

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

Station	Temperature				Precipitation	
	High	Low	Average	Departure	Total	Departure
Northwest MN (Division 1)						
ADA, MN	92	40	64.6	-4.1	0.78	-3.12
AGASSIZ REFUGE, MN	89	43	65.3	-4.4	1.32	-2.72
CASSELTON AGRONOMY FARM, ND	93	44	68.0	-1.7	1.09	-2.60
CAVALIER 7NW, ND	92	44	65.5	-1.6	0.80	-2.64
CROOKSTON NW EXP STA, MN	92	43	66.7	-2.3	2.10	-1.17
DETROIT LAKES 1 NNE, MN	93	40	65.7	-2.7	1.18	-3.17
FARGO HECTOR INTL AP, ND	98	48	70.4	-0.3	0.95	-2.12
GEORGETOWN 1 E, MN	96	43	68.5	-2.3	0.59	-3.25
GOODRIDGE 12 NNW, MN	89	33	61.9	-3.5	0.88	-2.94
GRAND FORKS INTL AP, ND	97	42	67.4	-1.5	1.87	-1.65
GRAND FORKS UNIV (NWS), ND	95	46	68.1	-1.4	1.55	-2.00
ITASCA UNIV OF MINN, MN	91	41	64.9	-2.0	1.44	-2.09
LAKE BRONSON DAM, MN	-	-	-	-	1.67	-
MAYVILLE, ND	92	41	63.7	-4.6	0.88	-3.00
PEMBINA, ND	91	45	65.8	-2.2	1.84	-1.48
RED LAKE FALLS, MN	89	42	65.3	-3.4	10.93	7.35
SABIN, MN	93	46	67.1	-	1.86	-
WARREN WSD, MN	90	46	67.4	-2.1	2.03	-
Divisional Average			66.3	-2.5	1.88	-1.77
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North Central MN (Division 2)						
BAUDETTE, MN	90	38	65.0	-4.1	4.33	0.61
BEMIDJI, MN	-	-	-	-	2.32	-1.64
CAMP NORRIS DNR, MN	90	39	62.8	-2.8	-	-
CASS LAKE, MN	91	42	66.1	-2.5	2.08	-1.66
GULL LAKE DAM, MN	93	51	69.5	-0.5	0.41	-3.95
LEECH LAKE, MN	90	45	66.0	-3.1	1.80	-2.57
NORTHOME 3S, MN	88	43	63.9	-2.0	2.75	-1.09
PARK RAPIDS 2NW, MN	93	40	65.0	-	0.97	-
PARK RAPIDS MUNICIPAL AP, MN	97	41	67.1	-1.6	-	-
POKEGAMA DAM, MN	-	-	-	-	2.35	-1.88
THORHULT, MN	90	40	64.8	-2.6	2.61	-
Divisional Average			65.6	-2.4	2.18	-1.74

Northeast MN ([Division 3](#))

BRIMSON 2S, MN	86	36	60.3	-2.7	2.11	-1.97
CELINA 2E, MN	92	33	61.4	-2.5	3.72	-
COOK 12 W, MN	88	44	64.0	-	2.78	-
DULUTH INTL AP, MN	88	46	65.5	-1.5	1.37	-2.55
DULUTH NWS, MN	89	46	64.3	-1.8	1.33	-2.80
ELY, MN	86	47	64.0	-2.4	3.16	-
EMBARRASS, MN	88	39	61.1	-2.3	2.69	-0.93
EVELETH WASTE WATER PLANT, MN	87	-	-	-	2.22	-1.70
FLOODWOOD 3 NE, MN	89	40	64.7	-0.4	1.76	-2.13
HIBBING CHISHOLM HIBBING AP, MN	88	35	61.5	-2.0	2.67	-1.18
KABETOGAMA, MN	90	36	61.7	-2.9	4.61	0.39
ORR 3E, MN	87	38	61.5	-1.6	2.98	-1.15
TOWER 2S, MN	87	39	61.4	-2.7	3.13	-1.18
TWO HARBORS, MN	85	44	63.1	-1.7	2.11	-1.94
TWO HARBORS 7NW, MN	87	41	63.1	-2.3	2.49	-1.18
WOLF RIDGE ELC, MN	82	44	62.8	-2.5	1.53	-1.72
Divisional Average			62.7	-2.1	2.54	-1.54

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

ALEXANDRIA CHANDLER FIELD, MN	93	48	69.6	-1.0	2.67	-1.33
ARTICHOKE LAKE 1 E, MN	93	46	70.3	-2.2	1.77	-2.42
BENSON, MN	95	45	69.6	-2.5	2.41	-1.59
BIG STONE CITY 2 NW, SD	-	-	-	-	1.77	-2.44
CANBY, MN	102	51	71.1	-1.1	1.44	-1.89
DAWSON, MN	-	-	-	-	2.47	-0.80
GLENWOOD 1N, MN	93	51	69.8	-	-	-
GRANITE FALLS, MN	102	46	71.7	-0.7	0.85	-2.42
MADISON WWTP, MN	98	46	70.1	-1.8	1.36	-2.21
MC LEOD 3 E, ND	99	44	68.5	-2.6	2.01	-1.47
MILAN 1NW, MN	98	46	71.2	-1.8	1.52	-2.55
MILBANK, SD	100	47	69.2	-1.4	1.38	-2.42
MORRIS WEST CENTRAL RESEARCH AND OUTREACH CENTER, MN	-	-	-	-	2.96	-1.29
NEW YORK MILLS, MN	93	45	67.1	-1.4	1.70	-3.16
SISSETON, SD	98	48	69.6	-1.8	1.37	-2.30
SUMMIT 1 W, SD	100	44	69.1	-0.9	2.00	-2.07

