

RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 08-Oct-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 | 1,680.96 | 318 | 46 | | 1.0 |
| Twin Lakes | 313 | 261 | 1,682.48 | 299 | 23 | | 10.0 |
| Buckatabon | 130 | 130 | 1,641.36 | 122 | 7 | | 9.0 |
| Long-On-Deerskin | 400 | 332 | 1,697.88 | 216 | 13 | | 2.0 |
| Little Deerskin | 22 | 22 | 1,642.10 | 21 | 2 | | 1.0 |
| Seven Mile | 93 | 93 | 1,649.98 | 89 | 3 | | 3.0 |
| Lower Nine Mile | 121 | 121 | 1,643.78 | 121 | 8 | | 24.0 |
| Burnt Rollways | 779 | 471 | 1,625.64 | 755 | 50 | | 36.0 |
| Sugar Camp | 471 | 180 | 1,597.37 | 426 | 19 | | 1.0 |
| Little St. Germain | 79 | 79 | 1,613.76 | 73 | 2 | | 4.0 |
| Big St. Germain | 202 | 91 | 1,590.56 | 162 | 1 | | 24.0, 6.0 |
| Pickerel | 337 | 92 | 1,590.10 | 278 | 5 | | 8.0 |
| Rainbow | 2,185 | 2,185 | 1,593.28 | 1,513 | | 60 | 16.0 |
| North Pelican | 218 | 0 | 1,569.10 | 139 | 1 | | 36.0, 16.0 |
| South Pelican | 305 | 77 | 1,591.90 | 292 | 12 | | 16.0 |
| Minocqua | 628 | 283 | 1,584.68 | 522 | 40 | | 18.0 |
| Squirrel | 182 | 165 | 1,564.84 | 175 | 14 | | 17.5 |
| Willow | 3,302 | 3,302 | 1,526.64 | 2,514 | 40 | | 19.0 |
| Rice | 1,808 | 1,808 | 1,461.36 | 1,451 | 97 | | 10.0, 12.0 |
| Spirit | 756 | 756 | 1,431.84 | 303 | 52 | | 1.0 |
| Total Upper System | 12,983 | 11,100 | | 9,783 | 435 | 60 | |
| Net Storage Change Upper System | | | | | 375 | | |
| Percent in Storage Upper System | | | | 75.35 | | | |
| Big Eau Pleine | 4,457 | 4,457 | 1,140.58 | 3,073 | | 18 | 2.0 |
| Total Entire System | 17,440 | 15,557 | | 12,855 | 435 | 78 | |
| Net Storage Change Entire System | | | | | 357 | | |
| Percent in Storage Entire System | | | | 73.71 | | | |

| Year | Millions of Cubic Feet in Storage | |
|------|-----------------------------------|---------------|
| | Upper System | Entire System |
| 2008 | 4,377 | 5,622 |
| 2009 | 4,157 | 6,171 |
| 2010 | 11,502 | 15,830 |
| 2011 | 6,869 | 10,048 |
| 2012 | 2,935 | 5,050 |
| 2013 | 8,337 | 11,659 |
| 2014 | 11,169 | 15,455 |
| 2015 | 6,553 | 9,599 |
| 2016 | 10,646 | 14,920 |
| 2017 | 9,783 | 12,855 |

| Item | Weekly Average Flow Analysis | | | |
|------------------|------------------------------|----------|-------------|----------|
| | Merrill | | Wis. Rapids | |
| | MCF | Avg. CFS | MCF | Avg. CFS |
| Gain In Storage | 375 | 620 | 357 | 590 |
| Loss In Storage | | | | |
| Regulated Flow | | 2,664 | | 3,115 |
| Net Used Release | 0 | 0 | 0 | 0 |
| Natural Flow | | 3,284 | | 3,705 |

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 | 1680.90 | 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 |