

Summary of Monthly Normals 1981-2010

Generated on 10/26/2021

Current Location: Elev: 1352 ft. Lat: 47.3864° N Lon: -92.8389° W

Station: **HIBBING CHISHOLM HIBBING AIRPORT, MN US USW00094931**

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	18.2	-4.9	6.7	5.6	7.4	6.3	0	0	0	0	0	0	1499	1561	1654	1809	0.0	0.0	0.0	27.2	31.0	18.8
02	24.0	-0.1	12.0	5.7	7.4	6.4	0	0	0	0	0	0	1205	1261	1345	1485	0.0	0.0	0.2	20.0	27.7	14.3
03	36.0	12.8	24.4	4.6	4.7	4.5	-7777	-7777	0	0	0	0	949	1011	1104	1259	0.0	0.0	3.5	10.6	29.8	5.2
04	51.9	25.7	38.8	4.8	2.8	3.5	5	3	1	-7777	0	0	491	549	637	786	0.0	0.0	16.6	1.1	23.9	0.1
05	65.0	36.3	50.6	3.8	3.3	3.4	49	34	18	4	1	-7777	184	231	308	449	0.0	0.0	28.6	0.0	10.1	0.0
06	73.1	45.8	59.4	3.4	2.6	2.7	166	126	77	25	5	3	33	52	94	192	0.0	0.7	29.9	0.0	1.0	0.0
07	77.7	50.8	64.2	2.9	2.2	2.3	290	233	156	63	17	8	3	8	24	86	-7777	0.9	31.0	0.0	0.1	0.0
08	75.9	48.9	62.4	3.0	2.8	2.7	240	188	121	46	10	5	11	21	47	126	0.0	0.5	31.0	0.0	0.3	0.0
09	65.9	40.2	53.1	3.0	2.6	2.6	74	53	29	9	2	1	132	171	238	367	0.0	0.1	28.5	0.0	5.9	0.0
10	52.0	29.5	40.7	3.7	3.3	3.1	6	4	1	-7777	-7777	0	448	508	598	752	0.0	0.0	17.5	0.7	20.2	0.0
11	35.0	16.8	25.9	5.5	5.0	5.1	-7777	-7777	-7777	0	0	0	873	933	1023	1173	0.0	0.0	3.4	12.5	28.1	2.8
12	21.3	1.4	11.3	6.1	7.1	6.4	0	0	0	0	0	0	1353	1415	1508	1663	0.0	0.0	0.1	24.9	30.9	14.3
Summary	49.7	25.3	37.5	4.3	4.3	4.1	830	641	403	147	35	17	7181	7721	8580	10147	0.0	2.2	190.3	97.0	209.0	55.5

-7777: a non-zero value that would round to zero

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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	0.64	8.0	2.0	0.1	0.0	0.38	0.54	0.99
02	0.44	5.9	1.4	-7777	0.0	0.10	0.41	0.68
03	0.93	7.1	2.9	0.3	-7777	0.50	0.90	1.29
04	1.64	8.1	4.0	1.1	0.1	0.83	1.10	2.35
05	2.55	11.4	6.1	1.8	0.2	1.77	2.22	3.04
06	4.16	13.0	8.3	2.8	0.7	2.81	3.71	5.72
07	4.38	11.8	7.3	2.9	1.1	2.64	3.41	4.93
08	3.14	10.8	6.4	1.9	0.6	1.70	2.79	3.92
09	3.07	12.0	6.4	1.8	0.6	2.04	3.12	3.77
10	2.46	10.6	5.3	1.6	0.4	1.32	2.49	3.35
11	1.17	8.2	3.4	0.5	0.1	0.38	0.95	1.89
12	0.69	8.0	2.2	0.1	0.0	0.31	0.60	1.07
Summary	25.27	114.9	55.7	14.9	3.8	14.78	22.24	33.00

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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	15.0	10.9	4.5	1.5	0.6	0.1	31.0	29.6	27.1	19.2	9.9	14.0	16.2
02	7.1	6.9	2.7	0.5	0.1	0.0	27.5	27.1	26.1	17.5	3.4	7.6	9.6
03	7.8	5.9	3.0	0.5	0.1	0.1	22.7	18.9	15.7	10.4	4.6	6.9	9.6
04	3.7	3.0	1.3	0.4	0.1	0.0	4.7	3.0	2.2	1.2	0.7	2.7	6.1
05	-7777	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.2	1.5	0.5	0.1	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.5	2.3
11	13.2	7.3	3.5	1.6	0.6	0.2	14.4	10.0	5.9	2.1	4.9	11.2	22.9
12	12.3	10.6	4.2	0.9	0.2	0.1	27.0	20.2	16.2	11.6	6.2	12.3	18.1
Summary	60.3	46.4	19.7	5.5	1.7	0.5	128.0	109.0	93.2	62.0	29.7	55.2	84.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	-7777	8	89	339	583	752	694	395	117	10	-7777
45	0	-7777	2	40	210	434	597	539	261	55	3	-7777
50	0	-7777	-7777	16	111	290	442	386	151	22	1	0
55	0	0	-7777	5	49	166	290	240	74	6	-7777	0
60	0	0	0	1	18	77	156	121	29	1	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	-7777	-7777	10	89	241	366	474	438	252	87	9	-7777

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	0	8	97	436	1019	1771	2465	2860	2977	2987	2987
45	0	0	2	42	252	686	1283	1822	2083	2138	2141	2141
50	0	0	0	16	127	417	859	1245	1396	1418	1419	1419
55	0	0	0	5	54	220	510	750	824	830	830	830
60	0	0	0	1	19	96	252	373	402	403	403	403
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	10	99	340	706	1180	1618	1870	1957	1966	1966

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

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