

Climate Summary for September 1, 2019 through September 30, 2019

| Station | Temperature | | | Precipitation | | |
|--|-------------|-----|---------|---------------|-------|-----------|
| | High | Low | Average | Departure | Total | Departure |
| Northwest MN (Division 1) | | | | | | |
| ADA, MN | 88 | 30 | 59.4 | 1.3 | 4.18 | 1.54 |
| CASSELTON AGRONOMY FARM, ND | 87 | 37 | 59.9 | 1.3 | 5.62 | 3.04 |
| CAVALIER 7NW, ND | 85 | 37 | 56.9 | 1.4 | 6.65 | 4.78 |
| FARGO 3S, ND | 88 | 35 | 61.2 | - | 3.52 | - |
| FARGO HECTOR INTL AP, ND | 88 | 33 | 60.9 | 1.8 | 4.47 | 1.90 |
| GOODRIDGE 12 NNW, MN | - | - | - | - | 10.01 | 7.51 |
| GRAND FORKS INTL AP, ND | 90 | 40 | 59.3 | 2.4 | 8.14 | 6.09 |
| GRAND FORKS UNIV (NWS), ND | 87 | 40 | 59.4 | 1.4 | 9.07 | 7.02 |
| ITASCA UNIV OF MINN, MN | 85 | 31 | 57.1 | 2.4 | 4.83 | 1.53 |
| LAKE BRONSON DAM, MN | - | - | - | - | 5.63 | - |
| MAYVILLE, ND | 87 | 37 | 57.6 | 0.0 | 5.97 | 3.58 |
| PEMBINA, ND | 86 | 40 | 57.5 | 2.3 | 8.25 | 6.10 |
| SABIN, MN | 88 | 34 | 59.9 | - | 3.94 | - |
| Divisional Average | | | 59.0 | 1.6 | 6.18 | 4.31 |
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| North Central MN (Division 2) | | | | | | |
| BEMIDJI, MN | - | - | - | - | 4.70 | 1.60 |
| CAMP NORRIS DNR, MN | 85 | 34 | 54.8 | -0.1 | - | - |
| CASS LAKE, MN | 85 | 30 | 58.2 | 2.0 | 5.34 | 2.20 |
| GRAND RAPIDS FORESTRY LAB, MN | 86 | 30 | 58.1 | 1.7 | 4.92 | 1.60 |
| GULL LAKE DAM, MN | 83 | 39 | 60.1 | 2.6 | 8.03 | 5.06 |
| INTERNATIONAL FALLS INTL AP, MN | 84 | 29 | 55.8 | 2.2 | 6.64 | 3.65 |
| LEECH LAKE, MN | 83 | 32 | 57.5 | 0.3 | 5.02 | 1.88 |
| NORTHOME 3S, MN | 79 | 32 | 56.3 | 0.6 | - | - |
| POKEGAMA DAM, MN | - | - | - | - | 4.70 | 1.34 |
| THORHULT, MN | 84 | 34 | 57.5 | 1.4 | 5.43 | - |
| Divisional Average | | | 57.3 | 1.3 | 5.60 | 2.48 |
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| Northeast MN (Division 3) | | | | | | |
| BABBITT, MN | 84 | 26 | 55.5 | 2.1 | 4.66 | 0.63 |
| COOK 8NE, MN | 81 | 36 | 55.9 | 0.5 | 5.88 | 2.11 |
| DULUTH INTL AP, MN | 83 | 37 | 59.6 | 4.0 | 5.76 | 1.65 |
| DULUTH NWS, MN | - | - | - | - | 5.35 | - |
| ELY, MN | 82 | 37 | 56.2 | - | 6.68 | - |

