

Climate Summary for July 1, 2019 through July 31, 2019

Station	Temperature				Precipitation	
	High	Low	Average	Departure	Total	Departure
Northwest MN (Division 1)						
ADA, MN	93	43	69.5	-0.3	4.67	1.00
CASSELTON AGRONOMY FARM, ND	89	49	71.1	0.8	5.18	1.72
CAVALIER 7NW, ND	89	43	69.1	2.1	1.76	-1.43
DETROIT LAKES 1 NNE, MN	88	41	70.0	-0.8	4.72	0.90
FARGO HECTOR INTL AP, ND	91	45	72.3	1.3	4.70	1.91
GEORGETOWN 1 E, MN	91	46	72.1	1.5	9.11	-
GOODRIDGE 12 NNW, MN	86	36	65.4	-0.4	5.15	1.82
GRAND FORKS INTL AP, ND	90	43	70.3	1.6	3.50	0.35
GRAND FORKS UNIV (NWS), ND	90	46	71.5	1.7	3.98	0.81
HALLOCK, MN	-	-	-	-	5.36	2.28
LAKE BRONSON DAM, MN	-	-	-	-	3.31	-
MAYVILLE, ND	89	45	69.2	-0.3	4.82	0.20
SABIN, MN	90	46	70.6	-	6.70	-
TAMARAC WILDLIFE REF, MN	90	49	71.1	2.8	-	-
Divisional Average			70.2	0.9	4.84	0.96
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North Central MN (Division 2)						
BEMIDJI, MN	-	-	-	-	2.93	-1.02
BIG FALLS, MN	86	43	67.3	-0.2	-	-
CAMP NORRIS DNR, MN	86	39	67.5	1.0	4.98	1.35
CASS LAKE, MN	90	43	70.0	2.3	1.81	-2.22
GRAND RAPIDS FORESTRY LAB, MN	90	46	70.1	2.0	2.03	-2.26
GULL LAKE DAM, MN	88	51	71.3	2.0	3.44	-0.44
INTERNATIONAL FALLS INTL AP, MN	86	37	66.1	0.9	5.56	1.86
LEECH LAKE, MN	90	48	71.8	3.4	1.77	-2.47
NORTHOME 3S, MN	86	42	67.3	0.7	3.51	-
POKEGAMA DAM, MN	87	48	69.5	1.7	1.87	-2.41
WINNIBIGOSHISH DAM, MN	86	48	69.7	-	2.27	-1.98
Divisional Average			69.1	1.5	3.02	-1.07
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Northeast MN (Division 3)						
BRIMSON 2S, MN	86	37	65.2	1.9	4.37	0.24
CELINA 2E, MN	86	36	64.9	-	3.12	-

DULUTH INTL AP, MN	89	49	71.1	5.2	2.63	-1.22
DULUTH NWS, MN	85	48	68.0	-	2.59	-
ELY 25E, MN	92	46	68.0	1.8	-	-
EMBARRASS, MN	87	40	65.3	3.8	3.19	-0.82
EVELETH WASTE WATER PLANT, MN	86	48	68.8	2.8	3.62	-0.53
FLOODWOOD 3 NE, MN	86	43	67.0	2.2	2.20	-1.86
GRAND PORTAGE, MN	-	-	-	-	5.41	1.80
HIBBING CHISHOLM HIBBING AP, MN	87	37	65.0	0.7	2.14	-2.24
ISLAND LAKE 4E, MN	87	47	67.6	-	2.71	-
KABETOGAMA, MN	88	39	66.0	0.6	3.84	0.08
ORR 3E, MN	85	40	64.5	1.1	3.33	-0.84
TOWER 2S, MN	-	-	-	-	4.51	0.41
TWO HARBORS 7NW, MN	85	43	67.2	2.1	3.96	0.09
Divisional Average			66.8	2.2	3.40	-0.44

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

ALEXANDRIA MUNICIPAL AP, MN	93	51	74.1	3.6	3.97	0.55
ARTICHOKE LAKE 1 E, MN	95	49	73.4	1.9	7.43	3.33
BIG STONE CITY 2 NW, SD	-	-	-	-	6.14	2.41
BROWNS VALLEY, MN	95	48	71.8	0.5	6.41	2.94
CANBY, MN	94	52	72.7	0.1	8.00	4.57
DAWSON, MN	-	-	-	-	6.08	2.96
LIDGERWOOD, ND	91	52	72.1	0.3	-	-
MADISON WWTP, MN	93	51	72.9	0.4	6.36	2.86
MC LEOD 3 E, ND	89	47	71.9	0.4	4.41	0.90
MILAN 1NW, MN	94	49	74.4	1.7	8.51	4.59
MILBANK, SD	92	52	71.3	-	7.74	-
MORRIS WEST CENTRAL RESEARCH AND OUTREACH CENTER, MN	92	48	71.2	0.9	4.54	0.66
NEW YORK MILLS, MN	86	46	68.9	-0.3	4.87	0.91
ROTHSAY, MN	88	49	71.3	0.9	4.35	0.78
SUMMIT 1 W, SD	90	47	70.7	1.0	8.35	4.59
VICTOR 4 N, SD	91	50	71.2	0.4	-	-
WHEATON, MN	92	52	72.4	0.8	-	-
WILMOT, SD	94	50	72.4	1.0	6.80	3.39
Divisional Average			72.0	0.9	6.26	2.53

