

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 09-Nov-2014

| 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    | 1,680.68        | 260                    | 12   |      | 5.0                                   |
| Twin Lakes                       | 313                                | 261    | 1,682.32        | 273                    | 6    |      | 1.0                                   |
| Buckatabon                       | 130                                | 130    | 1,641.30        | 120                    | 7    |      | 8.0                                   |
| Long-On-Deerskin                 | 400                                | 332    | 1,697.10        | 131                    |      | 4    | 2.0                                   |
| Little Deerskin                  | 22                                 | 22     | 1,641.94        | 19                     |      | 1    | 3.0                                   |
| Seven Mile                       | 93                                 | 93     | 1,649.90        | 87                     | 1    |      | 1.0                                   |
| Lower Nine Mile                  | 121                                | 121    | 1,643.71        | 119                    | 2    |      | 4.0                                   |
| Burnt Rollways                   | 779                                | 471    | 1,625.50        | 708                    |      | 20   | 10.0                                  |
| Sugar Camp                       | 471                                | 180    | 1,597.55        | 443                    | 11   |      | 12.0                                  |
| Little St. Germain               | 79                                 | 79     | 1,613.70        | 71                     |      | 2    | 3.0                                   |
| Big St. Germain                  | 202                                | 91     | 1,590.86        | 182                    | 8    |      | 16.0                                  |
| Pickerel                         | 337                                | 92     | 1,590.01        | 274                    |      |      | 4.0                                   |
| Rainbow                          | 2,185                              | 2,185  | 1,596.33        | 2,047                  |      | 62   | 20.0                                  |
| North Pelican                    | 218                                | 0      | 1,569.10        | 139                    | 2    |      | 24.0                                  |
| South Pelican                    | 305                                | 77     | 1,591.88        | 289                    |      | 16   | 24.0, 18.0                            |
| Minoqua                          | 628                                | 283    | 1,584.68        | 522                    | 6    |      | 12.0                                  |
| Squirrel                         | 182                                | 165    | 1,564.78        | 170                    | 3    |      | 7.5                                   |
| Willow                           | 3,302                              | 3,302  | 1,528.94        | 3,178                  | 21   |      | 21.0                                  |
| Rice                             | 1,808                              | 1,808  | 1,462.72        | 1,707                  |      | 36   | 32.0                                  |
| Spirit                           | 756                                | 756    | 1,434.74        | 494                    | 14   |      | 4.0                                   |
| Total Upper System               | 12,983                             | 11,100 |                 | 11,229                 | 93   | 141  |                                       |
| Net Storage Change Upper System  |                                    |        |                 |                        |      | 48   |                                       |
| Percent in Storage Upper System  |                                    |        |                 | 86.49                  |      |      |                                       |
| Big Eau Pleine                   | 4,457                              | 4,457  | 1,145.12        | 4,364                  | 57   |      | 4.0                                   |
| Total Entire System              | 17,440                             | 15,557 |                 | 15,593                 | 150  | 141  |                                       |
| Net Storage Change Entire System |                                    |        |                 |                        | 9    |      |                                       |
| Percent in Storage Entire System |                                    |        |                 | 89.41                  |      |      |                                       |

| Year | Millions of Cubic Feet in Storage |               |
|------|-----------------------------------|---------------|
|      | Upper System                      | Entire System |
| 2005 | 7,843                             | 9,339         |
| 2006 | 6,323                             | 8,636         |
| 2007 | 6,782                             | 8,655         |
| 2008 | 4,018                             | 5,026         |
| 2009 | 5,360                             | 7,524         |
| 2010 | 11,346                            | 15,790        |
| 2011 | 6,586                             | 9,745         |
| 2012 | 5,633                             | 7,838         |
| 2013 | 6,562                             | 10,135        |
| 2014 | 11,229                            | 15,593        |

| Item             | Weekly Average Flow Analysis |          |             |          |
|------------------|------------------------------|----------|-------------|----------|
|                  | Merrill                      |          | Wis. Rapids |          |
|                  | MCF                          | Avg. CFS | MCF         | Avg. CFS |
| Gain In Storage  |                              |          | 9           | 15       |
| Loss In Storage  | 48                           | 79       |             |          |
| Regulated Flow   |                              | 2,839    |             | 4,056    |
| Net Used Release | 48                           | 79       | 0           | 0        |
| Natural Flow     |                              | 2,760    |             | 4,056    |