

Date	Time	Level at Green Lake Bridge	Level at Henry Eifert's	Rain in 24 hrs.	Amount Above or Below 1543.1' in Feet at Green Lake Bridge	Amount Above or Below in Inches	Amount Above or Below 1543.1 at Henry Eifert's in Feet	Amount Above or Below in inches	Inlet Flow: 1= Low 10= High	Bottom Gate Opening	Comments
4/18/21	7am	1540.94		0	-2.16	-25.92				2"	Ice went out Saturday April 10, DEC closed bottom gate to 2" open Monday April 13 Pictures attached showing dam discharge flow with the gate open 2"
4/19/21	7am	1541			-2.1	-25.2				2"	Canada Lake came up 1.2" in 24 hours
4/20/21	7am	1541.24		0	-1.86	-22.32				1"	Canada Lake came up 2.23" in 24 hours
4/21/20	7am	1541.36		0.04	-1.74	-20.88		-20.44		1"	Canada Lake came up 2.08 in 24 hours, pictures taken showing dam discharge flow with the gate open 1"
4/22/20	7am	1541.5		0.35	-1.6	-19.2		-17.72		1"	Canada Lake came up 1.68" in 24 hours
4/23/21	7am	1541.64		0.07	-1.46	-17.52		-16.32	3	1"	Canada Lake came up 1.68" in 24 hours
4/24/21	7am	1541.75		0.01	-1.35	-16.2		-15.12	2.5	1"	Canada Lake came up 1.32" in 24 hours
4/25/21	7am	1541.85		0.01	-1.25	-15		-13.68	2.5	1"	Canada Lake came up 1.2" in 24 hours

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4/26/21	7am	1541.9		0	-1.2	-14.4		-13.2	2	1"	Canada Lake came up 0.60 in 24 hours
4/27/21	7am	1541.95		0	-1.15	-13.8		-12.48	2	1"	Canada Lake came up 0.60 in 24 hours
4/28/21	7am	1542		0.19	-1.1	-13.2		-11.52	2	1"	Canada Lake came up 0.60 in 24 hours
4/29/21	7am	1542.15		0.65	-0.95	-11.4		-10.08	2.5	1"	Canada Lake came up 1.51 in 24 hours
4/30/21	7am	1542.42		0.99	-0.68	-8.16		-9.36	3	1"	Canada Lake came up 3.24" in 24 hours
5/1/21	7am	1542.95		.011	-0.15	-1.8		-0.48	4	1"	Canada Lake came up 6.36 in 24 hours. Water going over flashboards.
5/2/21	7am	1543.3		0.07	0.2	2.4		3.6	3	1"	Canada Lake came up 4.2 in 24 hours
5/3/21	7am	1543.35		0.17	0.25	3		4.8	2.5	1"	Canada Lake came up 0.6" in 24 hours
5/4/21	7am	1543.35		0.14	0.25	3		4.56	2	1"	Canada Lake came up 0.0" in 24 hours
5/5/21	7am	1543.4		0.48	0.3	3.6		5.04	2.5	1"	Canada Lake came up 0.6" in 24 hours
5/6/21	7am	1543.46		0.16	0.36	4.32		5.76	2.5	1"	Canada Lake came up 0.72" in 24 hours

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5/7/21	7am	1543.45		0.16	0.35	4.2		5.76	2.5	1'	Canada Lake went down 0.12" in 24 hours
5/8/21	7am	1543.44		0.04	0.34	4.08		5.25	2.5	1"	Canada Lake went down 0.12" in 24 hours
5/9/21	7am	1543.38		0.03	0.28	3.36		4.56	2	1"	Canada Lake went down 0.72" in 24 hours
5/10/21	7am	1543.37		0.18	0.27	3.24		4.32	2	1"	Canada Lake went down 0.12" in 24 hours
5/11/21	7am	1543.32		0.02	0.22	2.64		4.08	2	1"	Canada Lake went down 0.6" in 24 hours
5/12/21	7am	1543.31		0	0.21	2.52		3.6	1.5	1"	Canada Lake went down 0.12" in 24 hours
5/13/21	7am	1543.28		0	0.18	2.16		3.36	1.5	1"	Canada Lake went down 0.36" in 24 hours
5/14/21	7am	1543.24		0	0.14	1.68		3.12	1.5	1"	Canada Lake went down 0.48" in 24 hours
5/15/21	7am	1543.2		0	0.1	1.2		2.64	1.5	1"	Canada Lake went down 0.24 in 24 hours
5/16/21	7am	1543.18		0	0.08	0.96		2.4	1.5	1"	Canada Lake went down 0.24 in 24 hours
5/17/21	7am	1543.15		0	0.05	0.6		2.16	1.5	1"	Canada Lake went down 0.36 in 24 hours