Central MN ([Division 5](#))

BIRD ISLAND 7SSE, MN	-	-	-	-	7.74	-
BROWNTON WWTP, MN	93	53	72.3	0.4	5.69	2.11
COLLEGEVILLE ST. JOHN'S, MN	92	52	72.6	0.2	3.13	-0.49
DASSEL 3SE, MN	94	53	73.0	-0.1	4.14	0.12
DELANO, MN	93	53	73.0	1.3	-	-
ELK RIVER, MN	94	54	73.3	0.4	-	-
GAYLORD, MN	94	54	73.4	1.1	-	-
JORDAN 1SSW, MN	92	52	71.7	1.0	-	-
KIMBALL 3N, MN	89	50	70.3	0.3	-	-
LESTER PRAIRIE 2S, MN	-	-	-	-	5.85	-
LITCHFIELD, MN	93	54	71.8	0.1	-	-
LONG PRAIRIE, MN	87	47	68.5	-0.6	4.95	1.02
MELROSE, MN	92	51	71.8	2.0	3.98	0.35
RICE, MN	92	47	70.7	0.6	3.72	-0.17
ROCKFORD, MN	-	-	-	-	6.44	2.72
ST CLOUD REGIONAL AP, MN	92	49	71.4	1.1	5.32	2.01
WILLMAR 5N, MN	92	53	71.6	-	-	-
Divisional Average			71.8	0.6	5.10	0.96

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

AMERY, WI	91	49	71.8	1.3	8.14	4.10
BRAINERD, MN	88	48	70.5	1.7	4.23	0.45
BRULE RANGER STATION, WI	88	46	68.1	1.4	2.14	-2.09
BRUNO 7ENE, MN	88	47	68.9	2.6	4.66	0.11
CAMBRIDGE 5ESE, MN	-	-	-	-	5.72	-
CHANHASSEN WSFO, MN	92	54	72.1	0.1	4.94	1.35
GORDON, WI	91	46	70.3	2.4	4.57	0.07
LOWER ST. ANTHONY FALLS, MN	-	-	-	-	6.53	2.08
MILACA, MN	91	50	71.4	2.0	4.68	0.64
MINNEAPOLIS CRYSTAL AIRPORT, MN	95	54	74.0	1.3	5.43	1.30
MINNEAPOLIS FLYING CLOUD AIRPORT, MN	94	57	74.4	1.0	5.73	1.53
MINNEAPOLIS ST PAUL INTL AP, MN	95	59	75.4	1.6	6.48	2.44
NEW HOPE, MN	93	55	73.2	0.4	6.24	1.99
PINE RIVER DAM, MN	88	50	71.6	2.4	3.27	-0.60
SANDSTONE 6 W, MN	89	48	69.2	1.7	8.66	4.39
SANDY LAKE DAM LIBBY, MN	88	47	70.4	2.2	4.39	-0.04
ST. CROIX FALLS, WI	90	52	72.1	-0.1	6.24	2.23

ST. PAUL DOWNTOWN AIRPORT, MN	93	55	73.8	-0.2	5.14	0.68
UNIVERSITY OF MN ST. PAUL, MN	93	54	72.5	-1.2	4.75	0.42
VADNAIS LAKE, MN	91	61	76.3	1.9	-	-
WILD RIVER STATE PARK, MN	91	47	71.0	1.2	6.38	2.26
WRIGHT 3 E, MN	85	41	64.6	-1.9	3.10	-1.09
Divisional Average			71.6	1.1	5.31	1.11

Southwest MN ([Division 7](#))

BROOKINGS 2 NE, SD	91	51	71.5	1.1	6.70	3.45
COLTON, SD	-	-	-	-	4.20	0.67
ESTHERVILLE 4E, IA	96	50	72.1	0.7	5.78	1.64
ESTHERVILLE MUNICIPAL AP, IA	-	-	-	-	5.37	1.42
FLANDREAU, SD	93	52	71.3	0.6	6.74	3.20
LAKEFIELD 2NE, MN	93	50	71.9	0.8	5.34	1.56
LAMBERTON SOUTHWEST RESEARCH AND OUTREACH CENTER, MN	92	51	72.8	1.0	6.86	3.12
MINNEOTA, MN	-	-	-	-	7.11	3.43
PIPESTONE, MN	95	52	73.0	1.6	3.98	0.64
REDWOOD FALLS, MN	94	52	72.3	-0.3	8.02	4.38
REDWOOD FALLS MUNICIPAL AIRPORT, MN	95	52	72.9	0.4	4.36	0.75
ROCK RAPIDS, IA	96	54	74.3	1.2	8.17	4.48
SIBLEY, IA	92	53	72.7	1.6	7.58	4.40
SIOUX FALLS 14 NNE, SD	93	51	72.5	0.7	5.67	2.56
SIOUX FALLS FOSS FIELD, SD	96	54	75.2	2.2	6.76	3.67
SIOUX FALLS WFO AP, SD	95	57	75.0	-	6.40	-
SPIRIT LAKE, IA	93	54	73.4	0.1	4.44	1.12
WORTHINGTON 2 NNE, MN	95	51	72.4	0.8	6.04	2.40
Divisional Average			72.9	0.9	6.08	2.52

