

The Glen Lake Association Water Level Committee's Monthly Report - April, 2011

Day	Daily Readings					Readings - Initial					Readings - After Adjustment						
	Lake Height		Precip. (inches)	Wind Estimates		Dam Height (inches)		Upstream Water Gage	River Height Measurement		River Flow CFS	Dam Height (inches)		Upstream Water Gage	River Height Measurement		River Flow CFS
	Time	Feet (596.xx)		Direction	Speed (mph)	North	South		Time	Feet		North	South		Time	Feet	
1	9:15	0.80		-	Calm	13.000	13.000										
2	Not	Taken				13.000	13.000										
3	8:45	0.79	0.18	-	Calm	13.000	13.000	1.29	9:16	10.99	37.09						
4	9:15	0.85		W	??	13.000	13.000	1.31	9:52	11.02	38.91	7.000	7.000	1.00	11:00	11.36	64.02
4	9:15	0.85				7.000	7.000	1.00	11:00	11.36	64.02	3.000	3.000	0.93	5:10	11.55	82.03
5	Not	Taken				3.000	3.000										
6	9:15	0.80		E	??	3.000	3.000										
7	9:15	0.79		-	Calm	3.000	3.000	0.86	13:26	11.55	82.03	6.000	6.000	1.00	13:55	11.43	70.30
8	9:15	0.79		NE	??	6.000	6.000	0.85	14:30	11.40	67.56	12.000	12.000	1.24	15:00	11.07	42.08
9	9:15	0.78	0.36	-	Calm	12.000	12.000	1.26	9:48	11.05	40.79						
10	9:00	0.79	0.36	-	Calm	12.000	12.000										
11	9:15	?		SW	17.00	12.000	12.000	1.33	9:42	11.14	46.81	6.000	6.000	0.99	11:13	11.46	73.12
12	9:45	0.86		-	Calm	6.000	6.000	1.07	15:05	11.48	75.04	3.000	3.000	0.90	15:45	11.58	85.16
13	8:00	0.82				3.000	3.000										
14	8:00	?		NE	8.20	3.000	3.000	0.86	10:57	11.56	83.07	8.000	8.000	1.01	11:18	11.18	49.67
15	Not	Taken	0.16			8.000	8.000										
16	14:30	0.84	0.22	W	??	8.000	8.000										
17	9:15	0.81				8.000	8.000	1.16	9:37	11.40	67.56	3.000	3.000	0.93	10:13	11.60	87.29
18	8:00	0.80		NE	6.20	3.000	3.000	0.86	16:40	11.55	82.03	8.000	8.000	1.11	17:12	11.35	63.16
19	Not	Taken	0.16	N	4.70	8.000	8.000	1.16									
20	9:00	0.89	1.00	N	4.70	8.000	8.000	1.16	9:27	11.39	66.67	3.000	3.000	0.91	9:45	11.61	88.37
21	8:00	0.89			Light	3.000	3.000	0.82	8:37	11.64	91.66						
22	8:15	0.86		NE	5.90	3.000	3.000	0.81	8:41	11.63	90.56						
23	8:30	0.86		SW	9.10	3.000	3.000	0.82	9:02	11.64	91.66						
24	8:00	0.88		-	Calm	3.000	3.000										
25	8:00	0.85	0.32	-	Calm	3.000	3.000										
26	Not	Taken	0.20			3.000	3.000										
27	8:00	0.90		NE	3.00	3.000	3.000	0.85	8:33	11.68	96.18						
28	Not	Taken	0.31			3.000	3.000										
29	8:00	0.96		W	5.90	3.000	3.000	0.98	8:28	11.72	100.90						
30	Not	Taken				3.000	3.000										

AVGs.

0.84

1.03

71.91

= New Automatic Gauge

? = Too wavy to read staff gauge/no auto gauge reading recorded

?? = No wind speed data received

= Gauge no adjustment as of 8/04/10