

Summary of Monthly Normals
1991-2020

Generated on 04/23/2024

Current Location: Elev: 1547 ft. Lat: 45.4472° N Lon: 99.0386° W

Station: IPSWICH, SD US USC00394206

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	23.5	3.0	13.3	5.8	5.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1294.0	1356.0	1449.0	1604.1	0.0	0.0	0.4	22.0	30.9	14.3
02	28.3	6.9	17.6	8.5	8.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	1047.1	1103.0	1187.0	1327.1	0.0	0.0	1.8	17.2	27.7	10.0
03	41.2	18.9	30.0	7.5	5.2	6.2	1.4	0.8	0.3	0.0	0.0	0.0	774.9	836.3	928.8	1083.5	0.0	0.0	8.8	8.9	28.3	3.2
04	56.5	31.0	43.8	4.9	3.4	3.8	15.8	10.0	4.2	0.7	0.1	0.0	353.4	407.5	491.8	638.2	0.0	0.1	20.5	1.4	17.0	0.0
05	69.0	43.6	56.3	3.4	2.8	2.7	132.2	99.9	61.9	21.6	5.5	2.9	91.9	121.7	176.7	291.3	0.0	0.5	29.2	0.0	3.2	0.0
06	78.5	54.7	66.6	2.9	2.5	2.5	352.2	296.0	216.8	105.8	38.5	23.4	4.4	8.1	18.9	57.9	0.1	2.0	30.0	0.0	0.0	0.0
07	83.7	59.4	71.6	4.1	2.6	3.2	513.0	451.2	359.9	216.2	99.9	65.7	0.1	0.3	2.0	13.3	0.3	5.3	31.0	0.0	0.0	0.0
08	81.8	56.6	69.2	3.2	2.2	2.4	441.0	380.3	291.7	157.9	63.0	38.8	0.9	2.3	6.6	27.8	0.1	4.1	31.0	0.0	0.0	0.0
09	73.5	47.0	60.2	3.1	2.7	2.5	199.3	158.1	105.7	44.2	14.2	8.1	42.0	60.8	98.4	186.8	0.0	1.4	29.9	0.0	1.1	0.0
10	58.4	33.6	46.0	5.1	3.0	3.7	31.0	21.0	10.8	2.7	0.3	0.1	310.0	362.0	444.9	591.7	0.0	0.0	22.5	0.9	13.6	0.0
11	41.9	19.7	30.8	7.3	4.7	5.7	0.4	0.2	0.0	0.0	0.0	0.0	726.4	786.1	876.0	1026.0	0.0	0.0	8.8	7.8	27.2	1.4
12	28.3	8.8	18.6	7.1	6.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1129.7	1191.7	1284.7	1439.8	0.0	0.0	1.4	19.6	30.9	8.1
Summary	55.4	31.9	43.7	5.2	4.1	4.4	1686	1418	1051	549	222	139	5775	6236	6965	8288	0.5	13.4	215.3	77.8	179.9	37.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	0.35	4.2	1.0	0.0	0.0	0.16	0.34	0.48	
02	0.54	4.0	1.6	0.2	0.0	0.24	0.52	0.73	
03	0.85	4.6	2.5	0.3	0.1	0.48	0.75	1.25	
04	1.79	5.5	4.3	1.1	0.3	1.12	1.68	2.52	
05	2.99	8.0	6.3	2.0	0.6	1.67	2.59	3.76	
06	3.48	8.6	6.8	2.1	0.8	2.13	3.11	4.56	
07	3.13	7.1	5.7	2.1	0.8	2.07	2.79	3.65	
08	2.40	5.6	4.4	1.5	0.6	1.46	2.02	3.29	
09	1.94	5.2	3.9	1.5	0.4	0.91	1.42	2.88	
10	1.67	4.6	3.6	1.1	0.4	0.73	1.07	2.32	
11	0.54	3.2	1.8	0.1	0.0	0.10	0.31	0.88	
12	0.48	3.7	1.4	0.2	0.0	0.19	0.46	0.69	
Summary	20.16	64.3	43.3	12.2	4.0	11.26	17.06	27.01	

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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	6.00	3.9	2.9	0.6	0.2	0.0	23.8	15.7	10.8	5.0	2.70	5.20	8.50
02	6.80	3.5	2.8	0.7	0.3	0.1	19.3	13.1	9.7	5.9	3.00	5.70	10.10
03	5.40	2.6	2.0	0.7	0.2	0.0	13.4	8.7	6.3	3.3	1.00	4.50	8.30
04	4.00	1.1	1.0	0.6	0.4	0.1	3.7	2.5	1.5	0.5	0.00	1.50	5.50
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	1.10	0.4	0.4	0.2	0.0	0.0	0.8	0.4	0.0	0.0	0.00	0.00	1.00
11	4.70	2.0	1.7	0.7	0.3	0.0	6.3	3.4	2.3	0.7	0.00	2.00	5.90
12	5.70	3.4	2.7	0.8	0.2	0.0	15.6	10.6	6.9	3.7	1.00	4.00	9.00
Summary	33.7	16.9	13.5	4.3	1.6	0.2	82.9	54.4	37.5	19.1	7.7	22.9	48.3

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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	0.8	3.6	40.7	186.0	508.0	797.8	977.7	905.0	608.0	242.9	37.2	1.0
45	0.1	1.1	15.6	101.2	364.8	647.8	822.7	750.0	460.9	143.6	14.2	0.1
50	0.0	0.3	4.9	45.2	236.2	498.4	667.9	595.1	321.3	73.2	3.4	0.0
55	0.0	0.0	1.4	15.8	132.2	352.2	513.0	441.0	199.3	31.0	0.4	0.0
60	0.0	0.0	0.3	4.2	61.9	216.8	359.9	291.7	105.7	10.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.1	5.0	40.5	139.6	312.6	504.4	644.1	584.5	377.5	165.3	36.4	2.7

Growing Degree Units (Accumulated Monthly)												
40	1	4	45	231	739	1537	2515	3420	4028	4270	4308	4309
45	0	1	17	118	483	1131	1953	2703	3164	3308	3322	3322
50	0	0	5	50	287	785	1453	2048	2369	2442	2446	2446
55	0	0	1	17	149	502	1015	1456	1655	1686	1686	1686
60	0	0	0	4	66	283	643	935	1040	1051	1051	1051
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	47	186	499	1003	1647	2232	2609	2775	2811	2814

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