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|---|----|----|------|------|------|------|
| ELY 25E, MN | 84 | 35 | 55.9 | 0.5 | - | - |
| EMBARRASS, MN | 82 | 27 | 55.0 | 4.2 | 5.10 | 1.17 |
| FLOODWOOD 3 NE, MN | 82 | 27 | 57.4 | 3.2 | - | - |
| GRAND MARAIS, MN | 67 | 41 | 53.4 | -2.5 | 4.26 | 1.26 |
| GRAND PORTAGE, MN | 76 | 36 | 54.6 | 0.8 | 5.11 | 1.62 |
| HIBBING CHISHOLM HIBBING AP, MN | 82 | 26 | 54.3 | 1.2 | 5.13 | 2.06 |
| ISLAND LAKE 4E, MN | 78 | 34 | 55.8 | - | - | - |
| KABETOGAMA, MN | 84 | 29 | 54.6 | 0.6 | 5.38 | 1.52 |
| ORR 3E, MN | 80 | 28 | 53.5 | -0.1 | - | - |
| TOWER 2S, MN | 82 | 27 | 55.0 | 2.0 | 7.07 | 3.07 |
| TWO HARBORS, MN | - | - | - | - | 5.84 | 1.78 |
| TWO HARBORS 7NW, MN | 77 | 31 | 56.1 | 1.7 | 6.33 | 2.42 |
| WOLF RIDGE ELC, MN | 82 | 33 | 55.2 | 0.4 | - | - |
| Divisional Average | | | 55.5 | 1.3 | 5.58 | 1.75 |

West Central MN (Division 4)

| | | | | | | |
|--|----|----|------|-----|------|------|
| ALEXANDRIA CHANDLER FIELD, MN | - | - | - | - | 7.30 | 4.40 |
| ARTICHOKE LAKE 1 E, MN | - | - | - | - | 5.47 | 2.75 |
| BENSON, MN | - | - | - | - | 6.28 | 3.01 |
| BIG STONE CITY 2 NW, SD | - | - | - | - | 4.80 | 2.18 |
| CANBY, MN | 88 | 38 | 64.5 | 3.6 | 5.42 | 2.42 |
| DAWSON, MN | - | - | - | - | 4.28 | 1.46 |
| GRANITE FALLS, MN | 91 | 37 | 65.0 | 5.1 | 6.10 | 2.77 |
| LIDGERWOOD, ND | 88 | 36 | 62.2 | 2.3 | 5.89 | 3.35 |
| MADISON WWTP, MN | 88 | 36 | 63.2 | 2.7 | 5.15 | 2.38 |
| MILAN 1NW, MN | 90 | 36 | 65.9 | 4.2 | 4.86 | 1.70 |
| MILBANK, SD | 87 | 37 | 61.5 | - | 3.97 | - |
| MORRIS WEST CENTRAL RESEARCH AND OUTREACH CENTER, MN | 87 | 37 | 61.4 | 2.4 | 6.64 | 3.74 |
| NEW YORK MILLS, MN | 83 | 32 | 58.0 | 0.8 | - | - |
| SISSETON, SD | 89 | 35 | 62.8 | 2.5 | 6.36 | 3.55 |
| VICTOR 4 N, SD | 87 | 36 | 61.0 | 2.3 | - | - |
| WHEATON, MN | 89 | 37 | 62.8 | 3.4 | 6.15 | 3.06 |
| WILMOT, SD | 89 | 37 | 62.3 | 2.8 | 4.97 | 2.36 |
| Divisional Average | | | 62.5 | 2.9 | 5.58 | 2.79 |

Central MN (Division 5)

| | | | | | | |
|-----------------------------------|----|----|------|-----|------|------|
| BROWNTON WWTP, MN | 87 | 40 | 63.3 | 3.1 | 6.41 | 2.65 |
|-----------------------------------|----|----|------|-----|------|------|

