

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 13-Feb-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    | 1,679.55        | 37                     |      | 13   | 22.0                                  |
| Twin Lakes                       | 313                                | 261    | 1,681.61        | 163                    |      | 13   | 6.0                                   |
| Buckatabon                       | 130                                | 130    | 1,639.61        | 46                     |      | 3    | 8.0                                   |
| Long-On-Deerskin                 | 400                                | 332    | 1,696.79        | 98                     |      | 13   | 4.0                                   |
| Little Deerskin                  | 22                                 | 22     | 1,641.20        | 9                      |      |      | 4.0                                   |
| Seven Mile                       | 93                                 | 93     | 1,648.14        | 49                     |      | 2    | 1.0                                   |
| Lower Nine Mile                  | 121                                | 121    | 1,641.55        | 49                     | 8    |      | 4.0                                   |
| Burnt Rollways                   | 779                                | 471    | 1,623.60        | 149                    |      | 88   | 16.0                                  |
| Sugar Camp                       | 471                                | 180    | 1,594.60        | 180                    |      | 34   | 12.0                                  |
| Little St. Germain               | 79                                 | 79     | 1,613.00        | 41                     |      | 2    | 4.0                                   |
| Big St. Germain                  | 202                                | 91     | 1,589.37        | 81                     |      | 3    | 20.0                                  |
| Pickerel                         | 337                                | 92     | 1,588.48        | 208                    |      | 2    | 12.0                                  |
| Rainbow                          | 2,185                              | 2,185  | 1,589.23        | 940                    |      | 2    | 21.0                                  |
| North Pelican                    | 218                                | 0      | 1,567.58        | 53                     | 6    |      | 10.0                                  |
| South Pelican                    | 305                                | 77     | 1,590.39        | 62                     |      | 11   | 16.0, 20.0                            |
| Minocqua                         | 628                                | 283    | 1,583.48        | 193                    |      | 26   | 24.0                                  |
| Squirrel                         | 182                                | 165    | 1,563.24        | 52                     |      | 5    | 7.5                                   |
| Willow                           | 3,302                              | 3,302  | 1,521.10        | 1,211                  |      | 19   | 16.0                                  |
| Rice                             | 1,808                              | 1,808  | 1,459.86        | 1,180                  |      | 25   | 12.0, 6.0                             |
| Spirit                           | 756                                | 756    | 1,432.30        | 330                    |      | 15   | 1.0, 1.0                              |
| Total Upper System               | 12,983                             | 11,100 |                 | 5,122                  | 14   | 276  |                                       |
| Net Storage Change Upper System  |                                    |        |                 |                        |      | 262  |                                       |
| Percent in Storage Upper System  |                                    |        |                 | 39.45                  |      |      |                                       |
| Big Eau Pleine                   | 4,457                              | 4,457  | 1,138.13        | 2,476                  |      | 148  | 8.0                                   |
| Total Entire System              | 17,440                             | 15,557 |                 | 7,597                  | 14   | 424  |                                       |
| Net Storage Change Entire System |                                    |        |                 |                        |      | 410  |                                       |
| Percent in Storage Entire System |                                    |        |                 | 43.56                  |      |      |                                       |

| Year | Millions of Cubic Feet in Storage |               |
|------|-----------------------------------|---------------|
|      | Upper System                      | Entire System |
| 2013 | 4,196                             | 5,961         |
| 2014 | 5,844                             | 8,589         |
| 2015 | 5,039                             | 7,750         |
| 2016 | 6,976                             | 10,406        |
| 2017 | 5,425                             | 8,275         |
| 2018 | 5,033                             | 6,668         |
| 2019 | 5,405                             | 8,017         |
| 2020 | 6,115                             | 9,060         |
| 2021 | 4,859                             | 6,755         |
| 2022 | 5,122                             | 7,597         |

| Item             | Weekly Average Flow Analysis |          |             |          |
|------------------|------------------------------|----------|-------------|----------|
|                  | Merrill                      |          | Wis. Rapids |          |
|                  | MCF                          | Avg. CFS | MCF         | Avg. CFS |
| Gain In Storage  |                              |          |             |          |
| Loss In Storage  | 262                          | 433      | 410         | 678      |
| Regulated Flow   |                              | 2,324    |             | 3,089    |
| Net Used Release | 262                          | 433      | 410         | 678      |
| Natural Flow     |                              | 1,891    |             | 2,411    |

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 | 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 | Oct 1 to May 31 |                  |         | Jun 1 to Sep 30 |                 |
| Little St. Germain                      | 1613.88 | 1612.05 | 1613.88 | 1612.05 | Squirrel        | 1564.93          | 1562.51 | 1564.93         | 1562.76         |
| Big St. Germain                         | 1591.16 | 1588.16 | 1590.66 | 1589.33 | Oct 1 to May 31 |                  |         | Jun 1 to Sep 30 |                 |
|   |         |         |         |         | 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         |