

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 22-Oct-2023

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	1,680.17	157			6.0
Twin Lakes	313	261	1,682.14	245		10	3.0
Buckatabon	130	130	1,641.18	114		1	6.0
Long-On-Deerskin	400	332	1,697.00	120		12	2.0
Little Deerskin	22	22	1,641.90	19	1		1.0
Seven Mile	93	93	1,649.44	77			1.0
Lower Nine Mile	121	121	1,643.57	114		3	4.0
Burnt Rollways	779	471	1,625.18	604	39		1.0
Sugar Camp	471	180	1,596.55	350		9	6.0
Little St. Germain	79	79	1,613.55	65		2	3.0
Big St. Germain	202	91	1,590.29	144		4	20.0
Pickernel	337	92	1,589.66	258		4	6.0, 2.0
Rainbow	2,185	2,185	1,587.69	764	48		13.0
North Pelican	218	0	1,568.97	131			5.0, 2.0
South Pelican	305	77	1,591.39	214	11		1.0
Minocqua	628	283	1,584.28	409			12.0
Squirrel	182	165	1,564.58	154			5.5
Willow	3,302	3,302	1,521.63	1,320	117		8.0
Rice	1,808	1,808	1,459.94	1,194	99		6.0
Spirit	756	756	1,432.71	356	15		1.0
<b>Total Upper System</b>	<b>12,983</b>	<b>11,100</b>		<b>6,801</b>	<b>330</b>	<b>45</b>	
<b>Net Storage Change Upper System</b>					<b>285</b>		
<b>Percent in Storage Upper System</b>				<b>52.38</b>			
<b>Big Eau Pleine</b>	<b>4,457</b>	<b>4,457</b>	<b>1,141.33</b>	<b>3,271</b>	<b>70</b>		<b>1.0</b>
<b>Total Entire System</b>	<b>17,440</b>	<b>15,557</b>		<b>10,072</b>	<b>400</b>	<b>45</b>	
<b>Net Storage Change Entire System</b>					<b>355</b>		
<b>Percent in Storage Entire System</b>				<b>57.75</b>			

Year	Millions of Cubic Feet in Storage	
	Upper System	Entire System
2014	11,178	15,488
2015	6,197	8,778
2016	10,981	15,072
2017	10,784	13,882
2018	11,603	15,976
2019	11,355	15,647
2020	10,770	14,184
2021	8,038	11,306
2022	5,509	7,905
2023	6,801	10,072

Item	Weekly Average Flow Analysis			
	Merrill		Wis. Rapids	
	MCF	Avg. CFS	MCF	Avg. CFS
Gain In Storage	285	471	355	587
Loss In Storage				
Regulated Flow		1,235		2,360
Net Used Release	0	0	0	0
Natural Flow		1,706		2,947

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	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