

Climate Summary for August 1, 2023 through August 31, 2023

Station	Temperature			Precipitation		
	High	Low	Average	Departure	Total	Departure
Northwest MN (Division 1)						
AGASSIZ REFUGE, MN	90	45	66.2	-2.1	1.09	-2.16
CASSELTON AGRONOMY FARM, ND	93	51	69.0	1.1	1.63	-0.99
CAVALIER 7NW, ND	91	45	65.6	0.2	0.95	-1.30
CROOKSTON NW EXP STA, MN	93	46	67.9	0.5	1.40	-1.57
DETROIT LAKES 1 NNE, MN	90	49	67.6	1.1	3.25	-0.01
FARGO 3S, ND	93	53	70.6	2.0	3.11	0.37
FARGO HECTOR INTL AP, ND	96	50	71.8	3.1	4.00	1.40
GOODRIDGE 12 NNW, MN	88	36	64.2	0.9	1.62	-1.48
GRAND FORKS INTL AP, ND	96	45	68.3	1.2	1.14	-1.67
GRAND FORKS UNIV (NWS), ND	94	49	69.0	1.2	1.40	-1.63
HALLOCK, MN	91	45	67.4	0.3	1.67	-0.91
LAKE BRONSON DAM, MN	-	-	-	-	1.22	-
MAHNOMEN, MN	87	49	68.8	2.2	1.63	-1.81
MAYVILLE, ND	88	42	63.8	-2.8	1.42	-1.24
PEMBINA, ND	91	46	65.9	-0.1	0.92	-1.64
RED LAKE FALLS, MN	89	48	66.6	-0.4	1.21	-2.29
SABIN, MN	93	48	68.5	-	4.29	-
WARREN WSD, MN	92	47	68.2	0.6	0.45	-
Divisional Average			67.6	0.6	1.80	-1.13
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North Central MN (Division 2)						
BAUDETTE, MN	90	45	66.6	-0.6	3.49	0.06
BEMIDJI, MN	-	-	-	-	2.19	-1.06
CASS LAKE, MN	89	46	66.9	0.3	1.36	-1.70
GRAND RAPIDS FORESTRY LAB, MN	91	47	67.5	2.1	1.41	-1.99
GULL LAKE DAM, MN	91	49	68.9	1.2	2.93	-0.38
INTERNATIONAL FALLS INTL AP, MN	87	41	63.5	0.7	2.35	-0.47
LEECH LAKE, MN	88	48	66.0	-1.0	3.41	0.21
NORTHOME 3S, MN	86	46	64.9	0.8	1.67	-1.53
PARK RAPIDS 2NW, MN	90	45	66.2	-	0.98	-
PARK RAPIDS MUNICIPAL AP, MN	92	46	69.0	2.3	-	-
POKEGAMA DAM, MN	88	47	66.8	1.2	0.90	-2.49
THORHULT, MN	88	42	66.1	0.5	2.59	-

Divisional Average			66.6	0.8	2.12	-1.04
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Northeast MN ([Division 3](#))

BRIMSON 2S, MN	86	36	60.1	-1.2	-	-
COOK 12 W, MN	86	47	64.1	-	2.20	-
DULUTH INTL AP, MN	89	42	65.6	0.1	1.68	-2.05
DULUTH NWS, MN	85	42	62.7	-2.3	1.77	-1.78
ELY, MN	85	44	63.9	-1.2	2.85	-
ELY 25E, MN	-	-	-	-	2.07	-1.41
EMBARRASS, MN	87	39	61.5	0.2	1.39	-2.06
GRAND PORTAGE, MN	-	-	-	-	2.67	-0.37
GUNFLINT LAKE 10 NW, MN	85	42	62.2	-0.9	2.16	-0.63
HIBBING CHISHOLM HIBBING AP, MN	87	37	62.2	0.6	1.05	-2.04
ORR 3E, MN	86	42	61.9	0.9	1.87	-1.19
TOWER 2S, MN	85	40	61.7	-0.2	2.51	-0.95
TWO HARBORS, MN	87	46	64.9	-0.3	2.37	-1.11
TWO HARBORS 7NW, MN	86	38	62.9	-0.8	2.27	-1.38
WOLF RIDGE ELC, MN	89	44	62.3	-1.6	1.83	-1.48
Divisional Average			62.8	-0.6	2.05	-1.37

West Central MN ([Division 4](#))

ALEXANDRIA CHANDLER FIELD, MN	95	53	70.8	2.3	3.02	-0.44
ARTICHOKE LAKE 1 E, MN	98	50	71.6	1.5	5.07	1.84
BIG STONE CITY 2 NW, SD	-	-	-	-	6.37	3.20
CANBY, MN	103	53	72.9	3.1	2.39	-0.96
DAWSON, MN	-	-	-	-	3.55	0.26
GLENWOOD 1N, MN	96	54	70.7	-	-	-
GRANITE FALLS, MN	103	49	73.8	4.1	2.69	-1.12
MC LEOD 3 E, ND	-	-	-	-	2.82	0.19
MILAN 1NW, MN	100	50	72.9	2.3	4.78	1.07
MILBANK, SD	97	52	70.0	1.9	4.74	1.53
MORRIS WEST CENTRAL RESEARCH AND OUTREACH CENTER, MN	98	50	71.4	3.5	3.68	0.22
NEW YORK MILLS, MN	92	51	67.7	2.1	3.21	0.06
SUMMIT 1 W, SD	94	46	70.8	2.4	5.11	2.14
WHEATON, MN	95	53	70.0	-0.1	5.41	2.69
WILMOT, SD	98	52	70.8	2.3	7.26	4.57
Divisional Average			71.1	2.3	4.29	1.09

