

Current Location: Elev: 900 ft. Lat: 42.3263° N Lon: 84.0133° W
Station: **CHELSEA, MI US USC00201502**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	30.0	15.6	22.8				0	0	0	0	0	0	998	1060	1153	1308	0.0	0.0	0.9	19.6	29.1	2.3
02	34.0	17.2	25.6				-7777	-7777	0	0	0	0	823	879	963	1103	0.0	0.0	1.3	10.9	26.0	1.8
03	44.9	25.0	35.0				2	1	1	-7777	0	0	624	685	777	931	0.0	0.0	10.4	2.6	24.6	0.3
04	58.0	36.3	47.2				37	25	14	4	1	-7777	272	321	399	539	0.0	0.0	21.4	0.2	10.3	0.0
05	68.9	46.9	57.9				148	113	72	27	6	3	58	85	137	247	0.0	0.1	30.8	0.0	0.9	0.0
06	78.2	56.3	67.3				370	313	234	124	48	28	3	6	17	56	0.0	1.2	30.0	0.0	0.0	0.0
07	81.9	60.2	71.1				497	435	342	196	86	54	0	-7777	-7777	9	0.0	1.8	31.0	0.0	0.0	0.0
08	80.0	58.3	69.2				438	376	285	149	55	31	-7777	-7777	2	20	0.0	0.7	31.0	0.0	0.0	0.0
09	72.8	50.4	61.6				224	176	114	41	10	5	26	39	66	143	0.0	0.1	30.0	0.0	0.0	0.0
10	59.9	39.5	49.7				46	33	19	6	1	-7777	210	259	338	480	0.0	0.0	26.3	0.0	6.8	0.0
11	47.2	31.2	39.2				3	1	-7777	-7777	0	0	477	536	624	774	0.0	0.0	11.9	1.5	16.7	0.0
12	34.8	21.2	28.0				0	0	0	0	0	0	836	898	992	1147	0.0	0.0	2.2	12.8	28.1	0.7
Summary	57.5	38.2	47.9	0.0	0.0	0.0	1765	1473	1081	547	207	121	4327	4768	5468	6757	0.0	3.9	227.2	47.6	142.5	5.1

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 900 ft. Lat: 42.3263° N Lon: 84.0133° W
Station: **CHELSEA, MI US USC00201502**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	1.94	12.0	5.4	0.8	0.3	1.00	1.73	2.52
02	1.86	9.0	4.5	0.8	0.2	0.87	1.63	2.46
03	2.07	8.7	5.4	1.2	0.2	1.47	1.95	2.66
04	2.59	9.4	6.5	1.7	0.3	1.67	2.89	3.42
05	3.21	10.5	6.6	2.0	0.7	1.95	3.12	4.29
06	3.57	9.8	6.7	2.7	0.8	2.39	3.31	4.25
07	3.28	9.1	6.4	2.1	0.6	2.01	3.45	4.19
08	3.51	9.0	6.2	2.2	0.8	2.08	3.33	4.77
09	3.31	8.6	6.4	2.5	0.8	1.88	3.12	4.31
10	2.93	10.4	6.8	1.9	0.6	1.93	2.49	3.73
11	2.72	9.2	6.5	1.7	0.4	1.98	2.81	3.37
12	2.02	11.8	6.0	1.1	0.2	1.39	1.98	2.55
Summary	33.01	117.5	73.4	20.7	5.9	20.62	31.81	42.52

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Current Location: Elev: 900 ft. Lat: 42.3263° N Lon: 84.0133° W
Station: **CHELSEA, MI US USC00201502**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	10.0	6.9	3.7	1.1	0.4	0.1	19.1	12.2	8.4	2.0	7.0	9.0	11.1
02	8.3	5.3	3.0	1.1	0.4	0.0	16.1	11.3	7.5	2.2	2.8	7.1	11.9
03	5.1	2.7	1.8	0.7	0.3	0.0	6.8	3.9	2.1	0.3	1.1	4.7	8.4
04	1.2	0.7	0.3	0.2	0.1	0.0	0.8	0.3	0.1	0.0	0.0	0.0	1.6
05	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
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	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
10	0.1	0.1	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
11	0.9	0.8	0.4	-7777	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	1.5
12	7.8	6.1	3.2	0.9	0.3	-7777	12.6	6.1	3.5	0.7	3.5	7.2	11.3
Summary	33.4	22.6	12.4	4.0	1.5	0.1	56.5	33.9	21.6	5.2	14.4	28.0	45.8

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Current Location: Elev: 900 ft. Lat: 42.3263° N Lon: 84.0133° W
Station: **CHELSEA, MI US USC00201502**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	4	7	58	250	555	817	962	903	648	309	93	10
45	1	2	24	153	404	667	807	748	499	187	43	2
50	-7777	1	8	82	262	518	652	593	356	100	14	-7777
55	0	-7777	2	37	148	370	497	438	224	46	3	0
60	0	0	1	14	72	234	342	285	114	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	1	4	39	154	325	524	644	592	389	170	44	4
Growing Degree Units (Accumulated Monthly)												
40	4	11	69	319	874	1691	2653	3556	4204	4513	4606	4616
45	1	3	27	180	584	1251	2058	2806	3305	3492	3535	3537
50	0	1	9	91	353	871	1523	2116	2472	2572	2586	2586
55	0	0	2	39	187	557	1054	1492	1716	1762	1765	1765
60	0	0	1	15	87	321	663	948	1062	1081	1081	1081
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	5	44	198	523	1047	1691	2283	2672	2842	2886	2890

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
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Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

Current Location: Elev: 832 ft. Lat: 42.2416° N Lon: 83.6933° W
Station: ANN ARBOR SE, MI US USC00200228

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	31.4	15.9	23.7				0	0	0	0	0	0	971	1033	1126	1282	0.0	0.0	1.1	17.5	28.8	3.0
02	34.7	17.4	26.1				0	0	0	0	0	0	810	866	950	1090	0.0	0.0	1.0	10.3	25.7	1.4
03	45.5	24.7	35.1				2	1	-7777	0	0	0	618	680	772	927	0.0	0.0	9.7	2.7	25.1	0.0
04	58.6	35.2	46.9				28	18	9	2	-7777	-7777	271	322	402	545	0.0	0.0	22.8	0.3	10.7	0.0
05	69.7	45.6	57.7				138	104	64	24	6	3	56	84	137	251	0.0	0.4	30.5	0.0	1.6	0.0
06	79.2	55.6	67.4				375	318	239	127	49	29	3	7	18	55	0.0	1.4	30.0	0.0	0.0	0.0
07	83.1	59.3	71.2				502	440	347	200	84	53	-7777	-7777	-7777	8	0.0	2.6	31.0	0.0	0.0	0.0
08	81.2	57.7	69.5				448	386	294	156	58	33	-7777	-7777	1	18	0.0	1.1	31.0	0.0	0.0	0.0
09	74.8	50.0	62.4				240	190	125	46	11	5	19	28	53	124	0.0	0.9	30.0	0.0	0.1	0.0
10	61.6	38.9	50.3				50	35	20	7	2	1	197	244	322	464	0.0	0.0	27.5	0.0	7.1	0.0
11	48.1	30.3	39.2				3	1	-7777	0	0	0	477	535	624	774	0.0	0.0	12.6	1.3	17.6	0.0
12	35.2	20.9	28.1				0	0	0	0	0	0	835	897	990	1145	0.0	0.0	1.5	11.9	28.9	0.8
Summary	58.6	37.6	48.1	0.0	0.0	0.0	1786	1493	1098	562	210	124	4257	4696	5395	6683	0.0	6.4	228.7	44.0	145.6	5.2