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5/18/21	7am	1543.13		0	0.03	0.36		1.92	1	1"	Canada Lake went down 0.24 in 24 hours
5/19/21	7am	1543.12		0	0.02	0.24		1.68	1	1"	Canada Lake went down 0.12 in 24 hours
2/20/21	7am	1543.1		0	0	0		1.04	1	1"	Canada Lake went down 0.24 in 24 hours

Canada Lake is at summer level 1543.1'

5/21/21	7am	1543.09		0	-0.01	-0.12			0.7	1"	Canada Lake went down 0.12 in 24 hours
5/22/21	7am	1543.05		0	-0.05	-0.6		1.2	0.7	1"	Canada Lake went down 0.48 in 24 hours
5/23/21	7am	1543.02		0	-0.08	-0.96		0.72	0.7	1"	Canada Lake went down 0.36 in 24 hours
5/26/21	7am	1542.96		0	-0.14	-1.68		0	0.5	1"	
5/27/21	7am	1542.98		0.4	-0.12	-1.44		0	0.7	1"	
5/28/21	7am	1542.98		0.3	-0.12	-1.44		0	0.7	1"	
5/29/21	7am	1543		0.4	-0.1	-1.2		0	1	1"	
5/30/21	7am	1543		0.6	-0.1	-1.2		0.48	1.5	1"	
5/31/21	7am	1543.05		0.4	-0.05	-0.6		1.2	1.5	1"	
6/1/21	7am	1543.06		0	-0.04	-0.48		1.4	1.5	1"	
9/2/21	7am	1543.06		0	-0.04	-0.48		1.4	1.5	1"	
6/3/21	7am	1543.06		0	-0.04	-0.48		1.4	1.5	1"	
6/4/21	7am	1543.15		0.94	0.05	0.6		2.16	2	1"	

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6/5/21	7am	1543.24		0	0.14	1.68		2.88	2	1"	
6/6/21	7am	1543.24		0	0.14	1.68		2.88	2	1"	
6/7/21	7am	1543.24		0	0.14	1.68		2.88	1	1"	
6/8/21	7am	1543.24		0.24	0.14	1.68		2.16	1	1"	
6/9/21	5pm	1543.1		0.23	0	0		1.68	1.5	1"	
6/10/21	7am	1542.96		0	-0.14	-1.68		1.68	1	1"	
6/12/21	7am	1543.02		0.21	-0.08	-0.96		1.2	1	1"	
6/13/21	7am	1543		0	-0.1	-1.2		0.96	1	1"	
6/14/21	7am	1543.1		1.1	0	0		1.67	1	1"	
6/15/21	7am	1543.18		0.14	0.08	0.96		2.16	1.5	1"	
6/16/21	7am	1543.18		0.04	0.08	0.96		2.4	1	1"	
6/17/21	7am	1543.16		0	0.06	0.72		2.16	1	1"	
6/19/21	7am	1543.16		0	0.06	0.72		0.96	1	1"	Adjusted gauge at Henry's to reflect correct level at Henry's house
6/20/21	7am	1543.1			0	0		0	1	1"	
6/21/21	7am	1543.08			-0.02	-0.24		-0.24	1	1"	
6/22/21	7am	1543.12		0.98	0.02	0.24		0	1.25	1"	
6/23/21	7am	1543.12		0	0.02	0.24		-0.48	1	1"	
6/24/21	7am	1543.12		0	0.02	0.24		-0.24	1	1"	
6/25/21	7am	1543.1			0	0		0	1	1"	
6/26/21	7am	1543.1		0.2	0	0		-0.24	1	1"	
6/27/21	7am	1543.06			-0.04	-0.48		-0.72	1	1"	
6/28/21	7am	1543.02			-0.08	-0.96		-0.96	1	1"	
6/29/21	7am	1543.02		0.4	-0.08	-0.96		-0.77	1	1"	

