

RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 30-Jul-2017

| Name | Capacity in Millions of Cubic Feet | | Water Elevation | Millions of Cubic Feet | | | Gates (Inches) G:=Gate O:=Overflow |
|----------------------------------|------------------------------------|--------|-----------------|------------------------|------|------|---------------------------------------|
| | Winter | Summer | | In Res | Gain | Loss | |
| Lac Vieux Desert | 652 | 652 | 1,680.52 | 228 | | 24 | 1.0 |
| Twin Lakes | 313 | 261 | 1,682.20 | 255 | | 6 | 1.0 |
| Buckatabon | 130 | 130 | 1,641.21 | 116 | | | 1.0 |
| Long-On-Deerskin | 400 | 332 | 1,697.92 | 220 | | 13 | 2.0 |
| Little Deerskin | 22 | 22 | 1,641.89 | 19 | | | 1.0 |
| Seven Mile | 93 | 93 | 1,649.87 | 86 | | | 1.0 |
| Lower Nine Mile | 121 | 121 | 1,643.59 | 115 | | 2 | 4.0 |
| Burnt Rollways | 779 | 471 | 1,625.52 | 715 | 20 | | 1.0 |
| Sugar Camp | 471 | 180 | 1,597.11 | 402 | | 2 | 6.0 |
| Little St. Germain | 79 | 79 | 1,613.72 | 72 | 1 | | 1.5 |
| Big St. Germain | 202 | 91 | 1,590.51 | 158 | | | 20.0 |
| Pickernel | 337 | 92 | 1,590.02 | 275 | 1 | | 6.0 |
| Rainbow | 2,185 | 2,185 | 1,595.70 | 1,931 | | 82 | 15.0 |
| North Pelican | 218 | 0 | 1,569.02 | 134 | 1 | | 8.0 |
| South Pelican | 305 | 77 | 1,591.77 | 272 | | 3 | 1.0 |
| Minocqua | 628 | 283 | 1,584.46 | 459 | | 12 | 12.0 |
| Squirrel | 182 | 165 | 1,564.72 | 166 | | 4 | 3.5 |
| Willow | 3,302 | 3,302 | 1,528.44 | 3,026 | | 79 | 15.0 |
| Rice | 1,808 | 1,808 | 1,462.30 | 1,627 | | 36 | 12.0, 9.0 |
| Spirit | 756 | 756 | 1,431.48 | 285 | | 12 | 1.0 |
| Total Upper System | 12,983 | 11,100 | | 10,552 | 23 | 275 | |
| Net Storage Change Upper System | | | | | | 252 | |
| Percent in Storage Upper System | | | | 81.28 | | | |
| Big Eau Pleine | 4,457 | 4,457 | 1,143.44 | 3,863 | | 285 | 2.0, 3.0 |
| Total Entire System | 17,440 | 15,557 | | 14,414 | 23 | 560 | |
| Net Storage Change Entire System | | | | | | 537 | |
| Percent in Storage Entire System | | | | 82.65 | | | |

| Year | Millions of Cubic Feet in Storage | |
|------|-----------------------------------|---------------|
| | Upper System | Entire System |
| 2008 | 7,735 | 10,768 |
| 2009 | 5,819 | 9,055 |
| 2010 | 9,096 | 13,544 |
| 2011 | 9,819 | 14,129 |
| 2012 | 8,064 | 11,550 |
| 2013 | 5,803 | 9,698 |
| 2014 | 9,779 | 13,653 |
| 2015 | 8,789 | 12,561 |
| 2016 | 10,756 | 15,039 |
| 2017 | 10,552 | 14,414 |

| Item | Weekly Average Flow Analysis | | | |
|------------------|------------------------------|----------|-------------|----------|
| | Merrill | | Wis. Rapids | |
| | MCF | Avg. CFS | MCF | Avg. CFS |
| Gain In Storage | | | | |
| Loss In Storage | 252 | 417 | 537 | 888 |
| Regulated Flow | | 1,949 | | |
| Net Used Release | 252 | 417 | 537 | 888 |
| Natural Flow | | 1,532 | | |

PROVISIONAL DATA SUBJECT TO REVISION

REPORT CREATED:04/15/2021 09:17

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 |