VICTOR 4 N, SD	93	47	68.6	-2.0	-	-
WHEATON, MN	92	49	69.8	-2.6	2.67	-0.85
WILMOT, SD	-	47	-	-	0.76	-2.90
Divisional Average			69.7	-1.7	1.83	-2.01

Central MN ([Division 5](#))

BROWNTON WWTP, MN	92	49	70.3	-0.6	3.24	-0.29
COLLEGEVILLE ST. JOHN'S, MN	93	49	70.7	-0.2	2.94	-0.96
ELK RIVER, MN	93	49	71.2	-1.0	-	-
GAYLORD, MN	96	51	72.1	-0.6	-	-
JORDAN 1SSW, MN	91	50	69.9	-1.0	-	-
KIMBALL 3N, MN	92	49	69.9	0.3	3.74	-0.38
LITCHFIELD, MN	93	49	69.3	-1.4	-	-
LONG PRAIRIE, MN	93	42	66.6	-1.2	1.22	-3.42
MELROSE, MN	-	-	-	-	1.21	-3.13
RICE, MN	94	44	68.5	-0.7	1.10	-3.00
SEBEKA, MN	98	42	69.2	-	0.94	-
ST. CLOUD REGIONAL AIRPORT, MN	95	45	70.4	0.1	1.83	-1.77
Divisional Average			69.8	-0.6	2.03	-1.85

East Central MN ([Division 6](#))

AMERY, WI	95	49	69.0	-1.4	4.26	-0.36
BRAINERD, MN	96	48	68.4	-0.6	0.35	-4.02
BRAINERD CROW WING COUNTY AP, MN	97	47	68.4	-1.2	0.67	-3.68
BRULE RANGER STATION, WI	90	43	65.0	-1.5	-	-
BRUNO 7ENE, MN	92	44	66.0	-0.9	2.49	-2.48
CAMBRIDGE, MN	99	48	71.6	0.4	0.72	-3.50
CHANHASSEN WSFO, MN	93	50	70.9	-0.8	1.77	-2.10
FOREST LAKE 5NE, MN	-	-	-	-	3.81	-
LUCK, WI	91	46	69.2	-1.2	2.61	-1.73
MILACA, MN	95	48	69.6	0.3	1.41	-2.98
MINNEAPOLIS CRYSTAL AIRPORT, MN	97	51	72.8	-0.1	2.79	-1.40
MINNEAPOLIS FLYING CLOUD AIRPORT, MN	96	53	73.3	-0.6	2.16	-2.18
MINNEAPOLIS-ST. PAUL INTERNATIONAL AIRPORT, MN	96	56	74.5	0.2	2.57	-1.49
MORA, MN	94	45	68.8	-0.3	2.71	-1.99
NEW HOPE, MN	95	53	72.2	-0.5	2.52	-1.99

PATTISON RANGER STAION, WI	93	48	66.8	-0.7	-	-
PINE RIVER DAM, MN	93	50	69.0	-0.7	0.94	-3.36
SANDSTONE 6 W, MN	92	45	66.7	-0.7	4.08	-1.47
SANDY LAKE DAM LIBBY, MN	93	44	66.8	-1.4	1.19	-
ST. CROIX FALLS, WI	94	52	70.5	-0.8	3.85	-0.38
ST. PAUL DOWNTOWN AIRPORT, MN	96	55	73.6	0.3	3.67	-0.30
STILLWATER 2SW, MN	94	53	70.8	-0.0	3.36	-1.02
SUPERIOR, WI	87	51	66.3	-0.8	1.37	-2.51
UNIVERSITY OF MN ST. PAUL, MN	93	52	71.2	-0.9	3.90	-0.65
VADNAIS LAKE, MN	93	50	73.5	0.0	2.95	-1.52
WILD RIVER STATE PARK, MN	96	42	68.8	-1.0	3.68	-0.54
Divisional Average			69.7	-0.6	2.49	-1.89

Southwest MN ([Division 7](#))

