

Summary of Monthly Normals
1991-2020

Generated on 04/24/2024

Current Location: Elev: 990 ft. Lat: 41.6381° N Lon: 95.7883° W
Station: **LOGAN, IA US USC00134894**

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	30.7	9.9	20.3	5.3	5.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1075.5	1137.5	1230.5	1385.5	0.0	0.0	2.6	16.4	30.7	7.1
02	35.5	13.5	24.5	6.7	6.6	6.5	0.3	0.1	0.0	0.0	0.0	0.0	854.1	909.9	993.8	1133.8	0.0	0.0	4.7	12.0	26.7	5.0
03	48.9	25.8	37.4	5.9	4.7	5.0	11.4	7.4	3.7	1.0	0.1	0.0	558.7	616.6	705.9	858.3	0.0	0.0	14.8	3.5	23.6	0.9
04	61.7	36.3	49.0	4.1	3.4	3.5	52.4	36.9	21.3	6.7	1.3	0.7	232.4	276.9	351.3	486.7	0.0	0.2	24.7	0.2	9.9	0.0
05	72.5	49.4	61.0	3.6	3.1	3.1	229.7	186.7	131.7	62.5	22.0	12.9	45.3	64.3	102.3	188.1	0.0	1.3	30.4	0.0	0.9	0.0
06	82.4	60.1	71.3	2.7	2.4	2.4	488.3	429.6	343.3	209.2	101.4	69.1	1.0	2.3	6.0	21.9	0.0	5.4	30.0	0.0	0.0	0.0
07	85.6	64.1	74.8	3.1	2.6	2.7	615.3	553.3	460.3	308.6	168.9	121.1	0.0	0.0	0.1	3.4	0.3	8.4	31.0	0.0	0.0	0.0
08	83.7	61.2	72.5	2.6	2.6	2.3	540.9	479.2	387.2	240.8	116.9	78.8	0.1	0.3	1.4	9.9	0.0	5.3	31.0	0.0	0.0	0.0
09	77.5	51.3	64.4	3.3	3.7	3.1	301.8	252.0	184.9	95.4	38.8	24.1	20.0	30.1	53.0	113.6	0.1	2.7	29.9	0.0	0.6	0.0
10	64.7	38.2	51.4	4.1	2.9	3.1	77.1	56.0	32.3	10.5	3.0	1.6	187.3	228.1	297.4	430.6	0.0	0.3	27.5	0.1	8.8	0.0
11	48.6	25.4	37.0	6.5	4.0	5.0	6.0	3.7	1.5	0.1	0.0	0.0	546.0	603.6	691.5	840.0	0.0	0.0	14.5	3.7	22.9	0.3
12	35.3	15.3	25.3	5.0	5.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	920.5	982.5	1075.5	1230.5	0.0	0.0	4.3	12.3	29.7	3.8
Summary	60.6	37.5	49.1	4.4	3.9	3.9	2323	2005	1566	935	452	308	4441	4852	5509	6702	0.4	23.6	245.4	48.2	153.8	17.1

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	0.72	5.0	2.4	0.3	0.0	0.27	0.74	1.01
02	0.98	5.6	2.6	0.4	0.0	0.52	0.99	1.31
03	1.82	7.2	4.6	1.0	0.3	1.03	1.45	2.58
04	3.40	9.7	6.6	2.5	0.6	2.14	3.24	4.53
05	4.95	12.5	8.4	3.5	1.3	3.02	4.59	6.20
06	5.21	9.9	7.4	3.6	1.6	3.19	4.59	6.70
07	4.06	8.6	6.2	2.9	1.1	2.70	3.83	4.89
08	4.29	8.9	5.8	2.8	1.2	2.28	3.78	5.32
09	3.54	7.6	5.1	2.4	1.0	1.50	3.12	4.47
10	2.61	7.1	4.7	1.7	0.5	1.45	2.17	3.35
11	1.45	5.2	2.9	0.8	0.3	0.83	1.45	2.13
12	1.40	5.6	3.0	0.8	0.3	0.59	1.18	1.94
Summary	34.43	92.9	59.7	22.7	8.2	19.52	31.13	44.43

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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	7.90	3.9	2.5	1.1	0.5	0.0	19.5	12.9	7.3	2.6	4.00	8.40	11.00
02	6.40	3.3	2.3	0.8	0.3	0.1	16.6	11.0	7.6	1.6	2.60	6.30	8.70
03	4.10	1.9	1.6	0.6	0.3	0.0	5.9	3.5	1.7	0.2	0.50	4.00	6.10
04	0.90	0.5	0.4	0.2	0.1	0.0	0.5	0.4	0.2	0.0	0.00	0.00	0.50
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	0.60	0.4	0.4	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	1.00
11	2.20	1.5	1.1	0.2	0.0	0.0	2.7	1.2	0.6	0.0	0.00	1.50	2.00
12	6.60	3.6	2.5	0.9	0.3	0.0	11.5	7.7	4.2	1.2	4.20	6.00	7.60
Summary	28.7	15.1	10.8	3.9	1.5	0.1	57.1	36.8	21.6	5.6	11.3	26.2	36.9

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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	2.5	14.8	107.1	304.4	649.7	937.3	1080.2	1005.8	732.0	375.9	88.1	7.7
45	0.1	4.3	56.9	194.3	498.0	787.2	925.2	850.8	582.7	251.1	41.9	1.7
50	0.0	1.2	28.1	109.7	355.1	637.4	770.2	695.8	437.4	149.8	17.7	0.4
55	0.0	0.3	11.4	52.4	229.7	488.3	615.3	540.9	301.8	77.1	6.0	0.0
60	0.0	0.0	3.7	21.3	131.7	343.3	460.3	387.2	184.9	32.3	1.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.0	15.9	85.0	199.5	396.6	620.4	737.4	675.8	469.2	248.5	72.2	9.6

Growing Degree Units (Accumulated Monthly)												
40	2	17	124	429	1078	2016	3096	4102	4834	5210	5298	5306
45	0	4	61	256	754	1541	2466	3317	3900	4151	4192	4194
50	0	1	29	139	494	1132	1902	2598	3035	3185	3202	3203
55	0	0	12	64	294	782	1397	1938	2240	2317	2323	2323
60	0	0	4	25	157	500	960	1348	1532	1565	1566	1566
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	21	106	305	702	1322	2060	2736	3205	3453	3526	3535

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