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6/30/21	7am	1543			-0.1	-1.2		-0.96	1	1"	
7/1/21	7am	1543		0.11	-0.1	-1.2		-0.96	1	1"	
7/2/21	7am	1543.06		0.4	-0.04	-0.48		-0.48	1	1"	
7/3/21	7am	1543.1		0.49	0	0		0	1	1"	
7/4/21	7am	1543.24		0.22	0.14	1.68		0.72	1	1"	
7/5/21	7am	1543.28		0	0.18	2.16		0.96	1	1"	
7/6/21	7am	1543.28		0.54	0.18	2.16		0.96	2.5	1"	
7/7/21	7am	1543.28		0.04	0.18	2.16		1.92	2	1"	
7/8/21	7am	1543.28		0.34	0.18	2.16		1.92	2.5	1"	
7/9/21	7am	1543.6		1.72	0.5	6		4.56	6	1"	
7/9/21	3pm	1544			0.9	10.8		5.25	7	8	The wter entering Canada Lake at the old fire house has increased in amount from a 6 to a 7. The lake level in the past 7 hours has gone up 4.8".

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7/10/21	7am	1544.22		0.2	1.12	13.44		7.92	6	8	The level at Green Lake is now 13.44' above summerr target level. The wter entering Canada Lake at the old fire house has decreases in amount from a 7 to a 6. The lake level in the past 24 hours has gone up 7.44'.
											The DEC opening the bottom gate to 8" which prevented Canada Lake from going to the predicted 18" above normal summer level
											If the gate is left open 8" I predict, if there is no more rain, the lake will return to normal summer level in 4 to 5 days

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7/11/21	7am	1544		0	0.9	10.8		6.48	4.5	8	National weather service advises 80% chance of 1-2" of rain tonight and tomorrow.
											Suggest Dam be opened to 18" to lower the lake closer to the summer target level to make room for the additional water.
											Opening the gate to 18" should not lower the level in Stewart's channel below the summer target level by more than 4"
7/11/21	12 noon	1543.9		0	0.8	9.6			4.5	16	National weather service advises 100 % chance of 1 1/2' to 3" of rain starting this afternoon and continuing through tomorrow.

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											Suggest opening dam to at least 18" as soon as possible. The sooner opening will help alleviate down stream flooding by creating a buffer for down stream flooding, and Canada Lake flooding.
7/11/21	5pm	1543.88		0.02	0.78	9.36		2	4.5	16	Bottom gate opened to 16" about 9:30 am
7/11/21	9pm	1543.88		0.25	0.78	9.36		4.32	4.5	16	
7/12/21	7am	1543.88		1.45	0.78	9.36		1.72	5.5	16	National weather service has down graded forecast to possible flash flooding until afternoon today (Monday) with rain fall 1/2 to 3/4.
											Amount of water entering Canada at Old Fire House increased from 4.5 to 5.5.

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											<p>Suggest the Dam gate be left open to 16" until we see what happens today</p> <p>Stewart,s channel water level is still 1.72" above summer target level, and is not expected to drop below the 4" below target summer, level any time today.</p>
7/12/21	4pm	1543.88		0.06	0.78	9.36			6.5	16	Canada Lake Level same as 7am this morning. Flow into the lake has increased from a 5.5 to 6.5
											Suggest keeping the gate at 16". And will reevaluate at 7am tomorrow.

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7/13/21		1544.18		0.1	1.08	12.96			6.75	16	Canada Lake has come up 3.6" in the past 24 hrs putting it over the 12" above the summer target level. The rate that the water is entering Canada Lake at the Old Firehouse is still at the 6.5 level.
											It sure would be nice to open the gate to 30" to slow the rate of rise in Canada Lake and get Canada Lake back towards summer level. Stewart's Landing level has gone up from 6.5 to 6.75 so there is very little chance of exceeding the 4" below normal summer level with the gate open 30".