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|--|----|----|------|-----|------|------|
| COLLEGEVILLE ST. JOHN'S, MN | 83 | 38 | 62.6 | 1.4 | 8.67 | 5.15 |
| DELANO, MN | 86 | 42 | 65.3 | 5.5 | - | - |
| ELK RIVER, MN | 88 | 39 | 62.3 | 1.6 | - | - |
| GAYLORD, MN | 88 | 44 | 64.8 | 4.7 | - | - |
| JORDAN 1SSW, MN | 87 | 43 | 63.8 | 4.2 | 4.49 | 1.08 |
| KIMBALL 3N, MN | 85 | 38 | 61.4 | 2.1 | 5.50 | - |
| LITCHFIELD, MN | 86 | 40 | 61.9 | 2.5 | - | - |
| LONG PRAIRIE, MN | 85 | 34 | 59.1 | 1.9 | 7.73 | 4.25 |
| MELROSE, MN | 87 | 38 | 61.5 | 3.2 | 6.79 | 3.55 |
| RICE, MN | 86 | 36 | 60.8 | 2.1 | 8.01 | 4.58 |
| ROCKFORD, MN | - | - | - | - | 5.94 | 2.49 |
| ST. CLOUD REGIONAL AIRPORT, MN | 86 | 38 | 61.8 | 3.3 | 7.55 | 4.09 |
| WILLMAR 5N, MN | 86 | 41 | 62.0 | - | 6.65 | - |
| Divisional Average | | | 62.4 | 3.0 | 6.77 | 3.48 |

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

| | | | | | | |
|--|----|----|------|-----|-------|------|
| AMERY, WI | 84 | 43 | 61.7 | 2.2 | 6.60 | 2.93 |
| BRAINERD, MN | 85 | 34 | 59.6 | 3.0 | 8.05 | 4.87 |
| BRULE RANGER STATION, WI | 81 | 33 | 58.0 | 2.3 | - | - |
| BRUNO 7ENE, MN | 83 | 35 | 58.3 | 2.6 | 9.02 | 5.18 |
| CAMBRIDGE 5ESE, MN | - | - | - | - | 5.52 | - |
| CHANHASSEN WSFO, MN | 86 | 44 | 63.5 | 2.9 | 5.46 | 2.03 |
| GORDON, WI | 82 | 36 | 58.7 | 2.2 | 7.21 | 3.13 |
| LOWER ST. ANTHONY FALLS, MN | - | - | - | - | 5.12 | 1.64 |
| MILACA, MN | - | 38 | - | - | 7.59 | 4.13 |
| MINNEAPOLIS CRYSTAL AIRPORT, MN | 88 | 43 | 64.9 | 3.7 | 3.83 | 0.34 |
| MINNEAPOLIS FLYING CLOUD AIRPORT, MN | 88 | 45 | 65.7 | 3.8 | 4.25 | 0.71 |
| MINNEAPOLIS-ST. PAUL INTERNATIONAL AIRPORT, MN | 88 | 45 | 66.7 | 4.7 | 3.92 | 0.84 |
| MOOSE LAKE 1 SSE, MN | 85 | 40 | 61.6 | 3.7 | 9.77 | 6.08 |
| NEW HOPE, MN | 87 | 43 | 64.5 | 3.4 | 4.39 | 0.30 |
| PINE RIVER DAM, MN | 84 | 36 | 60.2 | 2.8 | 5.78 | 2.64 |
| SANDSTONE 6 W, MN | - | - | - | - | 10.36 | 7.02 |
| SANDY LAKE DAM LIBBY, MN | 81 | 34 | 58.5 | 0.9 | 6.17 | 2.79 |
| ST. CROIX FALLS, WI | 85 | 43 | 63.5 | 2.5 | - | - |
| ST. PAUL DOWNTOWN AIRPORT, MN | 86 | 46 | 65.3 | 2.8 | 4.29 | 0.84 |
| UNIVERSITY OF MN ST. PAUL, MN | 86 | 43 | 63.5 | 0.6 | 4.88 | 1.53 |

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|---|----|----|------|------|------|------|
| WILD RIVER STATE PARK, MN | 85 | 30 | 61.2 | 3.0 | 6.25 | 2.43 |
| WRIGHT 3 E, MN | 81 | 31 | 55.1 | -1.5 | 5.93 | 2.20 |
| Divisional Average | | | 61.7 | 2.5 | 6.22 | 2.72 |

