

# RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING

06-APR-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	1679.62	49		5	G: 12.0, O: 0.0
TWIN LAKES	313	261	1680.80	35		7	5.0
BUCKATAPON	130	130	1638.62	9	1		5.0
LONG-ON-DEERSKIN	400	332	1696.12	28		0	2.0
LITTLE DEERSKIN	22	22	1641.66	15		0	1.0
SEVEN MILE	93	93	1647.80	41	7		1.0
LOWER NINE MILE	121	121	1640.90	33	27		6.0
BURNT ROLLWAYS	779	471	1623.65	161		26	13.0
SUGAR CAMP	471	180	1593.87	120		9	12.0
LITTLE ST. GERMAIN	79	79	1612.58	22	2		3.0
BIG ST. GERMAIN	202	91	1589.08	61	2		18.0
PICKEREL	337	92	1587.05	154	1		18.0
RAINBOW	2185	2185	1588.20	820		5	24.0
NORTH PELICAN	218	0	1567.75	62	38		1.0
SOUTH PELICAN	305	77	1590.76	118		12	18.0
MINOCQUA	628	283	1583.68	244	52		4.0
SQUIRREL	182	165	1563.14	44	14		5.5
WILLOW	3302	3302	1520.87	1169	12		17.0
RICE	1808	1808	1456.36	614	50		20.0
SPIRIT	756	756	1429.74	202	58		1.0
TOTAL UPPER SYSTEM	12983	11100		4001	264	64	
NET STORAGE CHANGE UPPER SYSTEM					200		
PERCENT IN STORAGE UPPER SYSTEM				30.82			
BIG EAU PLEINE	4457	4457	1137.91	2429	797		1.0
TOTAL ENTIRE SYSTEM	17440	15557		6430	1061	64	
NET STORAGE CHANGE ENTIRE SYSTEM					997		
PERCENT IN STORAGE ENTIRE SYSTEM				36.87			

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	4608	8138	GAIN IN STORAGE	200	330	997	1648
2006	6175	9382	LOSS IN STORAGE				
2007	6608	10810	EVAPORATION LOSS				
2008	2493	4697	REGULATED FLOW		2009		6514
2009	4096	7089	NET USED RELEASE				
2010	4649	8219	NATURAL FLOW		2339		8162
2011	5169	8935					
2012	7366	11169		CURRENT	NORMAL		
2013	3603	6406	GROUNDWATER INDEX			9.22	
2014	4001	6430	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	0.45	3.17	4.16	-0.99	LAST YEAR
	0.63	2.93	4.16	-1.23	THIS YEAR
LOWER SYSTEM	0.24	3.96	4.32	-0.36	LAST YEAR
	0.54	3.36	4.32	-0.96	THIS YEAR
ENTIRE SYSTEM	0.33	3.59	4.22	-0.63	LAST YEAR
	0.58	3.17	4.22	-1.05	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					