

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 13-Mar-2022

| 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    | 1,679.51        | 29                     | 6    |      | 22.0                                  |
| Twin Lakes                       | 313                                | 261    | 1,681.34        | 120                    |      | 10   | 6.0                                   |
| Buckatabon                       | 130                                | 130    | 1,639.40        | 38                     |      |      | 8.0                                   |
| Long-On-Deerskin                 | 400                                | 332    | 1,696.64        | 82                     |      | 4    | 4.0                                   |
| Little Deerskin                  | 22                                 | 22     | 1,641.21        | 9                      |      |      | 4.0                                   |
| Seven Mile                       | 93                                 | 93     | 1,647.80        | 41                     |      |      | 1.0                                   |
| Lower Nine Mile                  | 121                                | 121    | 1,641.75        | 55                     | 1    |      | 5.0                                   |
| Burnt Rollways                   | 779                                | 471    | 1,623.20        | 54                     |      |      | 8.0                                   |
| Sugar Camp                       | 471                                | 180    | 1,592.82        | 35                     |      | 60   | 12.0                                  |
| Little St. Germain               | 79                                 | 79     | 1,612.33        | 12                     |      | 7    | 6.0                                   |
| Big St. Germain                  | 202                                | 91     | 1,588.82        | 44                     |      | 2    | 24.0, 6.0                             |
| Pickerel                         | 337                                | 92     | 1,587.19        | 160                    |      | 11   | 18.0                                  |
| Rainbow                          | 2,185                              | 2,185  | 1,585.46        | 552                    |      | 100  | 25.0                                  |
| North Pelican                    | 218                                | 0      | 1,567.60        | 54                     |      | 6    | 12.0                                  |
| South Pelican                    | 305                                | 77     | 1,590.14        | 24                     |      |      | 12.0, 12.0                            |
| Minocqua                         | 628                                | 283    | 1,583.18        | 115                    |      | 21   | 24.0                                  |
| Squirrel                         | 182                                | 165    | 1,563.02        | 36                     | 2    |      | 5.5                                   |
| Willow                           | 3,302                              | 3,302  | 1,520.11        | 1,019                  |      | 125  | 32.0                                  |
| Rice                             | 1,808                              | 1,808  | 1,456.72        | 667                    |      | 96   | 15.0, 12.0                            |
| Spirit                           | 756                                | 756    | 1,430.90        | 254                    |      | 37   | 4.0, 1.0                              |
| Total Upper System               | 12,983                             | 11,100 |                 | 3,395                  | 9    | 479  |                                       |
| Net Storage Change Upper System  |                                    |        |                 |                        |      | 470  |                                       |
| Percent in Storage Upper System  |                                    |        |                 | 26.15                  |      |      |                                       |
| Big Eau Pleine                   | 4,457                              | 4,457  | 1,135.27        | 1,894                  | 29   |      | 22.0                                  |
| Total Entire System              | 17,440                             | 15,557 |                 | 5,289                  | 38   | 479  |                                       |
| Net Storage Change Entire System |                                    |        |                 |                        |      | 441  |                                       |
| Percent in Storage Entire System |                                    |        |                 | 30.33                  |      |      |                                       |

| Year | Millions of Cubic Feet in Storage |               |
|------|-----------------------------------|---------------|
|      | Upper System                      | Entire System |
| 2013 | 2,439                             | 4,209         |
| 2014 | 4,395                             | 6,413         |
| 2015 | 4,325                             | 7,178         |
| 2016 | 6,312                             | 10,403        |
| 2017 | 8,256                             | 12,260        |
| 2018 | 3,896                             | 5,025         |
| 2019 | 4,621                             | 7,268         |
| 2020 | 4,249                             | 7,067         |
| 2021 | 4,483                             | 6,739         |
| 2022 | 3,395                             | 5,289         |

| Weekly Average Flow Analysis |         |          |             |          |
|------------------------------|---------|----------|-------------|----------|
| Item                         | Merrill |          | Wis. Rapids |          |
|                              | MCF     | Avg. CFS | MCF         | Avg. CFS |
| Gain In Storage              |         |          |             |          |
| Loss In Storage              | 470     | 777      | 441         | 729      |
| Regulated Flow               |         | 2,887    |             | 4,005    |
| Net Used Release             | 470     | 777      | 441         | 729      |
| Natural Flow                 |         | 2,110    |             | 3,276    |

PROVISIONAL DATA SUBJECT TO REVISION

REPORT CREATED:03/15/2022 11:12

### 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 | 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         |
| Little Deerskin    | 1642.16 | 1640.49 | 1642.16 | 1640.49 |                 | Sep 16 to May 31 |         |                 | Jun 1 to Sep 15 |
| Seven Mile         | 1650.14 | 1645.81 | 1650.14 | 1645.81 | South Pelican   | 1591.98          | 1589.98 | 1591.98         | 1591.48         |
| Lower Nine Mile    | 1643.76 | 1639.18 | 1643.76 | 1639.18 | Nov 1 to Mar 31 |                  |         | Apr 1 to Oct 31 |                 |
| Burnt Rollways     | 1625.71 | 1622.96 | 1625.71 | 1624.21 | Minocqua        | 1585.05          | 1582.72 | 1585.05         | 1584.05         |
| Sugar Camp         | 1597.82 | 1592.32 | 1597.32 | 1595.32 | Squirrel        | 1564.93          | 1562.51 | 1564.93         | 1562.76         |
| Little St. Germain | 1613.88 | 1612.05 | 1613.88 | 1612.05 |                 | Oct 1 to May 31  |         |                 | Jun 1 to Sep 30 |
| Big St. Germain    | 1591.16 | 1588.16 | 1590.66 | 1589.33 | Willow          | 1529.35          | 1510.85 | 1529.35         | 1510.85         |
|                    |         |         |         |         | 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         |