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Current Location: Elev: 832 ft. Lat: 42.2416° N Lon: 83.6933° W
Station: **ANN ARBOR SE, MI US USC00200228**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	2.34							
02	2.20							
03	2.47							
04	2.92							
05	3.51							
06	3.93							
07	3.62							
08	3.25							
09	3.37							
10	2.78							
11	2.77							
12	2.75							
Summary	35.91	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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Current Location: Elev: 832 ft. Lat: 42.2416° N Lon: 83.6933° W
Station: **ANN ARBOR SE, MI US USC00200228**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	6	6	54	236	548	822	967	913	672	325	93	10
45	2	2	22	137	398	672	812	758	522	198	40	3
50	-7777	-7777	6	68	256	522	657	603	377	107	12	1
55	0	0	2	28	138	375	502	448	240	50	3	0
60	0	0	-7777	9	64	239	347	294	125	20	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	2	3	41	154	325	528	645	598	412	193	49	3

Growing Degree Units (Accumulated Monthly)												
40	6	12	66	302	850	1672	2639	3552	4224	4549	4642	4652
45	2	4	26	163	561	1233	2045	2803	3325	3523	3563	3566
50	0	0	6	74	330	852	1509	2112	2489	2596	2608	2609
55	0	0	2	30	168	543	1045	1493	1733	1783	1786	1786
60	0	0	0	9	73	312	659	953	1078	1098	1098	1098
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	5	46	200	525	1053	1698	2296	2708	2901	2950	2953

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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Current Location: Elev: 906 ft. Lat: 42.4355° N Lon: 83.7830° W
Station: **WHITMORE LAKE 1 NW, MI US USC00208972**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	29.9	14.8	22.4				0	0	0	0	0	0	1011	1073	1166	1322	0.0	0.0	0.7	18.5	29.7	2.4
02	33.2	15.5	24.4				0	0	0	0	0	0	857	913	998	1138	0.0	0.0	0.7	11.7	26.7	1.7
03	43.6	23.7	33.7				1	-7777	0	0	0	0	662	723	817	972	0.0	0.0	8.0	5.0	27.7	0.0
04	57.5	35.6	46.6				21	11	3	1	0	0	275	325	407	555	0.0	0.0	22.0	0.0	10.3	0.0
05	67.6	45.3	56.5				106	74	40	11	1	-7777	61	91	150	275	0.0	0.0	31.0	0.0	1.0	0.0
06	77.5	54.7	66.1				335	280	204	94	21	9	3	8	22	62	0.0	0.3	30.0	0.0	0.0	0.0
07	81.1	58.7	69.9				461	399	307	161	54	29	-7777	-7777	1	10	0.0	1.4	31.0	0.0	0.0	0.0
08	79.5	57.2	68.4				413	352	263	127	35	18	-7777	1	5	23	0.0	0.3	31.0	0.0	0.0	0.0
09	72.6	49.9	61.3				205	158	99	35	6	3	18	31	62	148	0.0	0.0	30.0	0.0	0.0	0.0
10	59.8	39.2	49.5				51	36	19	5	1	0	221	268	345	485	0.0	0.0	26.3	0.0	7.3	0.0
11	46.8	30.2	38.5				1	-7777	-7777	0	0	0	496	555	645	795	0.0	0.0	11.0	1.0	18.8	0.0
12	34.2	20.9	27.6				0	0	0	0	0	0	850	912	1005	1161	0.0	0.0	0.8	11.5	29.7	0.0
Summary	56.9	37.1	47.1	0.0	0.0	0.0	1594	1310	935	434	118	59	4454	4900	5623	6946	0.0	2.0	222.5	47.7	151.2	4.1

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 906 ft. Lat: 42.4355° N Lon: 83.7830° W
Station: **WHITMORE LAKE 1 NW, MI US USC00208972**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	2.04							
02	2.76							
03	2.44							
04	2.59							
05	3.28							
06	3.63							
07	3.23							
08	3.26							
09	3.44							
10	2.72							
11	2.78							
12	2.18							
Summary	34.35	0.0	0.0	0.0	0.0	0.00	0.00	0.00

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 906 ft. Lat: 42.4355° N Lon: 83.7830° W
Station: **WHITMORE LAKE 1 NW, MI US USC00208972**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	4	27	225	511	782	926	878	637	305	72	3
45	-7777	1	7	126	359	633	772	723	487	185	28	-7777
50	0	0	3	62	217	483	617	569	341	103	8	-7777
55	0	0	1	21	106	335	461	413	205	51	1	0
60	0	0	0	3	40	204	307	263	99	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	1	2	22	136	291	497	614	569	381	169	36	1

Growing Degree Units (Accumulated Monthly)												
40	3	7	34	259	770	1552	2478	3356	3993	4298	4370	4373
45	0	1	8	134	493	1126	1898	2621	3108	3293	3321	3321
50	0	0	3	65	282	765	1382	1951	2292	2395	2403	2403
55	0	0	1	22	128	463	924	1337	1542	1593	1594	1594
60	0	0	0	3	43	247	554	817	916	935	935	935
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	3	25	161	452	949	1563	2132	2513	2682	2718	2719

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

Current Location: Elev: 680 ft. Lat: 42.0811° N Lon: 83.6769° W
Station: MILAN WWTP, MI US USC00205451

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	31.6	16.1	23.9				0	0	0	0	0	0	965	1027	1120	1275	0.0	0.0	1.9	17.5	28.9	3.2
02	34.7	17.1	25.9				0	0	0	0	0	0	814	870	954	1094	0.0	0.0	1.3	9.8	26.1	1.4
03	44.5	25.8	35.2				2	1	-7777	0	0	0	617	678	770	925	0.0	0.0	9.4	3.7	24.8	0.0
04	58.6	36.6	47.6				32	22	12	3	1	-7777	254	304	384	525	0.0	0.0	22.9	0.3	7.2	0.0
05	70.0	47.1	58.6				159	122	78	30	8	3	49	74	123	230	0.0	0.3	30.7	0.0	1.3	0.0
06	80.0	57.7	68.9				416	358	276	155	64	40	1	4	11	40	0.0	2.2	30.0	0.0	0.0	0.0
07	83.4	61.1	72.3				534	472	379	228	101	65	0	-7777	-7777	3	0.0	3.4	31.0	0.0	0.0	0.0
08	81.3	58.9	70.1				468	406	314	175	67	40	-7777	-7777	1	17	0.0	1.5	31.0	0.0	0.0	0.0
09	74.7	51.3	63.0				253	201	133	50	13	6	14	22	43	111	0.0	0.6	30.0	0.0	0.2	0.0
10	62.0	40.3	51.2				60	43	25	8	2	1	179	224	299	437	0.0	0.0	27.9	0.0	5.1	0.0
11	49.4	31.4	40.4				4	2	1	-7777	0	0	442	500	589	738	0.0	0.0	13.9	0.5	15.3	0.0
12	36.0	20.8	28.4				-7777	0	0	0	0	0	824	886	979	1134	0.0	0.0	2.3	10.7	28.7	0.6
Summary	58.8	38.7	48.8	0.0	0.0	0.0	1928	1627	1218	649	256	155	4159	4589	5273	6529	0.0	8.0	232.3	42.5	137.6	5.2

