

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING

02-MAR-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	1679.86	95		11	G: 5.0, O: 0.0
TWIN LAKES	313	261	1681.10	82		22	5.0
BUCKATAPON	130	130	1639.19	30		6	5.0
LONG-ON-DEERSKIN	400	332	1696.32	49		4	2.0
LITTLE DEERSKIN	22	22	1641.55	13		0	1.0
SEVEN MILE	93	93	1646.90	21		2	1.0
LOWER NINE MILE	121	121	1641.60	50		0	1.0
BURNT ROLLWAYS	779	471	1624.35	349		0	1.0
SUGAR CAMP	471	180	1593.75	111	5		1.0
LITTLE ST. GERMAIN	79	79	1612.74	29		3	3.0
BIG ST. GERMAIN	202	91	1589.43	85		8	14.0
PICKEREL	337	92	1587.55	172		6	11.0
RAINBOW	2185	2185	1589.20	939		93	16.0
NORTH PELICAN	218	0	1566.60	0		0	CLEAR, CLEAR, CLEAR
SOUTH PELICAN	305	77	1591.06	164		6	18.0
MINOCQUA	628	283	1583.84	287		4	24.0
SQUIRREL	182	165	1563.26	52		7	7.5
WILLOW	3302	3302	1522.62	1533		202	27.0
RICE	1808	1808	1457.42	776		5	29.0
SPIRIT	756	756	1430.85	253		25	2.0
TOTAL UPPER SYSTEM	12983	11100		5090	5	404	
NET STORAGE CHANGE UPPER SYSTEM						399	
PERCENT IN STORAGE UPPER SYSTEM				39.21			
BIG EAU PLEINE	4457	4457	1138.00	2450		159	14.0
TOTAL ENTIRE SYSTEM	17440	15557		7540	5	563	
NET STORAGE CHANGE ENTIRE SYSTEM.						558	
PERCENT IN STORAGE ENTIRE SYSTEM				43.23			

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	3801	5619	GAIN IN STORAGE				
2006	3221	4365	LOSS IN STORAGE	399	659	558	922
2007	3356	5331	EVAPORATION LOSS				
2008	3109	4094	REGULATED FLOW		2003		2508
2009	2419	3683	NET USED RELEASE	399	659	558	922
2010	2431	4011	NATURAL FLOW		1344		1586
2011	4749	7043					
2012	3376	5124		CURRENT	NORMAL		
2013	3815	5570	GROUNDWATER INDEX		8.79		
2014	5090	7540	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	0.02	1.66	2.21	-0.55	LAST YEAR
	0.06	1.84	2.21	-0.37	THIS YEAR
LOWER SYSTEM	0.07	2.39	2.21	+0.18	LAST YEAR
	0.09	2.13	2.21	-0.08	THIS YEAR
ENTIRE SYSTEM	0.04	2.06	2.22	-0.16	LAST YEAR
	0.08	2.00	2.22	-0.22	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	
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	Nov 1 to Mar 31		Apr 1 to Oct 31		
Burnt Rollways	1625.71	1622.96	1625.71	1624.21	Minocqua	1585.05	1582.72	1585.05	1584.05
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	Squirrel	1564.93	1562.51	1564.93	1562.76
Big St. Germain	1591.16	1588.16	1590.66	1589.33	Oct 1 to May 31		Jun 1 to Sep 30		
					Willow	1529.35	1510.85	1529.35	1510.85
					Rice	1463.25	1450.00	1463.25	1450.00
					Spirit	1437.88	1420.88	1437.88	1420.88
					Eau Pleine	1145.43	1118.00	1145.43	1118.00