

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 875 ft. Lat: 41.5575° N Lon: 85.8825° W

Station: GOSHEN 3SW, IN US USC00123418

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	31.7	17.8	24.7	4.5	5.7	5.0	0.2	0.0	0.0	0.0	0.0	0.0	937.7	999.5	1092.4	1247.6	0.0	0.0	2.1	16.7	27.6	3.2
02	35.5	20.2	27.9	5.5	5.7	5.5	0.3	0.1	0.0	0.0	0.0	0.0	760.4	816.1	900.0	1040.1	0.0	0.0	3.1	11.1	24.7	1.9
03	47.2	28.8	38.0	5.5	4.4	4.8	11.3	7.7	4.1	1.3	0.2	0.0	538.4	596.7	686.1	838.3	0.0	0.0	12.8	3.3	20.4	0.1
04	60.3	38.7	49.5	3.6	2.8	3.0	50.9	36.2	19.9	5.4	0.6	0.2	216.0	261.3	334.9	470.4	0.0	0.0	25.0	0.1	7.3	0.0
05	71.7	49.9	60.8	3.9	3.4	3.5	220.9	178.5	123.6	57.1	19.7	11.1	41.2	60.8	98.9	187.3	0.0	0.4	30.6	0.0	0.4	0.0
06	80.4	59.6	70.0	2.4	2.0	1.9	451.1	392.3	306.6	176.3	77.5	49.2	1.2	2.5	6.8	26.4	0.0	3.3	30.0	0.0	0.0	0.0
07	83.3	62.8	73.1	2.9	2.5	2.6	559.5	497.5	404.6	253.8	123.2	83.0	0.0	0.0	0.2	4.3	0.1	4.5	31.0	0.0	0.0	0.0
08	81.3	61.3	71.3	2.3	2.6	2.3	505.2	443.3	351.1	205.2	88.2	55.3	0.0	0.1	0.9	10.0	0.0	2.2	31.0	0.0	0.0	0.0
09	75.2	53.9	64.5	3.3	2.4	2.6	298.7	246.9	175.8	83.1	29.0	16.5	12.3	20.6	39.4	96.6	0.0	1.4	30.0	0.0	0.1	0.0
10	62.8	43.3	53.0	2.7	2.4	2.5	84.4	61.5	35.4	10.2	2.0	0.9	144.9	184.1	250.9	380.7	0.0	0.0	28.0	0.0	3.4	0.0
11	48.4	32.8	40.6	5.2	3.3	4.1	9.8	5.7	2.1	0.1	0.0	0.0	441.8	497.6	584.1	732.1	0.0	0.0	13.8	2.0	15.3	0.0
12	36.5	23.7	30.1	4.8	5.0	4.8	0.7	0.3	0.1	0.0	0.0	0.0	772.5	834.1	926.8	1081.8	0.0	0.0	3.5	10.6	25.7	0.9
Summary	59.5	41.1	50.3	3.9	3.5	3.6	2193	1870	1423	793	340	216	3866	4273	4921	6116	0.1	11.8	240.9	43.8	124.9	6.1

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	2.78	13.4	6.1	1.3	0.5	1.68	2.65	3.40
02	2.33	11.2	5.8	1.2	0.3	1.44	1.82	2.77
03	2.44	10.8	6.3	1.1	0.3	1.90	2.38	2.81
04	3.79	12.0	7.9	2.7	0.6	2.59	3.82	4.69
05	4.27	11.7	8.2	3.0	0.8	2.61	4.13	5.86
06	4.12	10.9	7.4	2.7	0.9	2.52	3.69	5.45
07	3.99	10.1	6.5	2.6	1.0	2.86	3.54	4.60
08	4.05	9.8	6.4	2.5	0.9	2.44	3.41	5.34
09	3.27	9.1	5.6	1.9	0.8	1.71	2.72	4.50
10	3.33	11.2	6.6	2.0	0.7	1.70	3.27	4.34
11	2.96	11.5	6.4	1.9	0.5	2.16	3.10	3.52
12	2.52	12.3	5.9	1.4	0.4	1.81	2.57	3.07
Summary	39.85	134.0	79.1	24.3	7.7	25.42	37.10	50.35

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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	13.80	10.4	4.3	1.2	0.3	0.1	17.9	11.1	7.3	2.1	5.30	12.00	20.40
02	11.40	8.6	4.0	0.9	0.3	0.0	13.9	9.9	5.7	1.6	5.70	9.90	16.40
03	5.40	4.3	1.9	0.5	0.1	0.0	4.8	2.9	1.4	0.2	1.40	3.50	9.20
04	1.20	1.0	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.20	1.30
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	3.40	2.8	1.2	0.3	0.1	0.0	1.8	0.4	0.1	0.0	0.00	2.60	5.50
12	9.90	7.3	3.2	0.8	0.2	0.0	9.6	4.9	2.2	0.8	3.60	8.30	15.00
Summary	45.2	34.6	14.9	3.8	1.0	0.1	48.1	29.2	16.7	4.7	16.0	36.5	67.8

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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	10.0	17.6	105.8	308.8	644.9	899.8	1024.5	970.2	736.4	409.8	127.5	23.3
45	3.1	6.3	56.6	194.2	491.9	749.8	869.5	815.2	586.6	272.8	65.6	8.5
50	0.8	1.8	27.3	107.5	347.1	599.9	714.5	660.2	439.1	163.6	28.8	2.9
55	0.2	0.3	11.3	50.9	220.9	451.1	559.5	505.2	298.7	84.4	9.8	0.7
60	0.0	0.0	4.1	19.9	123.6	306.6	404.6	351.1	175.8	35.4	2.1	0.1
Growing Degree Units for Corn (Monthly)												
50/86	3.6	9.3	62.6	181.2	390.5	594.0	698.8	652.9	457.9	223.4	60.7	8.8

Growing Degree Units (Accumulated Monthly)												
40	10	28	133	442	1087	1987	3011	3982	4718	5128	5255	5279
45	3	9	66	260	752	1502	2371	3187	3773	4046	4112	4120
50	1	3	30	137	484	1084	1799	2459	2898	3062	3091	3094
55	0	0	12	63	284	735	1294	1799	2098	2182	2192	2193
60	0	0	4	24	148	454	859	1210	1386	1421	1423	1423
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	13	76	257	647	1241	1940	2593	3051	3274	3335	3344

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