

RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 03-Jan-2016

| 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 | 1,680.44 | 211 | | 17 | 12.0 |
| Twin Lakes | 313 | 261 | 1,681.78 | 189 | | 31 | 6.0 |
| Buckatabon | 130 | 130 | 1,640.32 | 76 | | 8 | 6.0 |
| Long-On-Deerskin | 400 | 332 | 1,696.62 | 80 | 20 | | 2.0 |
| Little Deerskin | 22 | 22 | 1,641.30 | 10 | | 2 | 19.0 |
| Seven Mile | 93 | 93 | 1,648.90 | 65 | 2 | | 1.0 |
| Lower Nine Mile | 121 | 121 | 1,641.76 | 55 | | 7 | 10.0 |
| Burnt Rollways | 779 | 471 | 1,625.25 | 626 | | 109 | 16.0 |
| Sugar Camp | 471 | 180 | 1,597.02 | 393 | | 25 | 36.0 |
| Little St. Germain | 79 | 79 | 1,613.16 | 48 | | 4 | 5.5 |
| Big St. Germain | 202 | 91 | 1,590.45 | 154 | | 8 | 27.0 |
| Pickernel | 337 | 92 | 1,589.94 | 271 | | 2 | 9.0 |
| Rainbow | 2,185 | 2,185 | 1,596.43 | 2,066 | | 19 | 24.0 |
| North Pelican | 218 | 0 | 1,569.04 | 135 | | 6 | 32.0 |
| South Pelican | 305 | 77 | 1,591.74 | 267 | | 10 | 24.0, 24.0 |
| Minoqua | 628 | 283 | 1,583.96 | 321 | | 44 | 30.0 |
| Squirrel | 182 | 165 | 1,563.98 | 107 | | 14 | 11.5 |
| Willow | 3,302 | 3,302 | 1,526.01 | 2,349 | | 18 | 18.0 |
| Rice | 1,808 | 1,808 | 1,462.35 | 1,637 | | 64 | 20.0, 8.0 |
| Spirit | 756 | 756 | 1,431.75 | 299 | 21 | | 6.0 |
| Total Upper System | 12,983 | 11,100 | | 9,351 | 43 | 388 | |
| Net Storage Change Upper System | | | | | | 345 | |
| Percent in Storage Upper System | | | | 72.02 | | | |
| Big Eau Pleine | 4,457 | 4,457 | 1,145.03 | 4,337 | | 9 | 8.0 |
| Total Entire System | 17,440 | 15,557 | | 13,688 | 43 | 397 | |
| Net Storage Change Entire System | | | | | | 354 | |
| Percent in Storage Entire System | | | | 78.49 | | | |

| Year | Millions of Cubic Feet in Storage | |
|------|-----------------------------------|---------------|
| | Upper System | Entire System |
| 2007 | 6,377 | 9,430 |
| 2008 | 5,074 | 6,649 |
| 2009 | 3,445 | 4,424 |
| 2010 | 4,243 | 6,426 |
| 2011 | 8,323 | 11,946 |
| 2012 | 5,323 | 8,204 |
| 2013 | 5,167 | 7,183 |
| 2014 | 5,927 | 9,279 |
| 2015 | 8,043 | 11,637 |
| 2016 | 9,351 | 13,688 |

| Weekly Average Flow Analysis | | | | |
|------------------------------|---------|----------|-------------|----------|
| Item | Merrill | | Wis. Rapids | |
| | MCF | Avg. CFS | MCF | Avg. CFS |
| Gain In Storage | | | | |
| Loss In Storage | 345 | 570 | 354 | 585 |
| Regulated Flow | | 3,902 | | 6,561 |
| Net Used Release | 345 | 570 | 354 | 585 |
| Natural Flow | | 3,332 | | 5,976 |

| 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 | Minocqua | 1585.05 | 1582.72 | 1585.05 | 1584.05 |
| Burnt Rollways | 1625.71 | 1622.96 | 1625.71 | 1624.21 | Squirrel | 1564.93 | 1562.51 | 1564.93 | 1562.76 |
| 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 | 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 |