

RESERVOIR REPORT

WISCONSIN VALLEY IMPROVEMENT COMPANY

FOR WEEK ENDING

04-MAY-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	1680.58	239	44		G: 24.0, O: 0.0
TWIN LAKES	313	261	1681.72	179	47		1.0
BUCKATAPON	130	130	1640.70	92	19		1.0
LONG-ON-DEERSKIN	400	332	1698.22	253	38		2.0
LITTLE DEERSKIN	22	22	1642.05	20	1		1.0
SEVEN MILE	93	93	1649.64	81	14		1.0
LOWER NINE MILE	121	121	1643.48	111		7	12.0
BURNT ROLLWAYS	779	471	1625.52	714	72		36.0
SUGAR CAMP	471	180	1597.40	429	48		48.0
LITTLE ST. GERMAIN	79	79	1613.68	70	16		2.5
BIG ST. GERMAIN	202	91	1590.30	144		0	24.0,16.0
PICKEREL	337	92	1589.80	265	4		12.0
RAINBOW	2185	2185	1597.00	2175	361		40.0
NORTH PELICAN	218	0	1569.06	136	4		46.0,46.0,10.0
SOUTH PELICAN	305	77	1591.66	255	42		1.0
MINOCQUA	628	283	1584.56	486	51		6.0
SQUIRREL	182	165	1564.84	174	39		1.5
WILLOW	3302	3302	1528.70	3105	486		24.0
RICE	1808	1808	1462.80	1722	59		48.0
SPIRIT	756	756	1434.55	480	59		16.0,16.0
TOTAL UPPER SYSTEM	12983	11100		11130	1404	7	
NET STORAGE CHANGE UPPER SYSTEM					1397		
PERCENT IN STORAGE UPPER SYSTEM				85.73			
BIG EAU PLEINE	4457	4457	1145.12	4364	33		30.0
TOTAL ENTIRE SYSTEM	17440	15557		15494	1437	7	
NET STORAGE CHANGE ENTIRE SYSTEM					1430		
PERCENT IN STORAGE ENTIRE SYSTEM				88.84			

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	8152	12411	GAIN IN STORAGE	1397	2309	1430	2363
2006	8018	11519	LOSS IN STORAGE				
2007	7546	11955	EVAPORATION LOSS				
2008	9531	13880	REGULATED FLOW		8119		19761
2009	7089	10767	NET USED RELEASE				
2010	4443	7998	NATURAL FLOW		10428		22124
2011	9416	13833					
2012	8351	12454		CURRENT	NORMAL		
2013	10277	14626	GROUNDWATER INDEX		9.50		
2014	11130	15494	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	1.48	8.14	6.42	+1.72	LAST YEAR
	1.59	6.13	6.42	-0.29	THIS YEAR
LOWER SYSTEM	0.93	8.52	6.84	+1.68	LAST YEAR
	1.82	7.78	6.84	+0.94	THIS YEAR
ENTIRE SYSTEM	1.16	8.32	6.58	+1.74	LAST YEAR
	1.73	7.08	6.58	+0.50	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		
	Sep 16 to May 31		Jun 1 to Sep 15		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