FLANDREAU, SD	98	43	67.7	-2.9	1.59	-2.22
LAKEFIELD 2NE, MN	101	49	72.0	1.2	2.07	-2.09
LAMBERTON SOUTHWEST RESEARCH AND OUTREACH CENTER, MN	96	46	69.6	-2.0	1.05	-2.74
MINNEOTA, MN	-	-	-	-	1.58	-1.86
PIPESTONE, MN	97	45	69.8	-2.1	1.55	-1.75
REDWOOD FALLS MUNICIPAL AIRPORT, MN	98	49	72.0	-0.6	0.95	-2.42
ROCK RAPIDS, IA	97	47	70.0	-3.3	2.66	-0.93
SIBLEY, IA	97	48	70.6	-0.6	-	-
SIOUX FALLS 14 NNE, SD	96	47	69.7	-2.0	2.97	-0.47
SIOUX FALLS FOSS FIELD, SD	104	48	74.0	-0.3	1.28	-1.97
SIOUX FALLS WFO AP, SD	100	49	73.0	-1.3	1.29	-2.02
SPIRIT LAKE, IA	96	50	71.0	-1.7	1.15	-2.38
WINDOM, MN	95	47	70.4	-3.5	-	-
Divisional Average			70.8	-1.6	1.65	-1.90

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

ALBERT LEA 3SE, MN	92	46	69.6	-2.4	1.28	-3.53
BLUE EARTH 1S, MN	-	-	-	-	2.26	-2.25
FARIBAULT, MN	-	-	-	-	2.26	-2.38
LAKE MILLS, IA	-	-	-	-	3.14	-1.56
OSAGE, IA	90	46	69.1	-2.5	1.40	-3.57
OWATONNA, MN	93	50	70.6	-1.3	1.65	-3.14
SHERBURN 3WSW, MN	94	47	69.2	-2.3	2.22	-1.83

ST ANSGAR, IA	-	-	-	-	0.79	-3.55
ST. JAMES WWTP, MN	96	50	70.4	-2.0	1.42	-2.70
ST. PETER, MN	94	49	69.9	-1.7	-	-
WASECA SOUTHERN RESEARCH AND OUTREACH CENTER, MN	92	47	69.7	-1.6	1.62	-3.31
WELLS, MN	91	48	70.0	-2.0	2.02	-2.84
WINNEBAGO, MN	94	51	71.1	-1.2	1.26	-2.92
Divisional Average			70.0	-1.9	1.78	-2.80

Southeast MN ([Division 9](#))

ALMA DAM 4, WI	92	54	71.6	-0.1	5.35	0.76
ALTURA 5W, MN	-	-	-	-	2.89	-1.64
AUSTIN WASTE WATER TREATMENT FACILITY, MN	92	46	69.8	-1.2	1.87	-2.98
CALEDONIA, MN	91	49	70.3	-1.1	2.16	-2.15
DECORAH, IA	92	48	72.5	-1.0	3.32	-1.10
DURAND, WI	93	50	70.3	-1.3	5.24	1.33
ELGIN 2SSW, MN	-	-	-	-	3.90	-0.42
ELLSWORTH 1E, WI	92	49	70.0	1.6	6.88	2.77
GENOA DAM 8, WI	92	52	71.0	-2.9	-	-
GRAND MEADOW, MN	89	45	67.9	-1.1	2.30	-2.36
HASTINGS DAM 2, MN	94	55	72.8	-0.4	5.00	0.63
HILLSBORO 2SW, WI	90	41	66.9	-2.0	3.82	-0.59
HOKAH 4NW, MN	-	-	-	-	5.61	1.17
LA CROSSE 4NNW, WI	-	-	-	-	4.32	-0.25
LA CROSSE REGIONAL AIRPORT, WI	94	53	72.7	-2.3	4.44	0.21
LA CROSSE WFO, WI	90	51	69.6	-1.0	4.65	0.39
LA FARGE, WI	-	-	-	-	2.85	-2.00
LAKE CITY, MN	-	-	-	-	4.30	0.07
MABEL, MN	90	41	66.7	-2.2	1.31	-3.16
MINNESOTA CITY DAM 5, MN	93	54	72.5	-0.9	4.65	0.65
PRESTON, MN	90	-	-	-	3.92	-0.25
RED WING, MN	-	-	-	-	3.79	-0.34
RED WING DAM 3, MN	94	51	70.6	-1.8	3.97	0.15
ROBERTS WWTP, WI	-	-	-	-	7.72	3.30
ROCHESTER AP 2NE, MN	-	-	-	-	2.30	-2.06
ROCHESTER INTERNATIONAL AIRPORT, MN	89	46	69.4	-1.1	2.18	-2.01
ROSEMOUNT RESEARCH AND OUTREACH CENTER, MN	92	50	70.3	-0.8	-	-

THEILMAN 1SSW, MN	-	47	-	-	4.50	0.31
TREMPEALEAU DAM 6, WI	92	51	71.6	-0.7	3.97	-0.66
VIROQUA, WI	90	50	69.2	0.2	2.35	-2.23
WAUKON 3NNE, IA	89	-	-	-	3.04	-1.69
WINONA DAM 5 A, MN	94	51	71.8	-1.0	3.15	-0.96
ZUMBROTA, MN	93	46	69.6	-1.0	-	-
Divisional Average			70.3	-1.1	3.86	-0.50
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State Average for Minnesota			68.4	-1.5	2.46	-1.62