

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 11-Jul-2021

| Name                             | Capacity in Millions of Cubic Feet |        | Water Elevation | Millions of Cubic Feet |      |      | Gates (Inches)<br>G:=Gate O:=Overflow |
|----------------------------------|------------------------------------|--------|-----------------|------------------------|------|------|---------------------------------------|
|                                  | Winter                             | Summer |                 | In Res                 | Gain | Loss |                                       |
| Lac Vieux Desert                 | 652                                | 652    | 1,680.71        | 266                    | 4    |      | 2.0                                   |
| Twin Lakes                       | 313                                | 261    | 1,682.40        | 286                    | 2    |      | 1.0                                   |
| Buckatabon                       | 130                                | 130    | 1,641.20        | 115                    |      |      | 4.0                                   |
| Long-On-Deerskin                 | 400                                | 332    | 1,698.09        | 239                    |      | 2    | 2.0                                   |
| Little Deerskin                  | 22                                 | 22     | 1,641.86        | 18                     | 1    |      | 1.0                                   |
| Seven Mile                       | 93                                 | 93     | 1,649.72        | 83                     |      | 1    | 1.0                                   |
| Lower Nine Mile                  | 121                                | 121    | 1,643.44        | 110                    |      | 5    | 4.0                                   |
| Burnt Rollways                   | 779                                | 471    | 1,625.48        | 701                    |      | 21   | 4.0                                   |
| Sugar Camp                       | 471                                | 180    | 1,597.07        | 398                    | 2    |      | 1.0                                   |
| Little St. Germain               | 79                                 | 79     | 1,613.70        | 71                     |      | 1    | 5.0                                   |
| Big St. Germain                  | 202                                | 91     | 1,590.50        | 158                    |      | 1    | 26.0                                  |
| Pickerel                         | 337                                | 92     | 1,590.04        | 276                    | 2    |      | 7.0                                   |
| Rainbow                          | 2,185                              | 2,185  | 1,595.37        | 1,872                  |      | 97   | 15.0                                  |
| North Pelican                    | 218                                | 0      | 1,569.00        | 133                    |      | 2    | 4.0                                   |
| South Pelican                    | 305                                | 77     | 1,591.73        | 266                    |      |      | 1.0                                   |
| Minocqua                         | 628                                | 283    | 1,584.56        | 488                    |      | 5    | 8.0                                   |
| Squirrel                         | 182                                | 165    | 1,564.70        | 164                    |      |      | 1.5                                   |
| Willow                           | 3,302                              | 3,302  | 1,527.75        | 2,822                  |      | 132  | 13.0                                  |
| Rice                             | 1,808                              | 1,808  | 1,462.08        | 1,585                  | 19   |      | 12.0, 4.0                             |
| Spirit                           | 756                                | 756    | 1,436.94        | 672                    |      | 10   | 2.0                                   |
| Total Upper System               | 12,983                             | 11,100 |                 | 10,713                 | 30   | 277  |                                       |
| Net Storage Change Upper System  |                                    |        |                 |                        |      | 247  |                                       |
| Percent in Storage Upper System  |                                    |        |                 | 82.52                  |      |      |                                       |
|                                  |                                    |        |                 |                        |      |      |                                       |
| Big Eau Pleine                   | 4,457                              | 4,457  | 1,144.23        | 4,097                  | 9    |      | 2.0                                   |
| Total Entire System              | 17,440                             | 15,557 |                 | 14,810                 | 39   | 277  |                                       |
| Net Storage Change Entire System |                                    |        |                 |                        |      | 238  |                                       |
| Percent in Storage Entire System |                                    |        |                 | 84.92                  |      |      |                                       |

| Year | Millions of Cubic Feet in Storage |               |
|------|-----------------------------------|---------------|
|      | Upper System                      | Entire System |
| 2012 | 8,996                             | 12,967        |
| 2013 | 11,320                            | 15,642        |
| 2014 | 10,991                            | 15,334        |
| 2015 | 9,896                             | 14,191        |
| 2016 | 10,840                            | 15,090        |
| 2017 | 11,004                            | 15,215        |
| 2018 | 10,455                            | 14,426        |
| 2019 | 10,492                            | 14,856        |
| 2020 | 11,394                            | 15,563        |
| 2021 | 10,713                            | 14,810        |