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 680 ft. Lat: 42.0811° N Lon: 83.6769° W
Station: **MILAN WWTP, MI US USC00205451**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	2.46							
02	1.89							
03	1.96							
04	2.97							
05	3.61							
06	3.69							
07	3.48							
08	3.40							
09	3.32							
10	2.85							
11	2.91							
12	2.27							
Summary	34.81	0.0	0.0	0.0	0.0	0.00	0.00	0.00

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 680 ft. Lat: 42.0811° N Lon: 83.6769° W
Station: **MILAN WWTP, MI US USC00205451**

Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

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	8	6	55	254	575	865	999	933	690	351	107	12
45	2	2	21	150	425	715	844	778	540	221	48	4
50	-7777	-7777	7	76	282	565	689	623	393	121	15	1
55	0	0	2	32	159	416	534	468	253	60	4	-7777
60	0	0	-7777	12	78	276	379	314	133	25	1	0
Growing Degree Units for Corn (Monthly)												
50/86	3	4	35	154	338	562	674	618	420	200	56	5
Growing Degree Units (Accumulated Monthly)												
40	8	14	69	323	898	1763	2762	3695	4385	4736	4843	4855
45	2	4	25	175	600	1315	2159	2937	3477	3698	3746	3750
50	0	0	7	83	365	930	1619	2242	2635	2756	2771	2772
55	0	0	2	34	193	609	1143	1611	1864	1924	1928	1928
60	0	0	0	12	90	366	745	1059	1192	1217	1218	1218
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	7	42	196	534	1096	1770	2388	2808	3008	3064	3069

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

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

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

Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

Current Location: Elev: 900 ft. Lat: 42.2947° N Lon: 83.7108° W
Station: ANN ARBOR UNIVERSITY OF MI, MI US USC00200230

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	31.2	17.9	24.5	4.7	5.6	5.1	-7777	-7777	0	0	0	0	944	1006	1099	1254	0.0	0.0	1.0	16.9	27.8	1.9
02	34.9	19.9	27.4	4.1	4.2	4.1	-7777	-7777	-7777	-7777	0	0	773	829	913	1053	0.0	0.0	2.0	11.2	25.0	1.1
03	45.9	27.2	36.5	3.9	3.2	3.4	7	4	2	-7777	-7777	-7777	578	638	729	882	0.0	0.0	10.4	3.4	22.0	0.1
04	59.6	38.0	48.8	3.6	2.4	2.9	47	34	20	7	1	-7777	233	280	356	493	0.0	0.0	24.1	0.2	7.9	0.0
05	70.6	48.2	59.4	3.8	3.2	3.4	185	146	97	41	12	6	49	71	116	215	0.0	0.1	30.7	0.0	0.5	0.0
06	79.7	57.9	68.8	2.8	2.2	2.3	416	358	274	153	65	42	2	4	11	39	0.0	2.2	30.0	0.0	0.0	0.0
07	83.2	62.1	72.6	2.7	2.0	2.2	547	485	392	242	116	78	-7777	-7777	-7777	5	0.0	4.0	31.0	0.0	0.0	0.0
08	81.2	61.0	71.1	2.6	2.5	2.5	499	437	346	202	87	55	-7777	-7777	2	13	0.0	1.8	31.0	0.0	0.0	0.0
09	74.2	53.4	63.8	3.4	1.8	2.4	282	232	165	78	25	14	18	28	51	114	0.0	0.5	30.0	0.0	0.1	0.0
10	61.4	42.4	51.9	3.2	2.7	2.9	68	48	27	8	2	1	164	206	278	414	0.0	0.0	27.1	0.0	3.2	0.0
11	47.9	33.0	40.4	4.1	3.0	3.3	6	3	1	-7777	0	0	442	499	587	737	0.0	0.0	12.8	1.7	14.4	0.0
12	34.9	23.0	28.9	5.0	5.1	5.0	1	-7777	-7777	0	0	0	808	870	962	1117	0.0	0.0	2.2	12.0	25.7	0.8
Summary	58.7	40.3	49.5	3.7	3.2	3.3	2058	1747	1324	731	308	196	4011	4431	5104	6336	0.0	8.6	232.3	45.4	126.6	3.9

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 900 ft. Lat: 42.2947° N Lon: 83.7108° W
Station: ANN ARBOR UNIVERSITY OF MI, MI US USC00200230

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	2.59	17.1	6.8	1.2	0.3	1.37	2.35	3.41
02	2.41	13.8	5.9	1.3	0.3	1.36	1.95	3.35
03	2.66	14.1	6.2	1.6	0.2	2.00	2.42	3.44
04	3.22	13.5	7.9	1.9	0.4	2.52	3.14	3.89
05	3.42	13.6	7.2	2.4	0.6	1.95	3.06	4.69
06	3.68	11.9	7.2	2.6	0.7	2.73	3.36	4.48
07	3.61	11.4	7.0	2.4	0.7	2.46	3.35	5.01
08	3.70	11.1	6.5	2.6	1.0	2.24	3.58	4.73
09	3.45	10.7	6.3	2.5	0.8	2.22	3.25	4.92
10	2.84	12.4	6.2	1.7	0.6	2.02	2.69	3.56
11	3.09	13.8	7.1	1.9	0.5	2.11	3.07	3.82
12	2.89	16.8	7.3	1.8	0.3	2.14	2.56	3.80
Summary	37.56	160.2	81.6	23.9	6.4	25.12	34.78	49.10

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 900 ft. Lat: 42.2947° N Lon: 83.7108° W
Station: ANN ARBOR UNIVERSITY OF MI, MI US USC00200230

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	16.4	14.5	5.2	1.4	0.5	0.1	21.2	15.5	11.2	3.0	10.3	14.7	23.3
02	13.0	11.3	4.1	1.2	0.5	0.0	17.1	12.8	8.2	2.0	8.4	12.5	17.2
03	8.5	7.8	2.4	0.7	0.4	0.0	6.6	3.9	2.0	0.4	4.3	8.9	11.3
04	2.7	2.4	0.6	0.2	0.2	0.0	0.6	0.4	0.1	0.0	0.5	2.5	3.9
05	-7777	-7777	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	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
10	0.2	0.5	0.1	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.1
11	3.1	4.4	1.0	0.1	0.0	0.0	1.3	0.4	0.0	0.0	0.4	2.6	4.5
12	13.4	12.1	4.2	1.0	0.5	-7777	13.1	6.7	3.8	0.7	7.8	11.9	16.3
Summary	57.3	53.0	17.6	4.6	2.1	0.1	59.9	39.7	25.3	6.1	31.7	53.1	76.6

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 900 ft. Lat: 42.2947° N Lon: 83.7108° W
Station: ANN ARBOR UNIVERSITY OF MI, MI US USC00200230

Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

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	7	11	80	289	602	864	1012	964	714	376	117	17
45	2	3	40	180	449	714	857	809	564	245	57	7
50	-7777	1	18	99	305	564	702	654	418	140	22	2
55	-7777	-7777	7	47	185	416	547	499	282	68	6	1
60	0	-7777	2	20	97	274	392	346	165	27	1	-7777
Growing Degree Units for Corn (Monthly)												
50/86	2	5	49	171	360	562	685	646	440	201	52	7

Growing Degree Units (Accumulated Monthly)												
40	7	18	98	387	989	1853	2865	3829	4543	4919	5036	5053
45	2	5	45	225	674	1388	2245	3054	3618	3863	3920	3927
50	0	1	19	118	423	987	1689	2343	2761	2901	2923	2925
55	0	0	7	54	239	655	1202	1701	1983	2051	2057	2058
60	0	0	2	22	119	393	785	1131	1296	1323	1324	1324
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	56	227	587	1149	1834	2480	2920	3121	3173	3180

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

Current Location: Elev: 777 ft. Lat: 42.2333° N Lon: 83.5333° W
Station: **DETROIT WILLOW RUN AIRPORT, MI US USW00014853**

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	16.3	23.5	4.9	6.0	5.4	0	0	0	0	0	0	976	1038	1131	1286	0.0	0.0	1.2	17.9	28.5	2.7
02	34.4	18.6	26.5	4.5	4.4	4.3	-7777	-7777	-7777	0	0	0	798	854	938	1078	0.0	0.0	2.2	12.0	25.9	1.1
03	45.3	25.9	35.6	4.0	2.7	3.2	3	2	1	-7777	0	0	604	665	757	911	0.0	0.0	10.1	3.1	24.2	0.1
04	58.7	35.5	47.1	3.2	2.3	2.6	32	23	12	3	-7777	-7777	269	320	399	540	0.0	0.0	23.4	0.4	10.6	0.0
05	69.7	45.7	57.7	3.6	3.7	3.5	142	107	67	27	7	3	58	85	138	254	0.0	0.2	30.7	0.0	1.3	0.0
06	79.7	56.5	68.1	3.0	2.1	2.3	394	337	256	141	57	34	2	5	14	49	0.0	2.4	30.0	0.0	0.0	0.0
07	83.4	60.5	72.0	2.7	2.3	2.3	525	463	370	221	102	68	0	-7777	-7777	6	0.1	3.8	31.0	0.0	0.0	0.0
08	81.2	59.4	70.3	2.9	2.4	2.5	474	412	320	178	71	43	-7777	-7777	1	13	0.0	1.9	31.0	0.0	0.0	0.0
09	73.7	50.6	62.1	3.1	1.7	2.1	236	188	125	49	12	6	21	34	60	135	0.0	0.4	29.9	0.0	0.1	0.0
10	60.7	39.7	50.2	2.9	2.9	2.8	48	33	18	6	2	1	196	244	321	465	0.0	0.0	26.8	0.0	6.3	0.0
11	48.1	31.3	39.7	3.8	2.7	3.0	4	2	-7777	0	0	0	463	521	609	759	0.0	0.0	12.9	1.1	16.1	0.0
12	34.9	21.5	28.2	5.1	5.2	5.0	-7777	-7777	-7777	0	0	0	831	893	985	1141	0.0	0.0	1.8	12.1	26.4	0.8
Summary	58.4	38.5	48.4	3.6	3.2	3.2	1858	1567	1169	625	251	155	4218	4659	5353	6637	0.1	8.7	231.0	46.6	139.4	4.7

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 777 ft. Lat: 42.2333° N Lon: 83.5333° W
Station: **DETROIT WILLOW RUN AIRPORT, MI US USW00014853**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	1.63							
02	1.82							
03	2.02							
04	2.89							
05	3.32							
06	3.44							
07	3.48							
08	3.03							
09	3.49							
10	2.66							
11	2.83							
12	1.87							
Summary	32.48	0.0	0.0	0.0	0.0	0.00	0.00	0.00

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

Current Location: Elev: 777 ft. Lat: 42.2333° N Lon: 83.5333° W
Station: **DETROIT WILLOW RUN AIRPORT, MI US USW00014853**

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	7	11	64	243	549	843	990	939	664	323	103	15
45	2	4	28	142	398	693	835	784	515	198	48	6
50	-7777	1	10	72	257	543	680	629	370	106	16	2
55	0	-7777	3	32	142	394	525	474	236	48	4	-7777
60	0	-7777	1	12	67	256	370	320	125	18	-7777	-7777
Growing Degree Units for Corn (Monthly)												
50/86	2	5	44	156	329	543	663	622	403	181	51	5

Growing Degree Units (Accumulated Monthly)												
40	7	18	82	325	874	1717	2707	3646	4310	4633	4736	4751
45	2	6	34	176	574	1267	2102	2886	3401	3599	3647	3653
50	0	1	11	83	340	883	1563	2192	2562	2668	2684	2686
55	0	0	3	35	177	571	1096	1570	1806	1854	1858	1858
60	0	0	1	13	80	336	706	1026	1151	1169	1169	1169
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	51	207	536	1079	1742	2364	2767	2948	2999	3004

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

Current Location: Elev: 865 ft. Lat: 42.2875° N Lon: 83.7611° W
Station: ANN ARBOR 1 W, MI US USC00200220

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	31.3	16.4	23.8				0	0	0	0	0	0	965	1027	1120	1275	0.0	0.0	0.0	18.0	30.0	1.0
02	34.8	16.8	25.8				0	0	0	0	0	0	817	873	957	1097	0.0	0.0	0.0	9.0	28.0	0.0
03	44.5	24.9	34.7				-7777	-7777	-7777	0	0	0	630	692	784	939	0.0	0.0	5.2	3.4	28.0	0.0
04	59.3	36.3	47.8				22	12	3	-7777	0	0	239	289	370	517	0.0	0.0	24.1	0.0	8.3	0.0
05	69.3	47.1	58.2				130	89	45	13	2	-7777	31	52	101	224	0.0	0.0	31.0	0.0	0.5	0.0
06	77.5	56.6	67.1				362	305	226	112	26	11	1	4	15	51	0.0	0.0	30.0	0.0	0.0	0.0
07	81.8	61.1	71.5				509	447	355	208	89	57	0	-7777	1	9	0.0	2.0	31.0	0.0	0.0	0.0
08	79.6	59.4	69.5				449	388	297	158	56	30	-7777	1	3	19	0.0	0.3	31.0	0.0	0.0	0.0
09	73.2	51.2	62.2				225	172	103	33	9	5	9	17	37	118	0.0	0.0	30.0	0.0	0.0	0.0
10	61.6	39.1	50.4				38	23	8	-7777	0	0	182	229	307	454	0.0	0.0	27.7	0.0	5.5	0.0
11	48.3	31.3	39.8				2	-7777	-7777	0	0	0	458	516	606	756	0.0	0.0	13.1	0.7	16.3	0.0
12	35.5	21.5	28.5				0	0	0	0	0	0	821	883	976	1131	0.0	0.0	1.7	9.3	30.7	0.0
Summary	58.1	38.5	48.3	0.0	0.0	0.0	1737	1436	1037	524	182	103	4153	4583	5277	6590	0.0	2.3	224.8	40.4	147.3	1.0

