

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4850 ft. Lat: 42.6858° N Lon: 103.8842° W
Station: HARRISON, NE US USC00253615

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	34.8	11.5	23.1	4.0	3.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	987.4	1049.4	1142.4	1297.4	0.0	0.0	3.0	11.6	30.6	5.7
02	36.5	13.0	24.8	6.2	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	846.7	902.7	986.8	1126.8	0.0	0.0	4.8	10.0	27.3	4.4
03	46.7	21.0	33.8	5.6	3.7	4.5	0.8	0.2	0.0	0.0	0.0	0.0	656.7	718.1	810.8	965.8	0.0	0.0	14.0	5.4	27.5	1.4
04	54.5	28.2	41.3	3.7	3.0	3.1	7.3	3.6	1.0	0.1	0.0	0.0	416.7	472.9	560.4	709.6	0.0	0.0	20.1	1.6	20.1	0.1
05	64.4	38.8	51.6	4.7	2.2	3.2	70.6	48.8	24.7	5.6	0.6	0.2	176.1	216.2	285.2	421.1	0.0	0.1	27.0	0.2	6.6	0.0
06	76.4	48.9	62.6	4.2	2.3	3.0	253.2	204.5	139.4	59.1	16.3	8.3	23.8	35.1	60.0	129.7	0.0	2.4	29.7	0.0	0.2	0.0
07	85.0	55.5	70.2	3.6	2.4	2.9	473.5	412.7	323.3	185.9	78.9	48.6	1.1	2.3	5.8	23.3	0.4	9.9	31.0	0.0	0.0	0.0
08	83.4	52.9	68.2	3.0	2.7	2.6	413.1	354.3	268.6	140.0	49.3	27.3	5.7	8.8	16.1	42.4	0.1	7.0	30.9	0.0	0.1	0.0
09	73.8	42.9	58.3	3.2	3.0	2.8	173.9	136.1	87.6	31.1	6.9	2.8	73.6	95.8	137.2	230.7	0.0	1.8	28.7	0.1	3.1	0.0
10	58.3	30.5	44.4	5.0	3.2	3.8	21.5	13.1	5.1	0.3	0.0	0.0	350.0	403.5	488.6	638.8	0.0	0.0	22.9	1.5	16.8	0.3
11	44.9	20.0	32.5	5.9	3.4	4.5	0.6	0.2	0.0	0.0	0.0	0.0	677.1	736.6	826.5	976.5	0.0	0.0	11.9	6.0	27.1	1.5
12	35.4	12.5	23.9	4.2	4.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	962.2	1024.2	1117.3	1272.4	0.0	0.0	4.3	11.9	30.5	4.7
Summary	57.8	31.3	44.6	4.4	3.3	3.7	1414	1173	850	422	152	87	5177	5666	6437	7834	0.5	21.2	228.3	48.3	189.9	18.1

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

Current Location: Elev: 4850 ft. Lat: 42.6858° N Lon: 103.8842° W
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Summary of Monthly Normals
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Generated on 04/27/2024

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	0.36	4.6	1.3	0.0	0.0	0.26	0.31	0.47	
02	0.49	5.3	1.7	0.0	0.0	0.26	0.40	0.65	
03	1.01	6.4	3.0	0.5	0.0	0.51	0.81	1.36	
04	2.22	8.4	5.2	1.5	0.3	1.07	2.20	3.00	
05	3.67	11.6	7.1	2.1	0.8	1.79	3.00	4.05	
06	2.86	10.1	6.0	1.7	0.5	1.27	2.13	4.02	
07	1.94	9.1	4.8	1.0	0.3	1.16	1.65	2.70	
08	1.39	6.9	3.5	0.7	0.2	0.71	1.31	1.88	
09	1.35	6.9	3.5	0.8	0.2	0.67	1.03	2.01	
10	1.31	6.2	3.7	0.7	0.2	0.65	0.96	1.66	
11	0.53	4.5	2.0	0.1	0.0	0.30	0.54	0.71	
12	0.42	4.8	1.5	0.1	0.0	0.17	0.40	0.62	
Summary	17.55	84.8	43.3	9.2	2.5	8.82	14.74	23.13	

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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	6.20	3.6	1.9	0.6	0.2	0.0	15.4	6.7	3.5	0.6	3.50	6.50	7.50
02	10.00	4.3	2.7	1.0	0.5	0.1	11.1	5.3	3.7	1.2	4.40	7.70	16.20
03	10.90	3.6	2.6	1.2	0.7	0.3	7.6	4.0	2.6	0.6	6.10	10.00	14.10
04	8.10	2.5	1.7	0.7	0.4	0.1	4.5	2.5	1.5	0.6	1.50	6.00	10.20
05	2.70	0.8	0.6	0.3	0.1	0.0	1.0	0.5	0.2	0.1	0.00	0.40	2.00
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	0.90	0.3	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
10	3.80	1.4	0.9	0.4	0.2	0.1	2.0	1.0	0.6	0.3	0.00	0.50	3.50
11	5.50	2.8	1.4	0.7	0.1	0.0	3.7	1.2	0.3	0.0	1.30	5.10	6.50
12	8.50	3.9	2.4	0.9	0.4	0.1	10.7	6.0	3.3	0.7	3.10	7.00	11.00
Summary	56.6	23.2	14.4	5.9	2.7	0.7	56.2	27.3	15.8	4.1	19.9	43.2	71.0

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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	3.7	10.1	59.8	142.2	376.3	679.7	937.4	872.4	555.3	213.8	52.4	6.1
45	0.4	2.2	23.2	70.9	248.8	531.1	782.4	717.8	414.3	122.2	20.3	0.9
50	0.0	0.2	6.2	27.8	145.1	386.7	627.5	564.0	285.2	58.8	5.6	0.1
55	0.0	0.0	0.8	7.3	70.6	253.2	473.5	413.1	173.9	21.5	0.6	0.0
60	0.0	0.0	0.0	1.0	24.7	139.4	323.3	268.6	87.6	5.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.5	13.5	64.4	120.0	239.4	417.0	594.7	555.1	365.1	170.1	56.0	9.7

Growing Degree Units (Accumulated Monthly)												
40	4	14	74	216	592	1272	2209	3082	3637	3851	3903	3909
45	0	3	26	97	346	877	1659	2377	2791	2913	2934	2935
50	0	0	6	34	179	566	1194	1758	2043	2102	2107	2107
55	0	0	1	8	79	332	805	1218	1392	1414	1414	1414
60	0	0	0	1	26	165	488	757	845	850	850	850
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	19	83	203	443	860	1454	2010	2375	2545	2601	2610

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