

Climate Summary for July 1, 2018 through July 31, 2018

Station	Temperature				Precipitation	
	High	Low	Average	Departure	Total	Departure
Northwest MN (Division 1)						
ADA, MN	91	46	68.7	-1.1	2.69	-0.98
CAVALIER 7NW, ND	90	47	68.8	1.8	2.83	-0.36
CROOKSTON NW EXP STA, MN	89	46	69.7	0.6	1.47	-1.53
DETROIT LAKES 1 NNE, MN	91	44	68.7	-2.1	3.97	0.15
FARGO 3S, ND	91	52	70.3	-	4.03	-
FARGO HECTOR INTL AP, ND	92	46	70.9	-0.1	2.86	0.07
GEORGETOWN 1 E, MN	94	48	70.6	-0.0	2.11	-
GOODRIDGE 12 NNW, MN	87m	37m	65.3m	-0.5	2.81	-0.52
GRAND FORKS INTL AP, ND	92	47	70.0	1.3	3.76	0.61
GRAND FORKS UNIV (NWS), ND	92	51	71.5	1.7	4.00	0.83
HALLOCK, MN	-	-	-	-	1.81	-1.27
ITASCA UNIV OF MINN, MN	87	46	67.5	0.8	3.95	0.11
LAKE BRONSON DAM, MN	-	-	-	-	1.28	-
MAYVILLE, ND	91	48	68.4	-1.1	2.23	-2.39
PEMBINA, ND	92m	47m	69.4m	2.2	1.63m	-1.39
WARREN WSD, MN	90	49	70.5	-	-	-
Divisional Average			69.3	0.3	2.76	-0.56
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North Central MN (Division 2)						
BEMIDJI, MN	-	-	-	-	3.16	-0.79
BIG FALLS, MN	86	44	67.2	-0.2	-	-
CAMP NORRIS DNR, MN	90m	40m	67.8m	1.2	2.43	-1.20
CASS LAKE, MN	89	47	69.8	2.1	4.24	0.21
GRAND RAPIDS FORESTRY LAB, MN	90	45	69.5	1.4	3.38	-0.91
GULL LAKE DAM, MN	87	53	70.6	1.3	3.51	-0.37
INTERNATIONAL FALLS INTL AP, MN	88	40	66.6	1.4	2.58	-1.12
LEECH LAKE, MN	92	54	72.4	4.0	6.15m	2.05
NORTHOME 3S, MN	86	45	67.8	1.2	2.69	-
POKEGAMA DAM, MN	89	44	69.6	1.7	5.05	0.77
THORHULT, MN	89m	43m	68.5m	1.1	2.20m	-
WINNIBIGOSHISH DAM, MN	-	-	-	-	3.07	-1.18
Divisional Average			69.0	1.5	3.50	-0.28

Northeast MN (Division 3)

BABBITT, MN	87m	45m	66.5m	0.8	3.05m	-0.76
BRIMSON 2S, MN	87	40	64.6	1.2	3.11	-1.02
CELINA 2E, MN	86	38	64.5	-	5.22	-
COOK 8NE, MN	87	46	67.3	0.6	8.53	4.87
DULUTH INTL AP, MN	89	49	69.1	3.2	3.28	-0.57
DULUTH NWS, MN	86m	49	67.0m	-	3.45	-
ELY 25E, MN	89m	50m	68.9m	2.7	3.94m	0.22
EMBARRASS, MN	88	42	64.4	2.9	3.55	-0.46
EVELETH WASTE WATER PLANT, MN	88	48	68.3	2.3	4.71	0.56
FLOODWOOD 3 NE, MN	87m	42m	66.4m	1.5	-	-
GRAND MARAIS, MN	80	43	59.9	-1.6	2.96	-0.16
GRAND PORTAGE, MN	83	44	64.2	1.6	2.66	-0.95
GUNFLINT LAKE 10 NW, MN	87	48	66.6	1.8	4.25	0.55
HIBBING CHISHOLM HIBBING AP, MN	87	39	64.5	0.3	3.18	-1.20
ISABELLA 14W, MN	88m	45m	66.4m	-	3.18m	-
ISLAND LAKE 4E, MN	87	48	67.0	-	4.49	-
ORR 3E, MN	85	41	64.1	0.7	7.87	3.70
TOWER 2S, MN	86	41	65.4	1.5	6.93	2.83
TOWER DNR, MN	89	47	67.4	1.2	6.39	2.54
TWO HARBORS, MN	84m	46m	65.9m	1.2	4.70m	0.95
TWO HARBORS 7NW, MN	88m	45m	66.7m	1.6	4.21m	0.46
WOLF RIDGE ELC, MN	90	47	67.4	2.0	2.24	-1.22
Divisional Average			66.0	1.4	4.38	0.61