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 865 ft. Lat: 42.2875° N Lon: 83.7611° W
Station: **ANN ARBOR 1 W, MI US USC00200220**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	-7777	-7777	27	256	564	810	973	913	665	328	88	2
45	0	-7777	8	151	411	661	819	759	515	204	36	-7777
50	0	0	1	67	263	511	664	604	366	102	10	-7777
55	0	0	-7777	22	130	362	509	449	225	38	2	0
60	0	0	-7777	3	45	226	355	297	103	8	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	-7777	-7777	18	154	320	516	656	603	392	185	45	1

Growing Degree Units (Accumulated Monthly)												
40	0	0	27	283	847	1657	2630	3543	4208	4536	4624	4626
45	0	0	8	159	570	1231	2050	2809	3324	3528	3564	3564
50	0	0	1	68	331	842	1506	2110	2476	2578	2588	2588
55	0	0	0	22	152	514	1023	1472	1697	1735	1737	1737
60	0	0	0	3	48	274	629	926	1029	1037	1037	1037
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	18	172	492	1008	1664	2267	2659	2844	2889	2890

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

Current Location: Elev: 750 ft. Lat: 42.1611° N Lon: 83.7819° W
Station: **SALINE, MI US USC00207308**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	31.8	15.1	23.5				0	0	0	0	0	0	978	1040	1133	1288	0.0	0.0	1.4	18.1	29.4	2.9
02	34.8	16.3	25.6				0	0	0	0	0	0	824	880	964	1104	0.0	0.0	1.3	9.5	26.6	2.0
03	45.6	24.0	34.8				2	2	1	-7777	0	0	628	689	782	936	0.0	0.0	10.0	2.7	26.2	0.2
04	58.7	35.9	47.3				34	22	10	3	1	-7777	265	313	391	534	0.0	0.0	22.2	0.3	9.4	0.0
05	70.0	45.4	57.7				139	104	64	23	6	3	55	82	135	250	0.0	0.3	30.8	0.0	1.1	0.0
06	79.9	55.6	67.8				386	331	252	139	58	37	4	9	20	57	0.0	2.2	30.0	0.0	0.0	0.0
07	84.2	59.0	71.6				514	452	360	210	93	61	-7777	-7777	-7777	6	0.0	4.4	31.0	0.0	0.0	0.0
08	81.9	57.9	69.9				461	399	307	167	64	37	-7777	-7777	1	15	0.0	1.0	31.0	0.0	0.0	0.0
09	74.5	49.5	62.0				230	181	116	41	9	4	20	31	56	131	0.0	0.5	30.0	0.0	0.0	0.0
10	62.3	38.3	50.3				50	34	19	6	1	1	195	242	319	461	0.0	0.0	28.9	0.0	7.3	0.0
11	48.7	29.9	39.3				3	1	-7777	0	0	0	474	533	621	771	0.0	0.0	13.2	0.9	18.2	0.0
12	35.9	20.1	28.0				-7777	-7777	0	0	0	0	837	898	991	1147	0.0	0.0	2.3	10.3	29.1	1.0
Summary	59.0	37.2	48.1	0.0	0.0	0.0	1819	1526	1129	589	232	143	4280	4717	5413	6700	0.0	8.4	232.1	41.8	147.3	6.1

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 750 ft. Lat: 42.1611° N Lon: 83.7819° W
Station: **SALINE, MI US USC00207308**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	2.02							
02	1.95							
03	2.47							
04	2.81							
05	3.46							
06	3.72							
07	3.40							
08	3.30							
09	3.42							
10	2.80							
11	2.85							
12	2.25							
Summary	34.45	0.0	0.0	0.0	0.0	0.00	0.00	0.00

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 750 ft. Lat: 42.1611° N Lon: 83.7819° W
Station: **SALINE, MI US USC00207308**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	6	3	53	250	549	832	979	927	660	325	94	11
45	1	-7777	21	150	399	682	824	771	510	197	41	4
50	-7777	-7777	7	78	256	533	669	617	365	106	13	1
55	0	0	2	34	139	386	514	461	230	50	3	-7777
60	0	0	1	10	64	252	360	307	116	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	3	2	43	158	330	537	650	611	407	200	54	4

Growing Degree Units (Accumulated Monthly)												
40	6	9	62	312	861	1693	2672	3599	4259	4584	4678	4689
45	1	1	22	172	571	1253	2077	2848	3358	3555	3596	3600
50	0	0	7	85	341	874	1543	2160	2525	2631	2644	2645
55	0	0	2	36	175	561	1075	1536	1766	1816	1819	1819
60	0	0	1	11	75	327	687	994	1110	1129	1129	1129
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	5	48	206	536	1073	1723	2334	2741	2941	2995	2999

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

Current Location: Elev: 840 ft. Lat: 42.1236° N Lon: 83.8199° W
Station: **SALINE 4 SW, MI US USC00207312**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	31.1	16.0	23.6				0	0	0	0	0	0	975	1036	1130	1285	0.0	0.0	1.2	17.8	29.2	2.3
02	34.5	18.4	26.5				0	0	0	0	0	0	799	855	939	1079	0.0	0.0	1.0	10.5	25.9	0.9
03	45.1	25.3	35.2				2	1	1	-7777	0	0	615	677	769	924	0.0	0.0	9.7	3.2	24.2	0.1
04	58.4	36.5	47.5				34	22	10	2	-7777	0	260	309	387	529	0.0	0.0	22.5	0.1	9.0	0.0
05	69.1	46.1	57.6				138	103	64	23	5	2	57	84	138	252	0.0	0.0	30.8	0.0	0.9	0.0
06	79.5	56.2	67.9				387	330	250	135	55	33	2	5	15	50	0.0	2.1	30.0	0.0	0.0	0.0
07	83.4	59.6	71.5				511	449	357	209	91	57	0	-7777	-7777	8	0.0	3.2	31.0	0.0	0.0	0.0
08	81.3	58.3	69.8				458	396	304	165	60	34	-7777	-7777	1	16	0.0	1.1	31.0	0.0	0.0	0.0
09	75.0	50.5	62.8				251	202	136	53	13	7	19	30	53	121	0.0	0.7	30.0	0.0	0.0	0.0
10	62.0	39.4	50.7				53	37	21	8	2	1	186	232	309	451	0.0	0.0	28.4	0.0	5.7	0.0
11	48.1	31.0	39.6				3	2	-7777	0	0	0	467	525	614	764	0.0	0.0	12.9	1.4	16.5	0.0
12	35.2	20.3	27.8				-7777	0	0	0	0	0	844	906	999	1154	0.0	0.0	1.8	11.3	28.3	0.8
Summary	58.6	38.1	48.4	0.0	0.0	0.0	1837	1542	1143	595	226	134	4224	4659	5354	6633	0.0	7.1	230.3	44.3	139.7	4.1

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 840 ft. Lat: 42.1236° N Lon: 83.8199° W
Station: **SALINE 4 SW, MI US USC00207312**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	2.26							
02	1.96							
03	2.41							
04	3.10							
05	3.47							
06	3.61							
07	3.47							
08	3.31							
09	3.41							
10	2.78							
11	2.95							
12	2.37							
Summary	35.10	0.0	0.0	0.0	0.0	0.00	0.00	0.00

