

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING

05 - JAN - 2014

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	1680.06	135		12	G: 8.0, O: 0.0
TWIN LAKES	313	261	1681.66	170		9	4.0
BUCKATAPON	130	130	1640.18	69		3	3.0
LONG-ON-DEERSKIN	400	332	1696.74	93		4	2.0
LITTLE DEERSKIN	22	22	1641.38	11	1		1.0
SEVEN MILE	93	93	1647.75	39		2	1.0
LOWER NINE MILE	121	121	1641.70	53		9	6.0
BURNT ROLLWAYS	779	471	1624.30	335		100	13.0
SUGAR CAMP	471	180	1595.30	240		18	24.0
LITTLE ST. GERMAIN	79	79	1613.10	45		3	4.0
BIG ST. GERMAIN	202	91	1589.52	91		9	16.0
PICKEREL	337	92	1588.67	217		0	9.0
RAINBOW	2185	2185	1594.68	1747		50	18.0
NORTH PELICAN	218	0	1568.12	83		18	14.0
SOUTH PELICAN	305	77	1591.38	213		9	18.0
MINOCQUA	628	283	1584.38	435		6	12.0
SQUIRREL	182	165	1563.90	100		11	7.5
WILLOW	3302	3302	1526.70	2531		85	14.0
RICE	1808	1808	1460.20	1243		36	22.0
SPIRIT	756	756	1433.54	409		12	1.0
TOTAL UPPER SYSTEM	12983	11100		8259	1	396	
NET STORAGE CHANGE UPPER SYSTEM						395	
PERCENT IN STORAGE UPPER SYSTEM				63.61			
BIG EAU PLEINE	4457	4457	1141.63	3353		89	7.0
TOTAL ENTIRE SYSTEM	17440	15557		11612	1	485	
NET STORAGE CHANGE ENTIRE SYSTEM						484	
PERCENT IN STORAGE ENTIRE SYSTEM				66.58			

YEAR	MILLIONS OF CUBIC FEET IN STORAGE		ITEM	WEEKLY AVERAGE FLOW ANALYSIS			
	UPPER SYSTEM	ENTIRE SYSTEM		MERRILL		WIS. RAPIDS	
				MCF	AVE. CFS	MCF	AVE. CFS
2005	6949	9287	GAIN IN STORAGE				
2006	6708	8322	LOSS IN STORAGE	395	652	484	800
2007	6377	9430	EVAPORATION LOSS				
2008	5074	6649	REGULATED FLOW		2135		2597
2009	3445	4424	NET USED RELEASE	395	652	484	800
2010	4243	6426	NATURAL FLOW		1483		1797
2011	8748	12497					
2012	5323	8204					
2013	5162	7177	GROUNDWATER INDEX			8.93	
2014	8259	11612	WEEK'S EVAPORATION				

AVERAGE PRECIPITATION THIS WEEK IN INCHES OF WATER					
AREA	WEEK'S AVE.	YEAR'S TOTAL TO DATE	NORMAL TO DATE PERIOD OF RECORD	- SHORTAGE +SURPLUS	
UPPER SYSTEM	0.01	0.01	0.18	-0.17	LAST YEAR
	0.16	0.16	0.18	-0.02	THIS YEAR
LOWER SYSTEM	0.00	0.00	0.17	-0.17	LAST YEAR
	0.00	0.00	0.17	-0.17	THIS YEAR
ENTIRE SYSTEM	0.00	0.00	0.18	-0.18	LAST YEAR
	0.06	0.06	0.18	-0.12	THIS YEAR

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
		Oct 1 to May 31		Jun 1 to Sep 30	Rainbow	1597.05	1575.05	1597.05	1575.05
Buckatahpon	1641.52	1638.35	1641.52	1638.35	North Pelican	1569.60	1566.60	1569.10	1568.77
Long-on-Deerskin	1698.43	1695.84	1698.43	1696.51		Sep 16 to May 31			Jun 1 to Sep 15
		Oct 1 to May 31		Jun 1 to Sep 30	South Pelican	1591.98	1589.98	1591.98	1591.48
Little Deerskin	1642.16	1640.49	1642.16	1640.49		Nov 1 to Mar 31		Apr 1 to Oct 31	
Seven Mile	1650.14	1645.81	1650.14	1645.81	Minocqua	1585.05	1582.72	1585.05	1584.05
Lower Nine Mile	1643.76	1639.18	1643.76	1639.18		Oct 1 to May 31		Jun 1 to Sep 30	
Burnt Rollways	1625.71	1622.96	1625.71	1624.21	Squirrel	1564.93	1562.51	1564.93	1562.76
		Nov 1 to Apr 30		May 1 to Oct 31		Oct 1 to May 31		Jun 1 to Sep 30	
Sugar Camp	1597.82	1592.32	1597.32	1595.32	Willow	1529.35	1510.85	1529.35	1510.85
		Sep 16 to May 31		Jun 1 to Sep 15	Rice	1463.25	1450.00	1463.25	1450.00
Little St. Germain	1613.88	1612.05	1613.88	1612.05	Spirit	1437.88	1420.88	1437.88	1420.88
Big St. Germain	1591.16	1588.16	1590.66	1589.33	Eau Pleine	1145.43	1118.00	1145.43	1118.00
		Sep 16 to May 31		Jun 1 to Sep 15					