| Weekly Average Flow Analysis |         |          |             |          |
|------------------------------|---------|----------|-------------|----------|
| Item                         | Merrill |          | Wis. Rapids |          |
|                              | MCF     | Avg. CFS | MCF         | Avg. CFS |
| Gain In Storage              |         |          |             |          |
| Loss In Storage              | 247     | 408      | 238         | 394      |
| Regulated Flow               |         | 1,949    |             | 5,395    |
| Net Used Release             | 247     | 408      | 238         | 394      |
| Natural Flow                 |         | 1,541    |             | 5,001    |

PROVISIONAL DATA SUBJECT TO REVISION  
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| Authorized Reservoir Water Level Limits |         |                             |         |                            |               |                 |                  |                 |                 |
|-----------------------------------------|---------|-----------------------------|---------|----------------------------|---------------|-----------------|------------------|-----------------|-----------------|
| Reservoir                               | Winter  |                             | Summer  |                            | Reservoir     | Winter          |                  | Summer          |                 |
|                                         | Maximum | Minimum                     | Maximum | Minimum                    |               | Maximum         | Minimum          | Maximum         | Minimum         |
| Lac Vieux Desert                        | 1680.73 | 1679.36                     | 1680.73 | 1679.36                    | Pickereel     | 1590.34         | 1581.34          | 1590.34         | 1589.34         |
| Twin Lakes                              | 1682.57 | 1680.57<br>Oct 1 to May 31  | 1682.57 | 1680.91<br>Jun 1 to Sep 30 |               |                 | Sep 16 to May 31 |                 | Jun 1 to Sep 15 |
|                                         |         |                             |         |                            | Rainbow       | 1597.05         | 1575.05          | 1597.05         | 1575.05         |
| Buckatahpon                             | 1641.52 | 1638.35                     | 1641.52 | 1638.35                    | North Pelican | 1569.60         | 1566.60          | 1569.10         | 1568.77         |
| Long-on-Deerskin                        | 1698.43 | 1695.84<br>Oct 1 to May 31  | 1698.43 | 1696.51<br>Jun 1 to Sep 30 |               |                 | Sep 16 to May 31 |                 | Jun 1 to Sep 15 |
|                                         |         |                             |         |                            | South Pelican | 1591.98         | 1589.98          | 1591.98         | 1591.48         |
| Little Deerskin                         | 1642.16 | 1640.49                     | 1642.16 | 1640.49                    |               | Nov 1 to Mar 31 |                  | Apr 1 to Oct 31 |                 |
| Seven Mile                              | 1650.14 | 1645.81                     | 1650.14 | 1645.81                    | Minocqua      | 1585.05         | 1582.72          | 1585.05         | 1584.05         |
| Lower Nine Mile                         | 1643.76 | 1639.18                     | 1643.76 | 1639.18                    |               |                 | Oct 1 to May 31  |                 | Jun 1 to Sep 30 |
| Burnt Rollways                          | 1625.71 | 1622.96<br>Nov 1 to Apr 30  | 1625.71 | 1624.21<br>May 1 to Oct 31 | Squirrel      | 1564.93         | 1562.51          | 1564.93         | 1562.76         |
|                                         |         |                             |         |                            |               |                 | Oct 1 to May 31  |                 | Jun 1 to Sep 30 |
| Sugar Camp                              | 1597.82 | 1592.32                     | 1597.32 | 1595.32                    | Willow        | 1529.35         | 1510.85          | 1529.35         | 1510.85         |
|                                         |         | Sep 16 to May 31            |         | Jun 1 to Sep 15            | Rice          | 1463.25         | 1450.00          | 1463.25         | 1450.00         |
| Little St. Germain                      | 1613.88 | 1612.05                     | 1613.88 | 1612.05                    | Spirit        | 1437.88         | 1424.88          | 1437.88         | 1424.88         |
| Big St. Germain                         | 1591.16 | 1588.16<br>Sep 16 to May 31 | 1590.66 | 1589.33<br>Jun 1 to Sep 15 | Eau Pleine    | 1145.43         | 1125.00          | 1145.43         | 1125.00         |