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 840 ft. Lat: 42.1236° N Lon: 83.8199° W
Station: **SALINE 4 SW, MI US USC00207312**

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	7	8	59	256	546	835	976	923	682	336	97	11
45	2	2	25	154	395	685	821	768	533	207	44	3
50	-7777	-7777	7	78	254	536	666	614	387	112	15	1
55	0	0	2	34	138	387	511	458	251	53	3	-7777
60	0	0	1	10	64	250	357	304	136	21	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	3	3	42	153	319	537	653	609	421	198	49	4
Growing Degree Units (Accumulated Monthly)												
40	7	15	74	330	876	1711	2687	3610	4292	4628	4725	4736
45	2	4	29	183	578	1263	2084	2852	3385	3592	3636	3639
50	0	0	7	85	339	875	1541	2155	2542	2654	2669	2670
55	0	0	2	36	174	561	1072	1530	1781	1834	1837	1837
60	0	0	1	11	75	325	682	986	1122	1143	1143	1143
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	6	48	201	520	1057	1710	2319	2740	2938	2987	2991

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

Current Location: Elev: 839 ft. Lat: 42.2228° N Lon: 83.7444° W
Station: ANN ARBOR MUNICIPAL AIRPORT, MI US USW00094889

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	31.3	14.8	23.1	4.7	6.0	5.3	-7777	0	0	0	0	0	990	1052	1145	1300	0.0	0.0	1.3	16.7	28.5	4.9
02	34.8	16.7	25.8	4.2	4.1	4.0	-7777	-7777	-7777	0	0	0	819	875	959	1099	0.0	0.0	1.8	10.7	26.2	2.6
03	45.9	25.3	35.6	4.0	2.9	3.2	3	2	1	-7777	0	0	605	666	757	911	0.0	0.0	10.5	3.3	24.6	0.2
04	59.8	35.2	47.5	2.6	2.4	2.3	32	22	12	3	-7777	-7777	257	307	387	528	0.0	0.0	24.5	0.3	11.5	0.0
05	69.9	43.8	56.8	3.2	3.9	3.3	123	90	55	20	4	1	66	95	152	272	0.0	0.1	30.7	0.0	2.9	0.0
06	78.6	52.7	65.7	2.6	3.0	2.4	324	269	195	94	29	15	4	10	26	75	0.0	1.2	30.0	0.0	0.1	0.0
07	83.8	57.3	70.5	2.6	2.0	2.0	482	420	327	183	76	46	-7777	-7777	-7777	12	0.0	4.2	31.0	0.0	0.0	0.0
08	81.2	56.7	69.0	2.6	2.0	2.2	432	370	279	144	51	30	-7777	-7777	2	22	0.0	1.7	31.0	0.0	0.0	0.0
09	74.0	47.8	60.9	2.9	1.6	2.0	207	161	103	38	8	4	30	45	76	161	0.0	0.3	29.9	0.0	0.4	0.0
10	60.8	36.8	48.8	3.2	2.7	2.8	41	28	15	6	2	1	233	282	362	508	0.0	0.1	26.8	0.0	10.6	0.0
11	48.6	29.5	39.0	3.8	2.4	2.9	3	1	-7777	0	0	0	481	540	629	779	0.0	0.0	13.0	0.9	18.7	0.0
12	35.5	20.7	28.1	5.3	5.4	5.2	1	-7777	-7777	0	0	0	834	896	989	1144	0.0	0.0	2.3	11.7	26.7	1.5
Summary	58.7	36.4	47.6	3.5	3.2	3.1	1648	1363	987	488	170	97	4319	4768	5484	6811	0.0	7.6	232.8	43.6	150.2	9.2

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

Current Location: Elev: 839 ft. Lat: 42.2228° N Lon: 83.7444° W
Station: ANN ARBOR MUNICIPAL AIRPORT, MI US USW00094889

Summary of Monthly Normals
1981-2010
Generated on 02/01/2025

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	1.49							
02	1.75							
03	2.14							
04	2.95							
05	3.36							
06	3.51							
07	3.55							
08	3.16							
09	3.46							
10	2.64							
11	2.76							
12	2.04							
Summary	32.81	0.0	0.0	0.0	0.0	0.00	0.00	0.00

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1981-2010

Generated on 02/01/2025

Current Location: Elev: 839 ft. Lat: 42.2228° N Lon: 83.7444° W
Station: ANN ARBOR MUNICIPAL AIRPORT, MI US USW00094889

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	7	9	67	251	523	769	947	898	627	286	92	19
45	2	3	30	146	373	619	792	742	478	173	43	9
50	1	1	11	73	234	470	637	587	336	91	14	3
55	-7777	-7777	3	32	123	324	482	432	207	41	3	1
60	0	-7777	1	12	55	195	327	279	103	15	-7777	-7777
Growing Degree Units for Corn (Monthly)												
50/86	2	5	49	168	326	493	625	588	395	181	53	8

Growing Degree Units (Accumulated Monthly)												
40	7	16	83	334	857	1626	2573	3471	4098	4384	4476	4495
45	2	5	35	181	554	1173	1965	2707	3185	3358	3401	3410
50	1	2	13	86	320	790	1427	2014	2350	2441	2455	2458
55	0	0	3	35	158	482	964	1396	1603	1644	1647	1648
60	0	0	1	13	68	263	590	869	972	987	987	987
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	56	224	550	1043	1668	2256	2651	2832	2885	2893

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
-7777: a non-zero value that would round to zero.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

1981 – 2010 Monthly Normals Documentation

I. Description

The 1981-2010 Normals comprise all climate normals using the thirty year period of temperature, degree days, precipitation, snowfall, snow depth, wind, etc. Data are organized into hourly, daily, monthly, seasonal and annual. This document describes the elements and layout of the Monthly Normals which are derived from a composite of climate records from numerous sources that were merged and then subjected to a suite of quality assurance reviews.

II. Format/Element (Value) Definitions

(Note: the term 'element' is used throughout this documentation and refers to an individual meteorological/climatological measurement or statistical value such as temperature, precipitation (amount), number of days of snowfall ≥ 3 inches, etc.)

A. Initial section

Each record represents all selected elements available for a given station-day. The initial section of each record is ordered as follows with the following definitions:

STATION (17 characters) is the station identification code. Please see

<ftp://ftp.ncdc.noaa.gov/pub/data/normals/1981-2010/station-inventories/>

for a complete list of stations and their metadata.

STATION_NAME (max 50 characters) is the name of the station (usually city/airport name). This is an optional field on CSV or ASCII text output.

GEOGRAPHIC_LOCATION (31 characters) is the latitude (decimated degrees w/northern hemisphere values > 0 , southern hemisphere values < 0), longitude (decimated degrees w/western hemisphere values < 0 , eastern hemisphere values > 0) and elevation above mean sea level. This is an optional field given in thousandths of meters on CSV or ASCII text output and included on PDF output in hundredths of feet.

DATE is the year of the record (4 digits) followed by month (2 digits) and day (2 digits). Note: Day will always be coded as 01 (data values represent a complete month).

B. Elements (values) and flags (attributes)

Following this initial section of the record, all selected elements and flags are given in the following order:

1st Element | Completeness Flag | 2nd Element | Completeness Flag | 3rd Element...etc., for all elements selected.