West Central MN (Division 4)

ALEXANDRIA MUNICIPAL AP, MN	92	54	73.1	2.6	4.40	0.98
ARTICHOKE LAKE 1 E, MN	90	52m	72.3m	0.8	-	-
BIG STONE CITY 2 NW, SD	-	-	-	-	6.15m	2.54
BROWNS VALLEY, MN	95	51	71.3	-0.0	9.19	5.72
CANBY, MN	93	54	72.0	-0.7	4.14m	0.81
DAWSON, MN	-	-	-	-	4.55	1.43
LIDGERWOOD, ND	94	53	71.4	-0.5	4.37m	0.99
MADISON WWTP, MN	91	52	71.2	-1.3	4.65	1.15
MC LEOD 3 E, ND	94	50	70.4	-1.2	3.48m	0.10
MILAN 1 NW, MN	92	52	73.5	0.8	4.88	0.96
MILBANK, SD	92m	53m	70.7m	-	3.92m	-
MONTEVIDEO 1SW, MN	-	-	-	-	4.71	1.06

<u>MORRIS WEST CENTRAL RESEARCH AND OUTREACH CENTER, MN</u>	90	52	70.5	0.1	6.63	2.75
<u>ORWELL DAM, MN</u>	93	48	70.0	-0.8	4.45	1.00
<u>OTTERTAIL, MN</u>	88m	54m	70.4m	-0.2	5.61m	1.42
<u>SISSETON, SD</u>	93	53	71.3	-0.7	6.29	2.88
<u>VICTOR 4 N, SD</u>	92	51	70.0	-0.9	-	-
<u>WHEATON, MN</u>	93	55	72.0	0.4	5.14m	2.06
<u>WILMOT, SD</u>	94m	46m	70.6m	-0.8	-	-
Divisional Average			71.3	-0.2	5.16	1.72

Central MN (Division 5)

<u>BROWNTON WWTP, MN</u>	89	51	70.6	-1.2	5.14	1.56
<u>COLLEGEVILLE ST. JOHN'S, MN</u>	88	53	72.0	-0.5	4.44	0.82
<u>DASSEL 3SE, MN</u>	90	52	71.7	-1.4	3.42	-0.60
<u>ELK RIVER, MN</u>	91	52	71.4	-1.5	-	-
<u>KIMBALL 3N, MN</u>	87	50	69.6	-0.4	-	-
<u>LESTER PRAIRIE 2S, MN</u>	-	-	-	-	3.57	-
<u>LITCHFIELD, MN</u>	89	51	70.0	-1.7	-	-
<u>LONG PRAIRIE, MN</u>	88	50	67.8	-1.3	6.34	2.41
<u>MELROSE, MN</u>	89	53	70.6	0.7	6.00	2.37
<u>ROCKFORD, MN</u>	-	-	-	-	3.08	-0.64
<u>ST CLOUD REGIONAL AP, MN</u>	91	50	70.8	0.4	4.84	1.53
<u>WILLMAR 5N, MN</u>	89	52	70.5	-	-	-
Divisional Average			70.5	-0.8	4.60	1.06

East Central MN (Division 6)

<u>BRAINERD, MN</u>	88	48	69.6	0.8	3.34	-0.44
<u>BRULE RANGER STATION, WI</u>	-	-	-	-	2.97m	-1.13
<u>BRUNO 7ENE, MN</u>	87	46	67.0	0.6	3.41	-1.14
<u>CHANHASSEN WSFO, MN</u>	92	53	71.3	-0.7	4.75	1.16
<u>GORDON, WI</u>	90	47	69.1	1.3	2.30	-2.20
<u>ISLE 12N, MN</u>	90	50	69.7	2.1	7.89	4.14
<u>LOWER ST. ANTHONY FALLS, MN</u>	94m	60m	74.2m	-1.4	2.21	-2.24
<u>LUCK, WI</u>	86m	51m	70.7m	0.5	5.03m	1.22
<u>MILACA, MN</u>	95	51	70.6	1.2	4.64	0.60
<u>MINNEAPOLIS CRYSTAL AIRPORT, MN</u>	93	51	73.2	0.5	3.25	-0.88
<u>MINNEAPOLIS FLYING CLOUD AIRPORT, MN</u>	94	54	73.7	0.2	3.59	-0.61

