

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 773 ft. Lat: 40.5614° N Lon: 86.3425° W

Station: YOUNG AMERICA, IN US USC00129905

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	31.9	16.5	24.2	4.9	5.9	5.3	0.2	0.1	0.0	0.0	0.0	0.0	954.6	1016.4	1109.3	1264.6	0.0	0.0	3.5	15.4	27.3	4.1
02	35.9	19.8	27.8	5.8	6.4	6.0	0.3	0.1	0.0	0.0	0.0	0.0	760.3	816.1	900.0	1040.2	0.0	0.0	4.2	10.9	25.0	2.4
03	47.3	28.5	37.9	5.4	4.4	4.8	12.4	8.2	4.5	1.3	0.0	0.0	542.5	600.3	689.6	841.5	0.0	0.0	12.7	3.5	21.7	0.2
04	60.4	38.4	49.4	3.3	2.8	2.9	55.8	40.2	23.1	7.5	1.8	0.7	223.8	268.2	341.0	475.5	0.0	0.0	24.6	0.1	8.8	0.0
05	71.8	50.3	61.1	4.1	3.6	3.7	231.9	188.6	131.6	61.6	20.2	11.1	44.5	63.2	99.2	184.1	0.0	0.6	30.7	0.0	0.3	0.0
06	80.3	59.7	70.0	2.2	2.3	1.9	451.6	393.5	308.9	179.5	80.9	53.1	1.8	3.8	9.2	29.6	0.0	3.2	30.0	0.0	0.0	0.0
07	82.6	62.0	72.3	2.9	2.7	2.7	536.2	474.2	381.7	232.8	110.4	74.0	0.0	0.0	0.5	6.6	0.0	3.8	31.0	0.0	0.0	0.0
08	81.2	59.9	70.6	2.5	3.0	2.7	482.0	420.1	328.4	186.0	78.3	48.9	0.1	0.2	1.6	14.0	0.0	2.0	31.0	0.0	0.0	0.0
09	76.5	52.2	64.3	3.0	2.6	2.5	293.6	242.7	174.8	86.2	32.1	19.1	13.2	22.5	44.5	105.8	0.0	2.1	30.0	0.0	0.1	0.0
10	64.2	41.8	53.0	2.7	2.8	2.5	91.7	68.9	42.4	15.6	3.9	1.8	153.8	193.0	259.5	387.6	0.0	0.1	28.2	0.0	4.9	0.0
11	49.1	31.7	40.4	5.2	3.5	4.1	9.7	5.7	2.3	0.4	0.0	0.0	447.7	503.6	590.2	738.3	0.0	0.0	14.8	1.8	16.3	0.0
12	36.9	22.8	29.9	5.0	5.4	5.1	0.7	0.3	0.1	0.0	0.0	0.0	780.2	841.8	934.5	1089.6	0.0	0.0	4.5	10.3	25.5	1.3
Summary	59.8	40.3	50.1	3.9	3.8	3.7	2166	1843	1398	771	328	209	3922	4329	4979	6177	0.0	11.8	245.2	42.0	129.9	8.0

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	2.52	10.6	5.4	1.6	0.5	1.53	2.49	3.12	
02	2.25	9.2	5.6	1.2	0.4	1.29	1.92	2.91	
03	2.63	9.4	5.9	1.8	0.3	1.58	2.65	3.45	
04	3.64	10.9	7.8	2.4	0.8	2.48	3.23	4.66	
05	3.94	10.9	8.2	2.7	1.0	3.04	3.93	5.03	
06	5.19	10.8	8.0	3.2	1.7	3.40	5.14	6.32	
07	5.14	9.4	6.8	3.5	1.4	3.05	4.01	6.31	
08	3.99	8.7	6.1	2.6	1.4	2.75	3.72	5.09	
09	3.37	7.2	5.3	2.6	1.1	1.97	2.98	4.68	
10	3.08	7.9	5.5	2.1	0.7	1.86	2.58	3.64	
11	3.08	8.7	5.9	2.3	0.5	2.41	2.88	3.55	
12	2.29	10.1	5.7	1.2	0.3	1.37	2.17	2.68	
Summary	41.12	113.8	76.2	27.2	10.1	26.73	37.70	51.44	

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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	8.20	5.5	3.0	0.7	0.3	0.0	14.6	8.5	5.5	1.2	2.80	7.20	12.20
02	7.30	4.8	2.8	0.7	0.1	0.0	11.7	6.3	4.2	1.7	2.90	4.70	9.00
03	2.70	2.1	1.1	0.2	0.1	0.0	3.4	1.4	0.7	0.0	0.60	2.00	3.50
04	0.60	0.4	0.1	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.10
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	0.70	0.5	0.3	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.00	0.00	0.30
12	5.10	3.6	2.0	0.6	0.2	0.0	8.0	4.0	1.8	0.1	0.70	5.90	7.40
Summary	24.6	16.9	9.3	2.3	0.7	0.0	38.5	20.5	12.2	3.0	7.0	19.8	32.5

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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	14.3	22.3	106.6	308.8	652.9	899.7	1001.2	946.9	730.3	409.0	125.2	27.0
45	4.5	8.6	58.4	196.7	500.7	749.6	846.1	791.8	580.9	275.2	64.4	9.3
50	1.3	2.4	28.9	111.6	357.1	599.9	691.2	636.9	433.6	168.7	28.2	3.3
55	0.2	0.3	12.4	55.8	231.9	451.6	536.2	482.0	293.6	91.7	9.7	0.7
60	0.0	0.0	4.5	23.1	131.6	308.9	381.7	328.4	174.8	42.4	2.3	0.1
Growing Degree Units for Corn (Monthly)												
50/86	6.5	13.3	65.9	184.9	393.3	592.9	678.0	631.5	460.7	244.5	67.3	10.9
Growing Degree Units (Accumulated Monthly)												
40	14	37	143	452	1105	2005	3006	3953	4683	5092	5217	5244
45	4	13	72	268	769	1518	2365	3156	3737	4012	4077	4086
50	1	4	33	144	501	1101	1792	2429	2863	3032	3060	3063
55	0	0	13	69	301	752	1288	1770	2064	2156	2165	2166
60	0	0	4	28	159	468	850	1178	1353	1395	1398	1398
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	20	86	271	664	1257	1935	2566	3027	3272	3339	3350

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