Elements/values are defined in Table 2 below. Please note only elements selected by user will appear in the specific output.

Completeness Flag (Attribute) is defined in **Table 1** below

Flags accompany every Normals value and indicate the completeness of the data record used to compute each value, accounting for methodological differences for different product classes. There are six flag options described generally in **Table 1** below. Due to methodological differences, the flags are applied somewhat differently between the temperature-based normals and the precipitation-based normals. For the precipitation-based and hourly normals, the following flags were assigned independently for each normals value reported based on number of years available for that individual calculation. For temperature-based normals, strong precedence is given to the monthly normals of maximum and minimum temperature or derived from the flags for these two variables.

Table 1 (CompletenessFlag/Attribute)

C = complete (all 30 years used)

S = standard (no more than 5 years missing and no more than 3 consecutive years missing among the sufficiently complete years)

R = representative (observed record utilized incomplete, but value was scaled or based on filled values to be representative of the full period of record)

P = provisional (at least 10 years used, but not sufficiently complete to be labeled as standard or representative). Also used for parameter values on February 29 as well as for interpolated daily precipitation, snowfall, and snow depth percentiles.

Q = quasi-normal (at least 2 years per month, but not sufficiently complete to be labeled as provisional or any other higher flag code. The associated value was computed using a pseudonormals approach or derived from monthly pseudonormals.

Blank = the data value is reported as a special value such as 9999 (see III. Additional Information, Section B below for more information on Special Values)

Note: Flags Q and R are not applicable for hourly normals. Flags Q and R also aren't applicable to average number of days with different precipitation, snowfall, and snow depth threshold exceedance; precipitation/snowfall/snow probabilities of occurrence; and daily precipitation/snowfall/snow depth percentiles. Further, Q flags are not applicable for standard deviations.

Table 2 (Elements/Values)

mly-cldd-base45	Long-term averages of monthly cooling degree days with base 45F
mly-cldd-base50	Long-term averages of monthly cooling degree days with base 50F
mly-cldd-base55	Long-term averages of monthly cooling degree days with base 55F
mly-cldd-base57	Long-term averages of monthly cooling degree days with base 57F
mly-cldd-base60	Long-term averages of monthly cooling degree days with base 60F
mly-cldd-base70	Long-term averages of monthly cooling degree days with base 70F
mly-cldd-base72	Long-term averages of monthly cooling degree days with base 72F
mly-cldd-normal	Long-term averages of monthly cooling degree days with base 65F
mly-dutr-normal	Long-term averages of monthly diurnal temperature range
mly-dutr-stddev	Long-term standard deviations of monthly diurnal temperature range
mly-htdd-base40	Long-term averages of monthly heating degree days with base 40F
mly-htdd-base45	Long-term averages of monthly heating degree days with base 45F
mly-htdd-base50	Long-term averages of monthly heating degree days with base 50F
mly-htdd-base55	Long-term averages of monthly heating degree days with base 55F
mly-htdd-base57	Long-term averages of monthly heating degree days with base 57F
mly-htdd-base60	Long-term averages of monthly heating degree days with base 60F
mly-htdd-normal	Long-term averages of monthly heating degree days with base 65F
mly-prcp-25pctl	25th percentiles of monthly precipitation totals
mly-prcp-50pctl	50th percentiles of monthly precipitation totals
mly-prcp-75pctl	75th percentiles of monthly precipitation totals
mly-prcp-avgnds-ge001hi	Long-term averages of number of days per month with precipitation ≥ 0.01 inches
mly-prcp-avgnds-ge010hi	Long-term averages of number of days per month with precipitation ≥ 0.10 inches
mly-prcp-avgnds-ge050hi	Long-term averages of number of days per month with precipitation ≥ 0.50 inches
mly-prcp-avgnds-ge100hi	Long-term averages of number of days per month with precipitation ≥ 1.00 inches
mly-prcp-normal	Long-term averages of monthly precipitation totals
mly-snow-25pctl	25th percentiles of monthly snowfall totals
mly-snow-50pctl	50th percentiles of monthly snowfall totals
mly-snow-75pctl	75th percentiles of monthly snowfall totals
mly-snow-avgnds-ge001ti	Long-term averages of number of days per month with Snowfall ≥ 0.1 inches
mly-snow-avgnds-ge010ti	Long-term averages of number of days per month with Snowfall ≥ 1.0 inches
mly-snow-avgnds-ge030ti	Long-term averages of number of days per month with Snowfall ≥ 3.0 inches
mly-snow-avgnds-ge050ti	Long-term averages of number of days per month with Snowfall ≥ 5.0 inches
mly-snow-avgnds-ge100ti	Long-term averages of number of days per month with Snowfall ≥ 10.0 inches
mly-snow-normal	Long-term averages of monthly snowfall totals
mly-snwd-avgnds-	Long-term averages of number of days per month with snow

ge001wi	depth >= 1 inch
mly-snwd-avgnds-ge003wi	Long-term averages of number of days per month with snow depth >= 3 inches
mly-snwd-avgnds-ge005wi	Long-term averages of number of days per month with snow depth >= 5 inches
mly-snwd-avgnds-ge010wi	Long-term averages of number of days per month with snow depth >= 10 inches
mly-tavg-normal	Long-term averages of monthly average temperature
mly-tavg-stddev	Long-term standard deviations of monthly average temperature
mly-tmax-avgnds-grth040	Long-term average number of days per month where tmax is greater than or equal to 40F
mly-tmax-avgnds-grth050	Long-term average number of days per month where tmax is greater than or equal to 50F
mly-tmax-avgnds-grth060	Long-term average number of days per month where tmax is greater than or equal to 60F
mly-tmax-avgnds-grth070	Long-term average number of days per month where tmax is greater than or equal to 70F
mly-tmax-avgnds-grth080	Long-term average number of days per month where tmax is greater than or equal to 80F
mly-tmax-avgnds-grth090	Long-term average number of days per month where tmax is greater than or equal to 90F
mly-tmax-avgnds-grth100	Long-term average number of days per month where tmax is greater than or equal to 100F
mly-tmax-avgnds-lsth032	Long-term average number of days per month where tmax is less than or equal to 32F
mly-tmax-normal	Long-term averages of monthly maximum temperature
mly-tmax-stddev	Long-term standard deviations of monthly maximum temperature
mly-tmin-avgnds-lsth000	Long-term average number of days per month where tmin is less than or equal to 0F
mly-tmin-avgnds-lsth010	Long-term average number of days per month where tmin is less than or equal to 10F
mly-tmin-avgnds-lsth020	Long-term average number of days per month where tmin is less than or equal to 20F
mly-tmin-avgnds-lsth032	Long-term average number of days per month where tmin is less than or equal to 32F
mly-tmin-avgnds-lsth040	Long-term average number of days per month where tmin is less than or equal to 40F
mly-tmin-avgnds-lsth050	Long-term average number of days per month where tmin is less than or equal to 50F
mly-tmin-avgnds-lsth060	Long-term average number of days per month where tmin is less than or equal to 60F
mly-tmin-avgnds-lsth070	Long-term average number of days per month where tmin is less than or equal to 70F
mly-tmin-normal	Long-term averages of monthly minimum temperature
mly-tmin-stddev	Long-term standard deviations of monthly minimum temperature
mtd-prcp-normal	Long-term average month-to-date precipitation totals
mtd-snow-normal	Long-term average month-to-date snowfall totals

III. Additional Information

A. Units

Degrees Fahrenheit or Celsius for maximum, minimum, average, dew point, heat index, wind chill, and air temperature normals and standard deviations depending on user's preference between standard or metric output.