<u>MINNEAPOLIS ST PAUL INTL AP, MN</u>	95	58	75.0	1.2	4.44	0.40
<u>MOOSE LAKE 1 SSE, MN</u>	87m	50m	68.8m	0.0	4.78m	0.65
<u>MORA, MN</u>	88	51	70.2	0.9	11.03	7.04
<u>NEW HOPE, MN</u>	92	53	72.3	-0.6	4.15m	0.04
<u>PATTISON RANGER STAION, WI</u>	89	50	69.4	2.1	2.96	-1.47
<u>PINE RIVER DAM, MN</u>	88	55	70.9	1.8	4.71	0.84
<u>SANDSTONE 6 W, MN</u>	87m	50m	68.0m	0.4	6.72	2.45
<u>SANDY LAKE DAM LIBBY, MN</u>	88	49	69.7	1.5	5.41	0.98
<u>ST PAUL DOWNTOWN AIRPORT, MN</u>	93	55	73.1	-0.8	3.35	-1.11
<u>ST. CROIX FALLS, WI</u>	88	53	71.1	-1.1	3.16	-0.85
<u>STILLWATER 2SW, MN</u>	90	54	71.2	-0.0	4.76	0.46
<u>SUPERIOR, WI</u>	91m	53m	69.8m	3.1	2.75m	-1.06
<u>UNIV OF MINN ST PAUL, MN</u>	95	57	76.6	2.9	4.07	-0.26
<u>VADNAIS LAKE, MN</u>	90m	58m	73.9m	-0.4	-	-
<u>WILD RIVER STATE PARK, MN</u>	88	48	69.9	0.1	3.93	-0.19
<u>WRIGHT 3 E, MN</u>	85	45	65.5	-1.0	3.70	-0.49
Divisional Average			70.9	0.6	4.36	0.23

Southwest MN ([Division 7](#))

<u>BROOKINGS 2 NE, SD</u>	91	51	70.5	0.2	9.54	6.29
<u>COLTON, SD</u>	-	-	-	-	3.43	-0.10
<u>ESTHERVILLE MUNICIPAL AP, IA</u>	93	51	71.2	-0.6	4.02	0.07
<u>FLANDREAU, SD</u>	93m	52m	70.6m	-0.1	5.92m	2.49
<u>LAMBERTON SOUTHWEST RESEARCH AND OUTREACH CENTER, MN</u>	92	52	71.9	0.1	6.18	2.44
<u>LUVERNE, MN</u>	-	-	-	-	4.54	0.92
<u>MARSHALL, MN</u>	-	-	-	-	10.31m	6.75
<u>MINNEOTA, MN</u>	-	-	-	-	6.59m	3.03
<u>PIPESTONE, MN</u>	92	51	71.9	0.5	5.15	1.81
<u>REDWOOD FALLS, MN</u>	93m	54m	71.5m	-1.1	12.23m	8.71
<u>REDWOOD FALLS MUNICIPAL AIRPORT, MN</u>	92	53	72.0	-0.5	8.88	5.27
<u>ROCK RAPIDS, IA</u>	94	53	73.3	0.1	3.63	-0.06
<u>SIBLEY, IA</u>	93	51	72.1	1.0	4.25m	1.16
<u>SIOUX FALLS 14 NNE, SD</u>	92m	51m	71.7m	-0.1	4.87	1.76
<u>SIOUX FALLS EROS CTR, SD</u>	-	-	-	-	5.31	-
<u>SIOUX FALLS FOSS FIELD, SD</u>	95	52	73.2	0.2	4.94	1.85
<u>SIOUX FALLS WFO AP, SD</u>	97m	54m	74.3m	-	4.58	-

SPIRIT LAKE, IA	93	51	72.8	-0.5	5.06	1.74
TRACY, MN	-	-	-	-	10.56	7.39
WINDOM, MN	-	-	-	-	4.71	0.66
WORTHINGTON 2 NNE, MN	92	52	70.9	-0.7	4.66	1.02
Divisional Average			72.0	-0.1	6.16	2.80

