

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 16-Dec-2018

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	1,680.39	201		12	7.0
Twin Lakes	313	261	1,681.77	187		15	5.0
Buckatabon	130	130	1,640.20	70		5	5.0
Long-On-Deerskin	400	332	1,697.57	182		5	3.0
Little Deerskin	22	22	1,641.20	9		1	9.0
Seven Mile	93	93	1,648.70	61		5	3.0
Lower Nine Mile	121	121	1,642.16	67		11	12.0
Burnt Rollways	779	471	1,624.85	500		72	18.0
Sugar Camp	471	180	1,596.02	302		20	18.0
Little St. Germain	79	79	1,613.36	57		1	4.0
Big St. Germain	202	91	1,589.97	122		10	24.0, 6.0
Pickerel	337	92	1,589.42	248		7	12.0
Rainbow	2,185	2,185	1,594.66	1,744		75	25.0, 2.0
North Pelican	218	0	1,568.25	91		16	30.0
South Pelican	305	77	1,591.37	211		12	12.0, 12.0
Minocqua	628	283	1,584.12	365		27	24.0
Squirrel	182	165	1,564.20	124		8	7.5
Willow	3,302	3,302	1,527.09	2,636		113	21.0
Rice	1,808	1,808	1,461.14	1,411		61	16.0, 12.0
Spirit	756	756	1,436.32	620		34	3.0
Total Upper System	12,983	11,100		9,197	0	510	
Net Storage Change Upper System						510	
Percent in Storage Upper System				70.84			
Big Eau Pleine	4,457	4,457	1,144.02	4,034		156	2.0
Total Entire System	17,440	15,557		13,231	0	666	
Net Storage Change Entire System						666	
Percent in Storage Entire System				75.87			

Year	Millions of Cubic Feet in Storage	
	Upper System	Entire System
2009	4,597	6,752
2010	9,652	13,686
2011	6,010	9,064
2012	5,789	7,906
2013	9,004	12,521
2014	8,705	12,591
2015	9,695	14,068
2016	9,201	13,140
2017	9,280	12,259
2018	9,197	13,231

Item	Weekly Average Flow Analysis			
	Merrill		Wis. Rapids	
	MCF	Avg. CFS	MCF	Avg. CFS
Gain In Storage				
Loss In Storage	510	843	666	1,101
Regulated Flow		2,598		4,325
Net Used Release	510	843	666	1,101
Natural Flow		1,755		3,224

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