.8	2.8	1.4	2.33	3.40	5.18	
08	3.43	7.7	5.0	2.6	1.3	2.18	3.14	4.54	
09	3.61	7.8	4.9	2.3	1.0	2.21	2.79	4.56	
10	3.01	8.4	5.5	1.8	0.6	1.72	2.59	3.78	
11	2.92	7.8	5.5	2.0	0.7	1.59	2.65	3.61	
12	2.33	6.8	4.4	1.3	0.5	1.17	2.00	2.81	
Summary	40.50	101.6	68.6	27.3	10.6	24.50	35.73	51.94	

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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	4.00	2.6	1.8	0.6	0.2	0.0	9.5	4.3	1.4	0.2	0.00	2.60	6.20
02	5.10	2.5	1.5	0.6	0.3	0.0	6.5	3.8	2.3	0.5	0.00	1.30	8.10
03	1.70	0.8	0.5	0.2	0.1	0.0	1.8	1.2	0.5	0.0	0.00	0.00	3.00
04	0.30	0.1	0.1	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.10	0.4	0.3	0.1	0.0	0.0	0.7	0.3	0.1	0.0	0.00	0.00	0.80
12	3.40	1.9	1.0	0.4	0.2	0.0	5.0	2.0	0.4	0.0	0.30	2.50	4.00
Summary	15.6	8.3	5.2	1.9	0.8	0.0	23.6	11.6	4.7	0.7	0.3	6.4	22.1

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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	25.0	48.8	171.2	433.7	764.1	1006.2	1140.7	1087.8	823.4	495.3	187.0	49.3
45	9.4	22.2	100.1	305.5	609.5	856.2	985.6	932.8	673.5	352.5	106.1	20.1
50	2.4	7.9	53.7	196.2	457.6	706.2	830.6	777.8	524.5	229.4	53.8	6.7
55	0.6	2.5	26.6	111.6	316.0	556.4	675.7	622.8	379.7	133.1	23.1	1.9
60	0.1	0.2	10.3	54.2	195.1	408.6	520.7	468.1	247.5	67.7	7.6	0.3
Growing Degree Units for Corn (Monthly)												
50/86	16.8	34.2	111.5	263.7	475.5	677.4	778.7	736.0	532.0	303.9	112.4	29.6
Growing Degree Units (Accumulated Monthly)												
40	25	74	245	679	1443	2449	3590	4678	5501	5996	6183	6232
45	9	32	132	437	1047	1903	2888	3821	4495	4847	4953	4974
50	2	10	64	260	718	1424	2255	3032	3557	3786	3840	3847
55	1	3	30	141	457	1014	1689	2312	2692	2825	2848	2850
60	0	0	11	65	260	668	1189	1657	1905	1973	1980	1980
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	51	162	426	902	1579	2358	3094	3626	3930	4042	4072

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