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7/14/21	7am	1544.05		0.27	0.95	11.4	0.4	3.56	5.75	26	DEC opened bottom gate at 10 am yesterday to 26"
7/15/21	7am	1543.88		0.3	0.78	9.36	0.4	2.4	4.25	26	
7/16/21	7am	1543.5		0	0.4	4.8	0	1.92	3.5	26	Stewart's Landing is now 1.92" below the summer target level of 1543.1 and only has 2.08 " before it reaches 4" below the summer target level.
											Canada Lake is still 4.8" high and would like to get this level closer to the summer target level. To give more room for possible rain this weekend.
											Suggest the dam be closed to 16 " open .

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											This should lower the level in Canada Lake without deastically reducing the level in Stewarts Landing below the 4" below summer target level.
7/16/21	3pm	1543.4		0	0.3	3.6	0	-1.68		16	
7/17/21	7am	1543.25		0.08	0.15	1.8	0.2	-2.64	3	16	DEC closed bottom gate at 10 am yesterday to 16"
7/18/21	7am	1543.2		1.6	0.1	1.2	2.1	-3.84	4	16	Suggest leaving the gate open 16" until tomorrow morning and reevaluating then.
											The full impact of 1.6 inches of rail will not be realized until 36 to 48 hours from now.
7/19/21	7am	1544.25		0.9	1.15	13.8	3.4	5.76	6.5	16	Canada Lake is now 13.8" above the summer target and 1.8 " above the 12" maximum target level.

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											<p>The rate of water entering Canada Lake at the old fire house is 6.5</p> <p>This is almost a repeat performance of what happened on 7/9 -7/10</p> <p>I recommend that the gate be opened to 28" and re-evaluate thr situation tomorrow morning.</p>
7/19/21	2om	1544.35			1.25	15				16	Canada Lake is now 15" above the summer target and 3 " above the 12" maximum target level.
7/19/21	4pm							6.24			
7/19/21	9pm	1544.42			1.32	15.84				28	Gate opened to 28" Monday morning at 10:30.
7/20/21	7am	1544.25		0.2	1.15	13.8	0.5	6	5.5	28	The rate of water entering Canada Lake at the old fire house is 5.5

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											<p>Canada Lake is now at 13.8" above summer target level and 1.8" above the 12" maximum target level. Rain forecasts for the next 3 days are very light.</p>
											<p>The lake level has now crested but receding slowly. Expect water level not to return to normal summer level for at least 3 to 4 days. No high winds predicted, but if it does happen there will be damage to some docks and shoreline.</p>

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7/21/21	7am	1544.1		0.37	1	12	0.6	3.84	5.5	28	Canada Lake only went down 1.8 " in the past 24 hours. It sure would be nice to open the gate another 10" to 38" to get Canada Lake down so additional rainfall can be managed.
											Taking downstream conditions and DEC workforce possible limitations it is realized that opening the gate may not be possible.
7/22/21	7am	1543.85		0	0.75	9	0	1.44	4.5	28	Flow at the old firehouse has dropped from a level 5.5 to 4.5 , Canada Lake has gone down 3" in the past 24 hours.
											No significant rainfall predicted in the foreseeable future

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											Suggest dam be closed down to between 1" and 1.5 " open some time later this afternoon
7/23/21	7am	1543.65		0	0.55	6.6	0	4.5		1	Dam closed to 1" approx. Noon yesterday
7/24/21	7am	1543.58		0.01	0.48	5.76	0.3	4.08	3	1	
7/25/21	7am	1543.5		0.45	0.4	4.8	0.5	3.6	2.75	1	
7/26/21	7m	1543.45		0.5	0.35	4.2	0.5	3.12	2.75	1	
7/27/21	7am	1543.38		0	0.28	3.36	0	2.4	2.25	1	
7/28/21	7am	1543.3		0	0.2	2.4	0	1.92	2	1	
7/29/21	7am	1543.28		0	0.18	2.16	0	1.44	2	1	
7/29/21	8:30pm	1543.6		2.5	0.5	6			6	1	
7/30/21	6am	1544.26		2.8	1.16	13.92	3.3	6.9	8	1	Canada Lake is now 13.92 above the summer target and 1.98 " above the 12" maximum target level.
											Canada Lake has come up 7.92" in the past 9 hours The rate that the water is entering Canada Lake at the Old Fire House is 8 very high.

