

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 21-Jul-2019

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	1,680.70	264	24		2.0
Twin Lakes	313	261	1,682.38	283	19		5.0
Buckatabon	130	130	1,641.19	115			1.0
Long-On-Deerskin	400	332	1,698.00	229	8		2.0
Little Deerskin	22	22	1,641.98	20	2		1.0
Seven Mile	93	93	1,649.66	82			1.0
Lower Nine Mile	121	121	1,643.54	113			6.0
Burnt Rollways	779	471	1,625.44	688			1.0
Sugar Camp	471	180	1,597.09	400	5		1.0
Little St. Germain	79	79	1,613.73	72			4.0
Big St. Germain	202	91	1,590.56	162	1		24.0
Pickerel	337	92	1,590.02	275		2	6.0
Rainbow	2,185	2,185	1,595.25	1,850	45		9.0, 2.0
North Pelican	218	0	1,569.02	134		4	24.0
South Pelican	305	77	1,591.80	277	16		5.0
Minocqua	628	283	1,584.64	511	46		2.0
Squirrel	182	165	1,564.68	162		7	11.5
Willow	3,302	3,302	1,527.47	2,741		92	16.0
Rice	1,808	1,808	1,461.96	1,562	18		8.0, 12.0
Spirit	756	756	1,436.64	647	9		1.0
<b>Total Upper System</b>	<b>12,983</b>	<b>11,100</b>		<b>10,579</b>	<b>193</b>	<b>105</b>	
<b>Net Storage Change Upper System</b>					<b>88</b>		
<b>Percent in Storage Upper System</b>				<b>81.48</b>			
<b>Big Eau Pleine</b>	<b>4,457</b>	<b>4,457</b>	<b>1,145.04</b>	<b>4,340</b>		<b>24</b>	<b>2.0, 30.0, 96.0, 120.0</b>
<b>Total Entire System</b>	<b>17,440</b>	<b>15,557</b>		<b>14,919</b>	<b>193</b>	<b>129</b>	
<b>Net Storage Change Entire System</b>					<b>64</b>		
<b>Percent in Storage Entire System</b>				<b>85.54</b>			

Year	Millions of Cubic Feet in Storage	
	Upper System	Entire System
2010	8,655	13,112
2011	10,247	14,515
2012	8,401	12,205
2013	10,632	14,819
2014	10,328	14,413
2015	9,459	13,541
2016	10,716	14,780
2017	10,808	14,956
2018	10,054	13,852
2019	10,579	14,919

Item	Weekly Average Flow Analysis			
	Merrill		Wis. Rapids	
	MCF	Avg. CFS	MCF	Avg. CFS
Gain In Storage	88	145	64	106
Loss In Storage				
Regulated Flow		2,631		6,275
Net Used Release	0	0	0	0
Natural Flow		2,776		6,381

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