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

ALBERT LEA 3 SE, MN	94	52	71.9	-0.1	4.46	-0.10
AMBOY, MN	96	55	73.3	0.2	3.84	-0.46
BLUE EARTH 1S, MN	-	-	-	-	6.12	-
BRICELYN, MN	-	-	-	-	3.83m	-0.49
FARIBAULT, MN	-	-	-	-	3.79	-0.47
LAKE MILLS, IA	-	-	-	-	5.44	0.89
NEW ULM 3SE, MN	91	51	70.5	-	4.90	-
OSAGE, IA	92	55	71.9	-0.1	4.07	-0.51
OWATONNA, MN	95	52	71.9	-0.0	3.22	-1.44
SHERBURN 3 WSW, MN	92	53	71.7	-	2.31	-
ST ANSGAR, IA	-	-	-	-	4.11	-0.34
SWEA CITY 4W, IA	91	51	70.6	-1.1	5.71	1.28
WASECA SOUTHERN RESEARCH AND OUTREACH CENTER, MN	94	50	71.1	-0.9	4.38	-0.04
WELLS, MN	94	53	71.4	-1.2	3.99	-0.44
WINNEBAGO, MN	95m	55	72.6m	0.4	5.31	1.08
Divisional Average			71.7	-0.4	4.37	-0.09

Southeast MN ([Division 9](#))

ALMA DAM 4, WI	91	58	73.9	0.7	3.88	-0.89
ALTURA 5W, MN	-	-	-	-	4.97	0.56
AUSTIN WASTE WATER TREATMENT FACILITY, MN	93	52	71.0	0.4	5.45	0.70
BALDWIN, WI	89	47	68.7	-	2.38	-1.82
CALEDONIA, MN	90	54	71.8	1.0	4.36	-0.21
CALMAR NE, IA	-	-	-	-	5.41	-
CRESCO 1 NE, IA	92	51	71.5	1.1	6.61	2.06
DECORAH, IA	92	50	72.5	-0.1	5.61	1.34
DURAND, WI	93	51	72.3	0.3	6.10	2.04
ELGIN 2SSW, MN	-	-	-	-	2.94	-1.59
ELLSWORTH 1E, WI	90	50	69.3	-1.5	2.81	-1.57

ELMA, IA	-	-	-	-	3.87	-
GENOA DAM 8, WI	93	57	75.0	1.2	4.60	0.00
GRAND MEADOW, MN	91	50	69.6	0.2	4.78	-0.01
HASTINGS DAM 2, MN	94	58	74.3	2.0	2.94	-1.40
HILLSBORO 2SW, WI	90	45	69.0	-	3.21	-
HOKAH 4NW, MN	-	-	-	-	4.82	-
LA CRESCENT DAM 7, MN	90m	61m	75.1m	-	4.00	-0.39
LA CROSSE 4NNW, WI	-	-	-	-	4.01	-0.39
LA CROSSE MUNICIPAL AP, WI	95	56	75.4	1.7	2.40	-1.86
LA CROSSE WFO, WI	89	55	71.0	0.2	4.33	-0.18
LA FARGE, WI	-	-	-	-	2.21	-2.59
LAKE CITY, MN	-	-	-	-	3.15	-1.49
MABEL, MN	88	47	68.3	-	5.20m	-
MINNESOTA CITY DAM 5, MN	92	58	76.2	-	4.08	-0.16
ONTARIO 3E, WI	-	-	-	-	1.43	-3.24
POSTVILLE, IA	91	53	71.9	-0.9	3.76	-0.69
PRESTON, MN	96	61	78.0	7.1	4.03	-0.33
READSTOWN, WI	-	-	-	-	2.21m	-2.32
RED WING, MN	-	-	-	-	1.49	-2.32
RED WING DAM 3, MN	94m	52m	73.1m	0.8	1.91m	-1.75
RIVER FALLS, WI	96	48	70.5	0.2	-	-
ROBERTS WWTP, WI	-	-	-	-	2.41	-2.22
ROCHESTER AP 2NE, MN	-	-	-	-	4.90	0.42
ROCHESTER INTL AP, MN	90	52	70.4	-0.9	2.88	-1.67
ROSEMOUNT RESEARCH AND OUTREACH CENTER, MN	92	51	71.6	0.1	-	-
RUSHFORD, MN	91	52	71.1	-0.1	4.94	0.57
THEILMAN 1SSW, MN	97	53	72.6	1.3	5.52	1.14
TREMPEALEAU DAM 6, WI	90	57	74.5	1.8	3.30	-1.08
VIROQUA, WI	90m	53m	69.8m	0.5	2.89m	-1.59
WABASHA, MN	-	-	-	-	4.56	0.01
WESTBY 3ENE, WI	-	-	-	-	2.31	-2.11
WINONA DAM 5 A, MN	92	58	73.1	1.3	3.41	-0.82
ZUMBROTA, MN	93	50	70.4	0.2	2.67	-1.58
Divisional Average			72.1	0.8	3.78	-0.74

State Average for Minnesota **70.3** **0.5** **4.33** **0.42**