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											Do to the high flow rate do not expect the rate of flow into Canda Lake to crest until late Saturday or sometime Sunday.
											Suggest opening dam to at least 32" as soon as possible. This may drop the water level at the dam to lower than the minimum 4" below target level but it hopefully stop flooding at Canada Lake from going much over 20" above summer target level.
7/30/21	10am	1544.55		0	1.45	17.4			8	30	Canada Lake has come up 3.48" in the past 4 hours The rate that the water is entering Canada Lake at the Old Fire House is still 8 very high.
7/30/21	4pm			0				6.9			

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7/30/21	8pm	1544.74		0	1.64	19.68			7.75	30	Bottom gate opened to 30" about 10 am
											Henry observed that between 5:30am and 4 pm the water at his house went up 3" and back down again when gate was opened.
7/31/21	7am	1544.66		0	1.56	18.72	0	6.73	6.75	30	Canada Lake is 18.72 " above target summer level, which 6.72" above the maximum target level.
											Canada Lake has only gone down .96" in the past 25 hours
											The national weather forecast is the same for tomorrow (Sunday) as it was for last Thursday.

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<p>The forecast is for Sunday 1/10 to 1/2 inches of rain. 3 inches actually fell. If we get another 3" of rain Canada Lake could go to 30+" above normal summer level.</p> <p>The level at the dam is 6.75 above summer target level, plus 4" gives 10.75" until the level at the dam drops below the 4" minimum dam target level.</p> <p>Suggest the dam be opened to 45" to get Canada Lake down before more rain comes.</p>																						
											7/31/21	11am	1544.6		0	1.5	18	0	6.62	6.5	45	DEC opened gate to 45" 11 am
											7/31/21	3pm	1544.5		0	1.4	16.8	0	4.32	6.25	45	

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8/1/21	7am	1544.2		0	1.1	13.2	0	0.96	4.75	45	Because of possible heavy rainfall today leave dam at 45" open and reevaluate Monday morning
8/2/21	7am	1543.72		0.35	0.62	7.44	1	-8.88	5	45	Canada Lake still 7.44" high above target summer level and the dam is 8.88 below summer target level.
											No significant rainfall predicted in the foreseeable future
											Suggest closing dam to 1" sometime today. No rush there is lots of water to fill the channel back up.
8/2/21	10am	1543.64		0	0.54	6.48	0	-12.8	4.5	45	Level at dam 15" below top of flash boards
8/2/21	4pm	1543.56		0	0.46	5.52	0	-0.8	4	1	Dam closed to 1" 10:30 Am
											Level at dam 1" above top of flash boards
8/3/21	7am	1543.54		0	0.44	5.28	0	3.6	3.75	1	

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8/4/21	7am	1543.48		0	0.38	4.56	0	3.36	3	1	Canada Lake going down 1/4" per day
8/5/21	7am	1543.4		0	0.3	3.6	0	2.88	2.5	1	
8/6/21	7am	1543.3		0	0.2	2.4	0	2.16	2	1	
8/7/21	7am	1543.28		0	0.18	2.16	0	1.68	2	1	
8/8/21	7am	1543.24		0	0.14	1.68	0	1.12	2	1	
8/9/21	7am	1543.2		0	0.1	1.2	0	0.72	1.5	1	
8/10/21	7am	1543.15		0	0.05	0.6	0	0	1.25	1	
8/11/21	7am	1543.1		0.07	0	0		-0.25	1	1	
8/12/21	7am	1543.08		0	-0.02	-0.24	0	-0.24	1	1	
8/13/21	7am	1543.08		0	-0.02	-0.24	0	-0.24	1	1	
8/14/21	7am	1543.04		0.2	-0.06	-0.72	0.1	-0.48	1	1	
8/15/21	7am	1543		0	-0.1	-1.2	0	-0.96	1	1	Water Level at the dam is now at the top of the flash boards
8/16/21	7am	1542.96		0	-0.14	-1.68	0	-1.68			
8/17/21	AM	1542.94		0.1	-0.16	-1.92	0.1	-1.92			
8/18/21	7am	1543.06		0.99	-0.04	-0.48	1.8	0.48	1.5	1	Received 1" of rain at Canada Lake in last 24 hrs, Stream at old fire house is light (1.5), Water just below flash boards at dam. Possible 2" additional rain in next 24hrs.