Southwest MN ([Division 7](#))

| | | | | | | |
|--|----|----|------|-----|-------|------|
| BROOKINGS 2 NE, SD | 86 | 37 | 62.9 | 3.8 | 7.16 | 3.97 |
| CLEAR LAKE, SD | 85 | 36 | 62.1 | 3.0 | 5.72 | 2.55 |
| ESTHERVILLE MUNICIPAL AP, IA | 86 | 42 | 64.8 | 4.1 | 5.77 | 2.49 |
| FLANDREAU, SD | 86 | 38 | 62.9 | 4.0 | 10.15 | 6.98 |
| LAKEFIELD 2NE, MN | 87 | 40 | 64.2 | 4.5 | 5.21 | 2.12 |
| LAMBERTON SOUTHWEST RESEARCH AND OUTREACH CENTER, MN | 88 | 40 | 64.4 | 3.9 | 6.09 | 2.77 |
| MARSHALL, MN | 91 | 34 | 65.4 | 4.4 | 7.14 | 4.05 |
| PIPESTONE, MN | 87 | 39 | 64.1 | 4.2 | 9.94 | 6.70 |
| REDWOOD FALLS, MN | 88 | 41 | 64.1 | 2.8 | 5.67 | 2.51 |
| REDWOOD FALLS MUNICIPAL AIRPORT, MN | 90 | 42 | 65.3 | 4.1 | 4.42 | 1.39 |
| ROCK RAPIDS, IA | 88 | 42 | 66.1 | 4.9 | 4.57 | 1.44 |
| SIOUX FALLS 14 NNE, SD | - | - | - | - | 8.78 | 5.62 |
| SIOUX FALLS FOSS FIELD, SD | 88 | 42 | 67.4 | 6.1 | 4.50 | 1.73 |
| SIOUX FALLS WFO AP, SD | 88 | 42 | 66.9 | - | 4.63 | - |
| SPIRIT LAKE, IA | 90 | 46 | 66.7 | 3.8 | 5.92 | 2.98 |
| WINDOM, MN | 90 | 45 | 67.0 | 4.8 | 5.11 | 1.82 |
| WORTHINGTON 2 NNE, MN | 86 | 40 | 64.3 | 4.0 | 4.72 | 1.47 |
| Divisional Average | | | 64.9 | 4.2 | 6.21 | 3.16 |

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

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|------------------------------------|----|----|------|-----|------|------|
| ALBERT LEA 3SE, MN | 87 | 46 | 65.8 | 4.9 | 6.08 | 2.50 |
| ALGONA, IA | 88 | 47 | 66.8 | 5.7 | - | - |
| BLUE EARTH 1S, MN | - | - | - | - | 4.98 | - |
| FARIBAULT, MN | - | - | - | - | 7.52 | 4.08 |
| NEW ULM 3SE, MN | - | 42 | - | - | 3.25 | - |
| NORTHWOOD, IA | 83 | 46 | 63.5 | 3.7 | 6.08 | 2.62 |
| OSAGE, IA | 89 | 46 | 65.5 | 4.3 | 7.48 | 3.90 |
| OWATONNA, MN | 88 | 45 | 65.1 | 3.9 | 7.53 | 3.82 |
| SHERBURN 3WSW, MN | 87 | 42 | 65.5 | - | 4.77 | - |
| ST. JAMES WWTP, MN | 89 | 43 | 65.8 | 5.0 | 4.32 | 0.90 |
| SWEA CITY 5N, IA | 87 | 44 | 64.3 | 3.7 | - | - |

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|---|----|----|------|-----|------|------|
| <u>WASECA SOUTHERN RESEARCH AND OUTREACH CENTER, MN</u> | 87 | 43 | 64.8 | 3.5 | 6.69 | 3.02 |
| <u>WELLS, MN</u> | 87 | 43 | 66.1 | 4.4 | 7.77 | 4.48 |
| <u>WINNEBAGO, MN</u> | 88 | 46 | 66.1 | 4.7 | 6.02 | 2.70 |
| Divisional Average | | | 65.4 | 4.4 | 6.04 | 3.11 |

