

Summary of Monthly Normals 1991-2020

Generated on 08/05/2024

Current Location: Elev: 790 ft. Lat: 39.7075° N Lon: 86.2803° W
 Station: **INDIANAPOLIS, IN US USW00093819**

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	36.1	20.9	28.5	4.7	5.2	4.9	0.9	0.4	0.2	0.0	0.0	0.0	822.2	883.7	976.4	1131.3	0.0	0.0	4.8	11.9	25.7	2.1
02	40.8	24.2	32.5	6.0	5.6	5.8	2.6	1.5	0.5	0.0	0.0	0.0	632.5	687.4	770.4	909.9	0.0	0.0	7.1	7.2	22.3	0.9
03	51.9	33.0	42.4	5.0	4.3	4.6	26.3	18.3	9.7	2.6	0.4	0.1	415.3	469.3	553.8	701.6	0.0	0.0	16.9	1.6	15.8	0.0
04	63.9	43.3	53.6	2.9	2.8	2.8	94.8	70.0	41.3	13.3	2.6	1.0	136.8	172.0	233.3	355.4	0.0	0.0	27.0	0.0	3.7	0.0
05	73.4	53.7	63.6	3.4	3.5	3.4	286.2	236.7	170.7	85.8	30.6	16.6	21.2	33.7	60.7	130.7	0.0	0.3	30.8	0.0	0.2	0.0
06	82.0	62.9	72.5	2.2	2.0	1.9	523.8	464.5	376.6	237.0	118.1	80.5	0.4	1.1	3.3	13.6	0.1	3.4	30.0	0.0	0.0	0.0
07	85.2	66.4	75.8	3.4	2.6	2.9	644.7	582.7	489.7	335.7	189.9	138.6	0.0	0.0	0.0	1.0	0.3	7.4	31.0	0.0	0.0	0.0
08	84.3	65.0	74.7	2.6	2.7	2.5	609.1	547.1	454.2	301.2	160.2	112.8	0.0	0.0	0.2	2.1	0.0	5.9	31.0	0.0	0.0	0.0
09	78.2	57.4	67.8	3.4	2.8	2.9	389.7	333.8	254.6	142.2	61.5	39.6	5.8	9.8	20.7	58.3	0.0	2.8	30.0	0.0	0.0	0.0
10	65.6	45.5	55.5	2.7	2.4	2.4	122.9	93.7	58.3	20.7	5.4	3.0	105.9	138.6	196.3	313.6	0.0	0.1	29.3	0.0	2.1	0.0
11	51.8	34.9	43.3	5.0	3.7	4.2	18.0	11.1	4.4	0.5	0.0	0.0	367.5	420.6	503.9	650.0	0.0	0.0	17.5	1.0	13.0	0.0
12	40.4	26.2	33.3	4.7	4.8	4.6	2.4	1.5	0.6	0.0	0.0	0.0	675.0	736.1	828.2	982.6	0.0	0.0	6.7	7.4	22.6	0.4
Summary	62.8	44.4	53.6	3.8	3.5	3.6	2721	2361	1861	1139	569	392	3183	3552	4147	5250	0.4	19.9	262.1	29.1	105.4	3.4

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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	3.12	12.3	6.3	2.1	0.7	1.86	2.49	4.29	
02	2.43	10.3	5.4	1.2	0.6	1.35	2.26	3.31	
03	3.69	11.5	6.7	2.8	0.8	2.44	3.73	4.67	
04	4.34	11.9	8.0	3.1	0.9	3.06	4.14	5.45	
05	4.75	13.3	8.9	3.2	1.1	2.94	4.54	6.33	
06	4.95	11.5	7.9	3.7	1.3	3.52	4.50	6.59	
07	4.42	10.3	6.6	2.7	1.3	2.67	3.58	6.05	
08	3.20	8.3	5.5	2.4	0.9	1.79	2.98	4.24	
09	3.14	7.9	4.7	1.9	0.9	1.16	2.36	4.68	
10	3.22	8.9	5.6	2.3	0.9	1.96	2.81	4.44	
11	3.45	10.2	6.0	2.3	0.9	2.62	3.06	3.96	
12	2.92	11.8	6.1	1.9	0.4	1.88	2.70	3.44	
Summary	43.63	128.2	77.7	29.6	10.7	27.25	39.15	57.45	

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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	8.80	7.0	2.6	0.8	0.3	0.0	10.8	5.9	2.8	0.4	3.30	6.50	12.60
02	6.00	5.8	1.7	0.6	0.3	0.0	7.1	4.0	2.6	0.3	2.10	3.80	5.60
03	3.20	2.4	0.9	0.3	0.2	0.0	1.9	0.9	0.5	0.1	0.70	1.90	3.80
04	0.20	0.3	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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	1.2	0.3	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.20	1.10
12	6.40	5.6	2.0	0.5	0.2	0.0	6.3	3.7	2.0	0.0	2.30	4.40	10.80
Summary	25.5	22.4	7.6	2.2	1.0	0.0	26.6	14.6	7.9	0.8	8.4	16.8	33.9

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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	27.6	46.6	176.1	418.0	730.1	973.3	1109.7	1074.0	833.8	486.1	179.0	49.6
45	11.3	20.6	102.5	287.6	575.6	823.4	954.7	919.0	684.0	341.6	99.5	21.1
50	3.9	7.9	55.5	177.5	424.8	673.4	799.7	764.1	535.0	217.5	47.8	7.9
55	0.9	2.6	26.3	94.8	286.2	523.8	644.7	609.1	389.7	122.9	18.0	2.4
60	0.2	0.5	9.7	41.3	170.7	376.6	489.7	454.2	254.6	58.3	4.4	0.6
Growing Degree Units for Corn (Monthly)												
50/86	13.0	26.9	100.7	238.6	449.0	661.0	771.3	741.7	537.3	275.6	89.1	21.0

Growing Degree Units (Accumulated Monthly)												
40	28	74	250	668	1398	2372	3481	4555	5389	5875	6054	6104
45	11	32	134	422	998	1821	2776	3695	4379	4720	4820	4841
50	4	12	67	245	670	1343	2143	2907	3442	3659	3707	3715
55	1	4	30	125	411	935	1579	2188	2578	2701	2719	2721
60	0	1	10	52	222	599	1089	1543	1798	1856	1860	1861
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	40	141	379	828	1489	2260	3002	3540	3815	3904	3925

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

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