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											Opening dam now would lower Stewarts channel below 4' below swummer target level. To reduce the number of trips to the dam suggest the dam remain open to 1" and wait until tomorrow morning to see how much additional rain falls.
8/19/21	7am	1543.24		1.44	0.14	1.68	1.6	1.2	3	1	Canada Lake is 1.68" above summer target level. Level at Henry's house is 1.2
											above summer target level. Pool of water at the dam is just going ovet the dam by about 1.5 ". Water entering Canaa Lake at the old fire house is a level 2.75.

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											Suggest leaving the gate open 1" until tomorrow morning and reevaluating then.
8/20/21	7am	1543.84		0.34	0.74	8.88		6.48	6	1	No significant rainfall predicted in the foreseeable future. Canada Lake expected to crest at about 12" above summer level sometime tonight or tomorrow. Suggest leaving gate at 1" open to minimize DEC trips to dam.
8/21/21	7am	1543.88		0.11	0.78	9.36		6.96	5.5	1	National weather service has upgraded the amount of rain expected on Sunday and Monday to a total of 2".

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											<p>Canada Lake is 9.36 " high and at the dam it is 6.96" high. The difference in water level between the dam and Canada Lake is only 2.4" .</p>
											<p>To get the water out of Canada Lake the difference in water between the dam and Canada Lake should be at least 7 to 8" .</p>
											<p>The only way to do this is to open the dam gate to at least 30" . This may lower the water level in Stewarts Landing channel to more than 8" in some parts of the channel, especilly portions closed to the dam.</p>

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											As most of the rain is forecasted to arrive Sunday and Monday the maximum level in Canada Lake is not expected until Wednesday of next week.
											It is important to get Canada Lake down before the majority of the rain arrives . This will also help down stream flooding as Canada Lake will act as a buffer for flash flooding down stream flooding.
8/21/21	7pm	1543.88		0	0.78	9.36			5	30	
8/22/21	7am	1543.86		0	0.76	9.12		-1.68	4.5	30b+2t	At 4:30 pm yesterday DEC opened Bottom gate open 30" and Top gate 1-2" .
8/22/21	9:30a			0						30b+2t	Water level at the dam is now about 5" down from the top of the flash boards.

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10/5/21	5.30a	1544		3.1	0.9	10.8		8.6	8	1b=0t	Canada lake is now 10.8" above sunner target level. Rain amount at Canada Lake since Friday is 3.1. Water entering Canada Lake from Irving Pond at the old fire house is very high a level 8.
											If the dam is not opened I expect by Friday Canada Lake will be at 20 to 24" above summer level by Wednesday morning.
											Sugest the dam be opened to 30 to 34" to help minimize the flooding at Canada Lake

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											There is plenty of water entering Canada Lake so there will be no chance of going below the 4" minimum level at The Dam and putting the Stewarts Landing in the mud
											If the flow into Canada Lake decreases to below a level 4-5 at the old firehouse by Friday and the level at the dam goes below the flash boards the dam should be closed accordingly.
10/6/21	7am	1544.3		0.03	1.2	14.4		7.68	7	30	Lake level at Canada Lake has decreased 0.5" since 5pm last night.

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											Henry reports bottom gate opened to 30" 17 hours go and since then the level at level at the dam has oonly droped 0.24"
											Suggest gate remain open 30" until water at dam reaches the top of the flashboards.
10/7/21	7am	1543.86		0	0.76	9.12		4.56	6	30	Suggest gate remain open 30" until water at dam reaches the top of the flashboards.
10/8/21	7am	1543.46		0	0.36	4.32		0.72	4	30	Weter level at the dam is appoching the top of the flash boards. Suggest the dam be closed to 1" sonetime this afternoon.
10/9/21	7am	1543.38		0	0.28	3.36		3.13	3		Dam lower gate colosed to 1" yesterday afternoon

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10/10/21	7am	1543.38		0	0.28	3.36		2.4	3		Lake level at Canada Lake has stalled. I will continue monitoring the lake but will not be sending morning lake level reports unless I see another potential for flooding of Canada Lake.