

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING 05-Feb-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	1,680.10	143		14	8.0
Twin Lakes	313	261	1,681.78	189	3		4.0
Buckatabon	130	130	1,639.77	53		3	5.0
Long-On-Deerskin	400	332	1,697.20	142			2.0
Little Deerskin	22	22	1,641.15	8			9.0
Seven Mile	93	93	1,648.80	63		12	1.0
Lower Nine Mile	121	121	1,642.40	74	12		6.0
Burnt Rollways	779	471	1,624.40	363			10.0
Sugar Camp	471	180	1,593.61	98		41	18.0
Little St. Germain	79	79	1,612.72	29		3	5.5
Big St. Germain	202	91	1,589.08	61		6	24.0, 12.0
Pickernel	337	92	1,588.48	208		5	15.0
Rainbow	2,185	2,185	1,591.21	1,200		102	24.0
North Pelican	218	0	1,567.80	65	5		20.0
South Pelican	305	77	1,590.80	124		9	24.0, 12.0
Minoqua	628	283	1,583.78	272		10	24.0
Squirrel	182	165	1,563.50	71		3	7.5
Willow	3,302	3,302	1,523.87	1,823		74	26.0
Rice	1,808	1,808	1,458.81	1,001		84	20.0, 12.0
Spirit	756	756	1,431.23	272		20	2.0
Total Upper System	12,983	11,100		6,251	20	386	
Net Storage Change Upper System						366	
Percent in Storage Upper System				48.15			
Big Eau Pleine	4,457	4,457	1,142.28	3,531		177	16.0
Total Entire System	17,440	15,557		9,782	20	563	
Net Storage Change Entire System						543	
Percent in Storage Entire System				56.09			

Year	Millions of Cubic Feet in Storage	
	Upper System	Entire System
2008	3,820	5,005
2009	2,472	3,435
2010	3,125	4,982
2011	6,259	9,077
2012	4,143	6,446
2013	4,329	6,095
2014	6,233	9,106
2015	5,445	8,348
2016	7,442	11,064
2017	6,251	9,782

Item	Weekly Average Flow Analysis			
	Merrill		Wis. Rapids	
	MCF	Avg. CFS	MCF	Avg. CFS
Gain In Storage				
Loss In Storage	366	605	543	898
Regulated Flow		3,309		5,564
Net Used Release	366	605	543	898
Natural Flow		2,704		4,666

### 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