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

ALBERT LEA 3SE, MN	92	56	73.9	1.9	4.98	0.42
ALGONA, IA	-	53	-	-	4.61	0.21
BLUE EARTH 1S, MN	-	-	-	-	5.12	-
BRICELYN, MN	-	-	-	-	4.36	-0.10
FARIBAULT, MN	-	-	-	-	8.07	3.81
LAKE MILLS, IA	-	-	-	-	4.77	0.22
NEW ULM 3SE, MN	91	50	71.2	-	6.67	-
NORTHWOOD, IA	90	53	71.0	0.3	5.20	0.64

OSAGE, IA	92	54	73.5	1.5	8.68	4.10
OWATONNA, MN	94	53	73.3	1.3	-	-
SHERBURN 3WSW, MN	94	51	73.2	-	4.48	-
ST ANSGAR, IA	-	-	-	-	7.59	3.14
WASECA SOUTHERN RESEARCH AND OUTREACH CENTER, MN	93	53	72.6	0.6	6.43	2.01
WELLS, MN	93	51	73.6	1.0	5.78	1.35
WINNEBAGO, MN	93	-	-	-	5.65	1.42
Divisional Average			72.8	1.1	5.89	1.57

Southeast MN (Division 9)

ALMA DAM 4, WI	92	56	73.6	0.4	8.89	4.12
ALTURA 5W, MN	-	-	-	-	7.34	2.93
AUSTIN WASTE WATER TREATMENT FACILITY, MN	91	53	72.7	2.0	3.78	-0.97
BALDWIN, WI	89	48	70.1	-	6.94	2.74
CALEDONIA, MN	92	54	73.8	3.0	7.12	2.55
CRESCO 1 NE, IA	93	48	73.6	3.2	6.02	1.47
DECORAH, IA	94	53	75.2	2.6	5.93	1.66
ELGIN 2SSW, MN	-	-	-	-	7.31	2.78
ELLSWORTH 1E, WI	92	50	72.0	1.3	3.88	-0.50
GENOA DAM 8, WI	93	59	75.3	1.5	5.86	1.26
GRAND MEADOW, MN	90	50	71.5	2.1	4.67	-0.12
HASTINGS DAM 2, MN	94	59	75.0	2.7	4.25	-0.09
HILLSBORO 2SW, WI	91	47	71.4	-	8.47	-
HOKAH 4NW, MN	-	-	-	-	7.44	-
LA CRESCENT DAM 7, MN	95	62	75.7	-	6.90	2.51
LA CROSSE 4NNW, WI	-	-	-	-	7.66	3.26
LA CROSSE MUNICIPAL AP, WI	97	54	77.1	3.4	6.55	2.29
LA CROSSE WFO, WI	91	55	72.3	1.5	6.03	1.52
LA FARGE, WI	-	-	-	-	9.92	5.12
LAKE CITY, MN	-	-	-	-	5.63	0.99
MABEL, MN	90	47	71.6	-	5.74	-
MINNESOTA CITY DAM 5, MN	94	57	75.3	-	6.37	2.13
PRESTON, MN	92	47	71.5	0.6	4.38	0.02
RED WING, MN	-	-	-	-	7.34	3.53
RED WING DAM 3, MN	94	56	74.0	1.6	8.43	4.64
RIVER FALLS, WI	92	49	70.9	0.6	-	-

<u>ROBERTS WWTP, WI</u>	-	-	-	-	8.67	4.04
<u>ROCHESTER INTL AP, MN</u>	90	52	72.2	0.8	7.38	2.83
<u>THEILMAN 1SSW, MN</u>	96	52	74.9	3.6	10.17	5.79
<u>TREMPEALEAU DAM 6, WI</u>	93	55	75.2	2.5	6.56	2.18
<u>VIROQUA, WI</u>	91	52	71.5	2.2	9.33	4.70
<u>WABASHA, MN</u>	-	-	-	-	8.27	3.72
<u>WESTBY 3ENE, WI</u>	-	-	-	-	9.11	4.69
<u>WINONA DAM 5 A, MN</u>	-	-	-	-	5.57	1.34
<u>ZUMBROTA, MN</u>	97	50	72.3	2.2	7.63	3.38
Divisional Average			73.3	2.0	6.93	2.47
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State Average for Minnesota			71.4	1.2	5.53	1.50