Southeast MN ([Division 9](#))

| | | | | | | |
|---|----|----|------|-----|-------|------|
| <u>ALMA DAM 4, WI</u> | 86 | 49 | 65.3 | 2.2 | 6.52 | 2.20 |
| <u>ALTURA 5W, MN</u> | - | - | - | - | 8.32 | 4.50 |
| <u>AUSTIN WASTE WATER TREATMENT FACILITY, MN</u> | 85 | 45 | 64.7 | 4.8 | - | - |
| <u>BALDWIN, WI</u> | 82 | 43 | 61.0 | - | 5.29 | 1.52 |
| <u>CALEDONIA, MN</u> | 83 | 47 | 65.0 | 5.1 | 8.77 | 4.97 |
| <u>CRESCO 1 NE, IA</u> | 87 | 44 | 65.2 | 5.7 | 7.83 | 3.99 |
| <u>DECORAH, IA</u> | 90 | 47 | 68.8 | 6.2 | 5.65 | 2.32 |
| <u>DURAND, WI</u> | 86 | 48 | 64.4 | 3.5 | 7.20 | 3.35 |
| <u>ELLSWORTH 1E, WI</u> | 84 | - | - | - | 6.23 | 1.90 |
| <u>GENOA DAM 8, WI</u> | 84 | 51 | 66.4 | 2.8 | 6.90 | 3.15 |
| <u>GRAND MEADOW, MN</u> | 83 | 43 | 63.1 | 4.3 | 8.41 | 4.50 |
| <u>HASTINGS DAM 2, MN</u> | 88 | 47 | 66.4 | 5.1 | 4.95 | 1.66 |
| <u>HILLSBORO 2SW, WI</u> | 83 | 40 | 61.7 | - | 8.36 | - |
| <u>HOKAH 4NW, MN</u> | - | - | - | - | 7.32 | - |
| <u>LA CRESCENT DAM 7, MN</u> | 80 | 53 | 66.1 | - | - | - |
| <u>LA CROSSE 4NNW, WI</u> | - | - | - | - | 6.74 | 3.02 |
| <u>LA CROSSE MUNICIPAL AP, WI</u> | 91 | 51 | 69.1 | 6.3 | 6.77 | 3.21 |
| <u>LA CROSSE WFO, WI</u> | 85 | 46 | 64.6 | 3.6 | 6.82 | 3.04 |
| <u>LA FARGE, WI</u> | - | - | - | - | 8.52 | 4.72 |
| <u>LAKE CITY, MN</u> | - | - | - | - | 5.64 | 2.30 |
| <u>MABEL, MN</u> | 82 | 42 | 62.4 | - | 12.51 | - |
| <u>MINNESOTA CITY DAM 5, MN</u> | - | - | - | - | 8.56 | 4.86 |
| <u>PRESTON, MN</u> | - | - | - | - | 9.46 | 5.70 |
| <u>RED WING, MN</u> | - | - | - | - | 6.20 | 2.35 |
| <u>RIVER FALLS, WI</u> | 84 | 42 | 62.5 | 2.9 | - | - |
| <u>ROBERTS WWTP, WI</u> | - | - | - | - | 6.06 | 2.24 |
| <u>ROCHESTER INTL AP, MN</u> | 89 | 46 | 65.1 | 4.2 | 8.35 | 4.90 |
| <u>ROSEMOUNT RESEARCH AND OUTREACH CENTER, MN</u> | 87 | 44 | 63.8 | 3.0 | - | - |
| <u>RUSHFORD, MN</u> | 85 | 44 | 64.6 | 4.5 | 9.52 | 5.51 |
| <u>THEILMAN 1SSW, MN</u> | 88 | 43 | 66.2 | 6.0 | - | - |

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|--|----|----|-------------|------------|-------------|-------------|
| <u>TREMPEALEAU DAM 6, WI</u> | 84 | 50 | 66.2 | 4.1 | 6.61 | 2.83 |
| <u>VIROQUA, WI</u> | 81 | 44 | 62.3 | 3.7 | - | - |
| <u>WABASHA, MN</u> | - | - | - | - | 6.56 | 2.50 |
| <u>WESTBY 3ENE, WI</u> | - | - | - | - | 7.77 | 4.31 |
| <u>WINONA DAM 5 A, MN</u> | 84 | 51 | 66.0 | 4.4 | 5.85 | 2.21 |
| <u>ZUMBROTA, MN</u> | - | - | - | - | 7.21 | 3.41 |
| Divisional Average | | | 64.8 | 4.3 | 7.36 | 3.38 |
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| State Average for Minnesota | | | 61.8 | 3.0 | 6.32 | 3.04 |