Central MN (Division 5)

<u>BIRD ISLAND 7SSE, MN</u>	-	-	-	-	2.69	-
<u>BROWNTON WWTP, MN</u>	96	49	70.5	1.8	2.84	-1.55
<u>COLLEGEVILLE ST. JOHN'S, MN</u>	94	48	71.3	2.7	2.70	-1.39
<u>DASSEL 3SE, MN</u>	97	48	71.0	1.3	3.24	-0.19
<u>ELK RIVER, MN</u>	98	50	71.5	2.3	-	-
<u>GAYLORD, MN</u>	99	52	72.6	2.5	-	-
<u>JORDAN 1SSW, MN</u>	95	50	70.7	2.4	1.76	-3.43
<u>KIMBALL 3N, MN</u>	95	49	69.4	2.0	4.39	0.45
<u>LITCHFIELD, MN</u>	96	47	69.5	1.3	-	-
<u>LONG PRAIRIE, MN</u>	96	47	68.5	2.6	3.41	0.04
<u>RICE, MN</u>	97	46	68.7	2.0	2.83	-1.11
<u>ST. CLOUD REGIONAL AIRPORT, MN</u>	97	48	70.6	2.8	4.50	0.50
Divisional Average			70.4	2.2	3.15	-0.84

East Central MN (Division 6)

<u>AMERY, WI</u>	92	48	69.0	0.7	1.17	-2.99
<u>BRAINERD, MN</u>	90	47	68.2	1.5	2.74	-0.85
<u>BRAINERD CROW WING COUNTY AP, MN</u>	92	46	69.0	1.7	2.27	-0.79
<u>BRULE RANGER STATION, WI</u>	87	38	64.5	-0.0	-	-
<u>BRUNO 7ENE, MN</u>	90	41	65.4	0.3	1.68	-2.24
<u>CAMBRIDGE, MN</u>	97	49	70.6	1.6	-	-
<u>CHANHASSEN WSFO, MN</u>	98	50	71.7	2.3	2.63	-2.13
<u>FOREST LAKE 5NE, MN</u>	96	-	-	-	2.25	-
<u>GORDON, WI</u>	89	38	65.4	-0.2	-	-
<u>LUCK, WI</u>	91	48	69.9	1.5	1.61	-2.67
<u>MILACA, MN</u>	94	48	68.7	1.8	3.34	-0.63
<u>MINNEAPOLIS CRYSTAL AIRPORT, MN</u>	99	51	72.9	2.1	3.17	-0.97
<u>MINNEAPOLIS FLYING CLOUD AIRPORT, MN</u>	99	53	74.0	2.6	1.71	-2.95
<u>MINNEAPOLIS-ST. PAUL INTERNATIONAL AIRPORT, MN</u>	98	55	74.7	2.9	2.29	-2.05
<u>MORA, MN</u>	91	45	68.1	1.1	3.96	-0.21
<u>NEW HOPE, MN</u>	99	52	72.7	2.4	3.90	-0.28
<u>PINE RIVER DAM, MN</u>	89	49	68.7	1.1	4.35	1.18
<u>SANDSTONE 6 W, MN</u>	89	41	66.5	1.0	2.26	-1.48
<u>SANDY LAKE DAM LIBBY, MN</u>	89	44	66.0	-0.5	-	-
<u>ST. CROIX FALLS, WI</u>	97	52	70.6	1.2	1.38	-2.31

ST. PAUL DOWNTOWN AIRPORT, MN	98	54	73.7	2.6	3.13	-0.97
STILLWATER 2SW, MN	-	-	-	-	2.25	-2.16
SUPERIOR, WI	91	50	67.2	0.8	0.98	-2.94
UNIVERSITY OF MN ST. PAUL, MN	95	50	70.8	1.0	5.72	1.20
VADNAIS LAKE, MN	97	55	76.0	4.4	3.25	-1.20
WRIGHT 3 E, MN	87	40	63.5	1.0	1.13	-3.00
Divisional Average			69.5	1.5	2.60	-1.45

Southwest MN ([Division 7](#))

