

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 08-Nov-2020

| 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           | 1,680.73        | 270                    |           |            | 2.0                                   |
| Twin Lakes                              | 313                                | 261           | 1,682.28        | 267                    |           | 5          | 1.0                                   |
| Buckatabon                              | 130                                | 130           | 1,641.28        | 119                    |           |            | 4.0                                   |
| Long-On-Deerskin                        | 400                                | 332           | 1,698.26        | 258                    |           | 13         | 5.5                                   |
| Little Deerskin                         | 22                                 | 22            | 1,641.94        | 19                     |           |            | 4.0                                   |
| Seven Mile                              | 93                                 | 93            | 1,649.80        | 85                     |           |            | 1.0                                   |
| Lower Nine Mile                         | 121                                | 121           | 1,643.65        | 117                    | 4         |            | 6.0                                   |
| Burnt Rollways                          | 779                                | 471           | 1,625.63        | 752                    | 64        |            | 6.0                                   |
| Sugar Camp                              | 471                                | 180           | 1,597.54        | 442                    |           | 5          | 18.0                                  |
| Little St. Germain                      | 79                                 | 79            | 1,613.76        | 73                     | 1         |            | 3.0                                   |
| Big St. Germain                         | 202                                | 91            | 1,590.52        | 159                    |           |            | 24.0                                  |
| Pickernel                               | 337                                | 92            | 1,590.05        | 276                    |           | 1          | 6.0                                   |
| Rainbow                                 | 2,185                              | 2,185         | 1,595.89        | 1,965                  |           | 63         | 24.0                                  |
| North Pelican                           | 218                                | 0             | 1,569.10        | 139                    | 1         |            | 18.0                                  |
| South Pelican                           | 305                                | 77            | 1,591.70        | 261                    |           | 24         | 12.0, 16.0                            |
| Minocqua                                | 628                                | 283           | 1,584.42        | 448                    |           | 11         | 14.0                                  |
| Squirrel                                | 182                                | 165           | 1,564.78        | 170                    |           | 7          | 3.5                                   |
| Willow                                  | 3,302                              | 3,302         | 1,526.81        | 2,560                  |           | 19         | 13.0                                  |
| Rice                                    | 1,808                              | 1,808         | 1,462.10        | 1,589                  |           | 76         | 12.0, 12.0                            |
| Spirit                                  | 756                                | 756           | 1,436.38        | 624                    | 27        |            | 1.0                                   |
| <b>Total Upper System</b>               | <b>12,983</b>                      | <b>11,100</b> |                 | <b>10,590</b>          | <b>97</b> | <b>224</b> |                                       |
| <b>Net Storage Change Upper System</b>  |                                    |               |                 |                        |           | <b>127</b> |                                       |
| <b>Percent in Storage Upper System</b>  |                                    |               |                 | <b>81.57</b>           |           |            |                                       |
| <b>Big Eau Pleine</b>                   | <b>4,457</b>                       | <b>4,457</b>  | <b>1,141.97</b> | <b>3,445</b>           |           | <b>42</b>  | <b>2.0</b>                            |
| <b>Total Entire System</b>              | <b>17,440</b>                      | <b>15,557</b> |                 | <b>14,034</b>          | <b>97</b> | <b>266</b> |                                       |
| <b>Net Storage Change Entire System</b> |                                    |               |                 |                        |           | <b>169</b> |                                       |
| <b>Percent in Storage Entire System</b> |                                    |               |                 | <b>80.47</b>           |           |            |                                       |

| Year | Millions of Cubic Feet in Storage |               |
|------|-----------------------------------|---------------|
|      | Upper System                      | Entire System |
| 2011 | 6,455                             | 9,611         |
| 2012 | 5,651                             | 7,853         |
| 2013 | 9,506                             | 13,079        |
| 2014 | 11,229                            | 15,593        |
| 2015 | 7,405                             | 10,131        |
| 2016 | 10,352                            | 14,291        |
| 2017 | 10,874                            | 13,975        |
| 2018 | 11,600                            | 15,925        |
| 2019 | 10,820                            | 14,851        |
| 2020 | 10,590                            | 14,034        |

| Item             | Weekly Average Flow Analysis |          |             |          |
|------------------|------------------------------|----------|-------------|----------|
|                  | Merrill                      |          | Wis. Rapids |          |
|                  | MCF                          | Avg. CFS | MCF         | Avg. CFS |
| Gain In Storage  |                              |          |             |          |
| Loss In Storage  | 127                          | 210      | 169         | 279      |
| Regulated Flow   |                              | 2,842    |             | 4,309    |
| Net Used Release | 127                          | 210      | 169         | 279      |
| Natural Flow     |                              | 2,632    |             | 4,030    |

PROVISIONAL DATA SUBJECT TO REVISION

REPORT CREATED:04/20/2021 16:01

### Authorized Reservoir Water Level Limits

| Reservoir          | Winter  |         | Summer  |         | Reservoir     | Winter           |         | Summer          |                 |
|--------------------|---------|---------|---------|---------|---------------|------------------|---------|-----------------|-----------------|
|                    | Maximum | Minimum | Maximum | Minimum |               | Maximum          | Minimum | Maximum         | Minimum         |
| Lac Vieux Desert   | 1680.90 | 1679.36 | 1680.90 | 1679.36 | Pickerel      | 1590.34          | 1581.34 | 1590.34         | 1589.34         |
| Twin Lakes         | 1682.57 | 1680.57 | 1682.57 | 1680.91 |               | Sep 16 to May 31 |         |                 | Jun 1 to Sep 15 |
| Buckatahpon        | 1641.52 | 1638.35 | 1641.52 | 1638.35 | Rainbow       | 1597.05          | 1575.05 | 1597.05         | 1575.05         |
| Long-on-Deerskin   | 1698.43 | 1695.84 | 1698.43 | 1696.51 | North Pelican | 1569.60          | 1566.60 | 1569.10         | 1568.77         |
|                    |         |         |         |         |               | Sep 16 to May 31 |         |                 | Jun 1 to Sep 15 |
| Little Deerskin    | 1642.16 | 1640.49 | 1642.16 | 1640.49 | South Pelican | 1591.98          | 1589.98 | 1591.98         | 1591.48         |
| Seven Mile         | 1650.14 | 1645.81 | 1650.14 | 1645.81 |               | Nov 1 to Mar 31  |         | Apr 1 to Oct 31 |                 |
| Lower Nine Mile    | 1643.76 | 1639.18 | 1643.76 | 1639.18 | Minocqua      | 1585.05          | 1582.72 | 1585.05         | 1584.05         |
| Burnt Rollways     | 1625.71 | 1622.96 | 1625.71 | 1624.21 |               | Oct 1 to May 31  |         | Jun 1 to Sep 30 |                 |
| Sugar Camp         | 1597.82 | 1592.32 | 1597.32 | 1595.32 | Squirrel      | 1564.93          | 1562.51 | 1564.93         | 1562.76         |
|                    |         |         |         |         |               | Oct 1 to May 31  |         | Jun 1 to Sep 30 |                 |
| Little St. Germain | 1613.88 | 1612.05 | 1613.88 | 1612.05 | Willow        | 1529.35          | 1510.85 | 1529.35         | 1510.85         |
| Big St. Germain    | 1591.16 | 1588.16 | 1590.66 | 1589.33 | Rice          | 1463.25          | 1450.00 | 1463.25         | 1450.00         |
|                    |         |         |         |         | Spirit        | 1437.88          | 1424.88 | 1437.88         | 1424.88         |
|                    |         |         |         |         | Eau Pleine    | 1145.43          | 1125.00 | 1145.43         | 1125.00         |