Days for the number of days per month above or below certain threshold, such as days above 90F.

Whole degrees days for heating and cooling degree days (Fahrenheit base).

Inches or millimeters for average monthly/seasonal/annual precipitation, month-to-date/year-to-date precipitation, and percentiles of precipitation depending on user's preference between standard or metric output.

Inches or millimeters for average monthly/seasonal/annual snowfall, month-to-date/year-to-date snowfall, and percentiles of snowfall depending on user's preference between standard or metric output.

Inches or millimeters for percentiles of snow depth depending on user's preference between standard or metric output.

Percent for probabilities of precipitation, snowfall, or snow depth exceeding a specific threshold, as well as cloud and wind percentages.

Degree hours for heating and cooling degree hours.

Millibars/HectoPascals or Inches of Mercury for mean sea level pressure normals depending on user's preference between standard or metric output.

Percent for prevailing and secondary wind direction percentages.

Prevailing and secondary wind directions are represented by 8 values:

1=N, 2=NE, 3=E, 4=SE, 5=S, 6=SW, 7=W, 8=NW

Miles per hour or meters per second for wind speeds and vector magnitudes depending on user's preference between standard or metric output.

Special values

-9999: missing or insufficient data (text data)

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

-6666: parameter undefined; insufficient occurrences to compute
-4444: year-round risk of frost-freeze
blank: missing or insufficient data (pdf only)

B. For further information

For more detailed information, view complete documentation at:
<http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/readme.txt>.

Summary Of Monthly Normals (PDF Version)

Data for the Summary of Monthly Normals include temperature and precipitation related long-term means and standard deviations using the specific 30 year period of 1981 through 2010. Data are broken down into monthly categories and summarized into annual values.

The document consists of up to 4 pages with temperature/precipitation/snowfall and degree day variables (some pages will not be included if data is not available). Station identification information is given at the top of each page.

Temperature page: All temperature values are provided in degrees Fahrenheit and the page is divided into four broad headings: Mean, Cooling Degree Days, Heating Degree Days or Mean Number of Days. Each heading is further divided into smaller columns below it for specific observational elements as defined below.

Mean:

Month: A value for the specific month is given (i.e. 1=January, 2=February, etc.) The summations of all months (i.e. annual values) are labeled as Summary. These labels apply across the entire row into the other headings.

Daily Max: Daily maximum temperature

Daily Min: Daily minimum temperature

Mean: Daily mean temperature

Long Term Max Std. Dev.: Standard deviation of daily maximum temperature

Long Term Min Std. Dev. : Standard deviation of daily minimum temperature

Long Term Avg. Std. Dev.: Standard deviation of daily mean temperature

Cooling Degree Days:

55: Mean number of base 55F cooling degree days for the month/year

57: Mean number of base 57F cooling degree days for the month/year

60: Mean number of base 60F cooling degree days for the month/year

65: Mean number of base 65F cooling degree days for the month/year

70: Mean number of base 70F cooling degree days for the month/year

72: Mean number of base 72F cooling degree days for the month/year

Heating Degree Days:

55: Mean number of base 55F heating degree days for the month/year

57: Mean number of base 57F heating degree days for the month/year

60: Mean number of base 60F heating degree days for the month/year

65: Mean number of base 65F heating degree days for the month/year

Mean Number of Days:

Max>=100: Mean number of days that the maximum temperature is equal to or greater than 100 F

Max>=90: Mean number of days that the maximum temperature is equal to or greater than 90 F
Max>=50: Mean number of days that the maximum temperature is equal to or greater than 50 F
Max <=32: Mean number of days that the maximum temperature is equal to or less than 32 F
Min <=32: Mean number of days that the minimum temperature is equal to or less than 32 F
Min <=0: Mean number of days that the minimum temperature is equal to or less than 0 F

Precipitation page: All precipitation values are provided in inches (either tenths or hundredths) and the page is divided into two broad headings: Precipitation or Snow. Each heading is further divided into smaller columns below it for specific observational elements as defined below.

Precipitation section (summation):

Month: A value for the specific month is given (i.e. 1=January, 2=February, etc.). The summations of all months (i.e. annual values) are labeled as Summary. These labels apply across the entire row into the other headings.

Mean: The mean monthly total precipitation in hundredths of inches. The summary row at the bottom gives the annual total.

Mean Number of Days: The mean number of days per month/year that daily precipitation equals or exceeds specific threshold amounts.

>=0.01: Mean number of days that precipitation daily totals equal or exceed 0.01 inches for the month/year

>=0.10: Mean number of days that precipitation daily totals equal or exceed 0.10 inches for the month/year

>=0.50: Mean number of days that precipitation daily totals equal or exceed 0.50 inches for the month/year

>=1.00: Mean number of days that precipitation daily totals equal or exceed 1.00 inches for the month/year

Precipitation Probabilities: Probability levels that the monthly/annual precipitation amounts will be equal or less than the indicated amounts as derived from the incomplete gamma distribution.

.25: Probability (expressed as a percentage) that the monthly/annual precipitation total will be equal to or less than indicated amount.

.50: Probability (expressed as a percentage) that the monthly/annual precipitation total will be equal to or less than indicated amount.

.75: Probability (expressed as a percentage) that the monthly/annual precipitation total will be equal to or less than indicated amount.

@ Denotes mean number of days greater than 0 but less than 0.05; or insufficient data for calculation (if only @ values appear, page will be omitted).

Snow section (summation):

Mean: The mean snowfall total for the month/year to the nearest tenth of an inch. The summary row at the bottom gives the annual total.

Mean Number of Snowfall Days: The mean number of days per month/year that the daily snowfall total equals or exceeds specific threshold amounts.

>=0.1: Mean number of days that snowfall daily totals equal or exceed 0.1 inches for the month/year

>=1.0: Mean number of days that snowfall daily totals equal or exceed 1.0 inch for the month/year

>=3.0: Mean number of days that snowfall daily totals equal or exceed 3.0 inches for the month/year

>=5.0: Mean number of days that snowfall daily totals equal or exceed 5.0 inches for the month/year

>=10.0: Mean number of days that snowfall daily totals equal or exceed 10.0 inches for the month/year

Mean Number of Snow Depth Days: The mean number of days per month/year that the daily snow depth total equals or exceeds for specific threshold amounts.

>=5.0: Mean number of days that daily snow depth equals or exceeds 5.0 inches for the month/year

>=10.0: Mean number of days that daily snow depth equals or exceeds 10.0 inches for the month/year

Snowfall Probabilities: Probability levels that the monthly/annual snowfall totals will be equal or less than the indicated amounts as derived from the incomplete gamma distribution.

.25: Probability (expressed as a percentage) that the monthly/annual snowfall total will be equal to or less than indicated amount.

.50: Probability (expressed as a percentage) that the monthly/annual snowfall total will be equal to or less than indicated amount.

.75: Probability (expressed as a percentage) that the monthly/annual snowfall total will be equal to or less than indicated amount.