

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING

02-FEB-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	1679.98	119		0	G: 5.0, O: 0.0
TWIN LAKES	313	261	1681.54	151	3		4.0
BUCKATAPON	130	130	1640.06	64		2	3.0
LONG-ON-DEERSKIN	400	332	1696.52	70		6	2.0
LITTLE DEERSKIN	22	22	1641.45	12	1		1.0
SEVEN MILE	93	93	1647.00	23		0	1.0
LOWER NINE MILE	121	121	1639.18	0		0	6.0
BURNT ROLLWAYS	779	471	1624.35	349	20		3.0
SUGAR CAMP	471	180	1593.40	82		133	24.0
LITTLE ST. GERMAIN	79	79	1612.94	38		1	3.0
BIG ST. GERMAIN	202	91	1589.75	106	6		8.0
PICKEREL	337	92	1588.16	195		7	8.0
RAINBOW	2185	2185	1591.96	1309		129	18.0
NORTH PELICAN	218	0	1566.85	13		26	26.0
SOUTH PELICAN	305	77	1591.20	185		3	18.0
MINOCQUA	628	283	1584.20	386		8	15.0
SQUIRREL	182	165	1563.62	79		9	7.0
WILLOW	3302	3302	1525.01	2096		129	18.0
RICE	1808	1808	1458.60	965		66	25.0
SPIRIT	756	756	1432.54	346		13	1.0
TOTAL UPPER SYSTEM	12983	11100		6588	30	532	
NET STORAGE CHANGE UPPER SYSTEM						502	
PERCENT IN STORAGE UPPER SYSTEM				50.74			
BIG EAU PLEINE	4457	4457	1140.27	2993		95	10.0
TOTAL ENTIRE SYSTEM	17440	15557		9581	30	627	
NET STORAGE CHANGE ENTIRE SYSTEM						597	
PERCENT IN STORAGE ENTIRE SYSTEM				54.94			

YEAR	MILLIONS OF CUBIC FEET IN STORAGE		WEEKLY AVERAGE FLOW ANALYSIS				
	UPPER SYSTEM	ENTIRE SYSTEM	ITEM	MERRILL		WIS. RAPIDS	
				MCF	AVE. CFS	MCF	AVE. CFS
2005	5270	7315	GAIN IN STORAGE				
2006	5111	6792	LOSS IN STORAGE	502	829	597	986
2007	4780	7661	EVAPORATION LOSS				
2008	4015	5276	REGULATED FLOW		2116		2607
2009	2698	3675	NET USED RELEASE	502	829	597	986
2010	3362	5305	NATURAL FLOW		1287		1621
2011	6758	9732					
2012	4148	6453		CURRENT	NORMAL		
2013	4374	6157	GROUNDWATER INDEX		8.75		
2014	6588	9581	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	0.64	0.93	1.19	-0.26	LAST YEAR
	0.28	0.98	1.19	-0.21	THIS YEAR
LOWER SYSTEM	0.95	1.28	1.15	+0.13	LAST YEAR
	0.23	1.05	1.15	-0.10	THIS YEAR
ENTIRE SYSTEM	0.82	1.12	1.17	-0.05	LAST YEAR
	0.25	1.01	1.17	-0.16	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					