ESTHERVILLE MUNICIPAL AP, IA	95	49	70.9	2.9	3.73	0.42
FLANDREAU, SD	100	49	69.8	1.7	3.05	-0.55
LAKEFIELD 2NE, MN	95	49	72.0	3.9	2.63	-1.47
LAMBERTON SOUTHWEST RESEARCH AND OUTREACH CENTER, MN	97	47	71.3	2.5	1.82	-1.73
MARSHALL, MN	103	51	73.1	2.7	1.56	-2.05
PIPESTONE, MN	96	49	71.7	2.2	1.73	-1.73
REDWOOD FALLS MUNICIPAL AIRPORT, MN	100	50	73.3	3.3	1.81	-2.19
ROCK RAPIDS, IA	99	49	72.1	1.4	3.20	0.08
SIOUX FALLS 14 NNE, SD	97	49	71.9	2.8	5.06	1.83
SIOUX FALLS FOSS FIELD, SD	101	53	75.5	3.6	4.54	1.20
SIOUX FALLS WFO AP, SD	102	54	74.5	3.1	5.42	2.08
SPIRIT LAKE, IA	99	52	72.2	2.1	2.62	-1.07
Divisional Average			72.4	2.7	3.10	-0.43

South Central MN ([Division 8](#))

ALBERT LEA 3SE, MN	99	50	72.3	2.7	1.64	-2.63
ALGONA, IA	102	51	71.9	2.2	2.18	-2.09
BLUE EARTH 1S, MN	-	-	-	-	2.27	-1.60
FOREST CITY 2 NNE, IA	98	50	70.7	1.8	2.66	-1.13
LAKE MILLS, IA	-	-	-	-	2.20	-2.05
OSAGE, IA	100	47	71.0	2.0	1.76	-2.19
SHERBURN 3WSW, MN	96	49	70.5	1.7	3.33	0.56
ST ANSGAR, IA	-	-	-	-	2.12	-1.90
WASECA SOUTHERN RESEARCH AND OUTREACH CENTER, MN	94	49	71.2	2.1	3.28	-1.54
WELLS, MN	97	49	72.0	2.5	-	-
WINNEBAGO, MN	98	52	72.2	2.4	2.56	-1.38
Divisional Average			71.5	2.2	2.40	-1.59

Southeast MN (Division 9)

<u>ALMA DAM 4, WI</u>	100	54	72.6	3.0	1.86	-3.14
<u>ALTURA 5W, MN</u>	-	-	-	-	1.03	-4.15
<u>AUSTIN WASTE WATER TREATMENT FACILITY, MN</u>	-	-	-	-	0.92	-3.15
<u>CALEDONIA, MN</u>	101	46	71.1	1.9	0.76	-3.71
<u>DECORAH, IA</u>	105	46	74.9	3.2	0.91	-3.48
<u>DURAND, WI</u>	97	49	71.0	1.4	2.54	-1.97
<u>GENOA DAM 8, WI</u>	102	51	72.0	0.0	2.69	-2.13
<u>GRAND MEADOW, MN</u>	101	47	69.5	2.7	1.00	-3.22
<u>HILLSBORO 2SW, WI</u>	98	36	67.2	0.6	2.29	-2.11
<u>LA CRESCENT DAM 7, MN</u>	-	58	-	-	1.87	-2.44
<u>LA CROSSE 4NNW, WI</u>	-	-	-	-	1.98	-2.18
<u>LA CROSSE REGIONAL AIRPORT, WI</u>	104	50	74.2	1.4	1.38	-2.52
<u>LA CROSSE WFO, WI</u>	97	49	70.5	1.3	2.21	-2.26
<u>LA FARGE, WI</u>	-	-	-	-	1.69	-2.85
<u>LAKE CITY, MN</u>	-	-	-	-	1.91	-2.37
<u>MABEL, MN</u>	99	38	67.6	1.1	1.16	-3.43
<u>MINNESOTA CITY DAM 5, MN</u>	-	54	-	-	1.00	-3.51
<u>PRESTON, MN</u>	-	-	-	-	1.10	-3.19
<u>RED WING, MN</u>	-	-	-	-	2.36	-2.39
<u>RED WING DAM 3, MN</u>	97	52	71.5	1.4	2.39	-2.06
<u>RIVER FALLS, WI</u>	95	48	68.6	0.9	-	-
<u>ROBERTS WWTP, WI</u>	-	-	-	-	2.30	-1.78
<u>ROCHESTER AP 2NE, MN</u>	-	-	-	-	1.55	-2.70
<u>ROCHESTER INTERNATIONAL AIRPORT, MN</u>	97	49	70.6	2.4	1.51	-2.61
<u>ROSEMOUNT RESEARCH AND OUTREACH CENTER, MN</u>	96	49	71.2	2.5	-	-
<u>RUSHFORD, MN</u>	-	44	-	-	2.11	-2.55
<u>THEILMAN 1SSW, MN</u>	-	46	-	-	1.52	-3.16
<u>TREMPEALEAU DAM 6, WI</u>	101	-	-	-	1.41	-2.68
<u>VIROQUA, WI</u>	100	46	69.6	2.3	-	-
<u>WAUKON 3NNE, IA</u>	100	-	-	-	0.73	-3.97
<u>WINONA DAM 5 A, MN</u>	102	53	72.7	1.7	1.34	-3.21
<u>ZUMBROTA, MN</u>	97	48	70.1	2.1	-	-
Divisional Average			70.9	1.8	1.63	-2.82

State Average for Minnesota

69.1

1.4 2.44

-1.28