

REPORT OF CHIEF ENGINEER
HUDSON RIVER - BLACK RIVER REGULATING DISTRICT
BOARD MEETING
NOVEMBER 9, 2022 – MAYFIELD, NEW YORK

HUDSON RIVER AREA - OCTOBER SUMMARY

Reservoir Operation

Great Sacandaga Lake

The October average daily release from the Sacandaga Reservoir (Great Sacandaga Lake) was approximately 1,060 cubic feet per second (cfs). The Upper Hudson / Sacandaga River Offer of Settlement target elevation for October 31 is 757.47 feet (ft). The release of water from Great Sacandaga Lake was consistent with the Upper Hudson/Sacandaga River Offer of Settlement.

Table 1.0 - *Great Sacandaga Lake Elevation and Release*

Date	Daily Average Elevation (ft,NAVD) ⁽⁴⁾	Deviation (ft) (1)		Release (cfs)	
		From Average	From Offer of Settlement	Conklingville Dam	E.J. West (2) Hydro Plant
Sept. 30	757.91	+1.64	-2.34	0	1,560
Oct. 31	756.4 (e)	+1.4 (e)	-1.1 (e)	0	1,100 (e)

- Notes: (1) Difference between current reservoir elevation and historic average or Level 3
(2) Release established by Regulating District
(3) "(e)" represents estimated value
(4) "NAVD" is North American Vertical Datum

Indian Lake Reservoir

The October average daily release from Indian Lake was approximately 215 cfs.

Table 2.0 - *Indian Lake Reservoir Elevation and Release*

Date	Daily Average Elevation (1) (ft, NAVD)	Deviation (ft)		Release (cfs)
		From Average	From Target	
Sept. 30	1,645.68	+1.54	-0.47	149
Oct. 31	1,643.8 (e)	-0.4 (e)	-0.1 (e)	224 (e)

- Notes: (1) Local datum = NAVD elevation + 1617.63 ft; spillway crest = 1651.01ft (33.38ft)
(2) "(e)" represents estimated value

HUDSON RIVER AREA - OCTOBER SUMMARY- continued

River Flow

Hudson River flow, downstream of the confluence with the Sacandaga River, was approximately 2,320 cfs on October 23 and approximately 1,810 cfs below the historic average flow.

Table 3.0 - *Sacandaga, Indian, and Hudson River Flow*

River	Monthly Average Flow (cfs)	Historic Average Flow (2) (cfs)
Sacandaga at Hope	375 (e)	776
Sacandaga at Stewarts Bridge	1,060 (e)	1,920
Indian at Indian Lake Dam	215 (e)	264
Hudson at Hadley (1)	1,170 (e)	2,030

Notes: (1) Above confluence with Sacandaga River
 (2) Based on USGS records
 (3) "(e)" represents estimated value

Precipitation

Monthly total precipitation measured 52%, 50%, and 57% of historic average at Indian Lake, Mayfield, and Conklingville, respectively, as of October 23

Table 4.0 - *Hudson River Basin Precipitation - as of October 23*

Station	Monthly Total (inch)	Historic Average (inch)
Indian Lake	2.34	4.53
Mayfield	2.04	4.05
Conklingville	2.10	3.70

HUDSON RIVER AREA - OCTOBER SUMMARY- continued

Operation Overview

Precipitation during the month of October was below normal across the Great Sacandaga Lake watershed and below normal in the Indian Lake watershed. The monthly inflow to Great Sacandaga Lake and Indian Lake reservoir was approximately 33% and 33% of historic average, respectively. Monthly release of water from Great Sacandaga Lake and Indian Lake measured 55% and 83% of historic average, respectively.

Great Sacandaga Lake Operation

Great Sacandaga Lake operation summary report for the period October 1, 2022 through October 24, 2022 is attached. This report includes projected and forecast values for dates after October 24, 2022.

Hudson River Area Staff Activities

Staff completed routine maintenance and operations activities during the month.

A summary of Regulating District staff activities and work projects at the dam facilities is attached in the Operations Manager's Report.

BLACK RIVER AREA – OCTOBER SUMMARY

Reservoir Operations

Stillwater Reservoir

The October average daily release from Stillwater Reservoir was approximately 410 cfs. The maximum discharge for the month was 600 cfs.

Table 1.0 - *Stillwater Reservoir Elevation and Release*

Date	Daily Average Elevation (ft, NAVD)	Deviation from Average Elevation (ft) (1)	Release (cfs)
Sept. 30	1,671.34	+1.33	600
Oct. 31	1,667.9 (e)	-1.6 (e)	300 (e)

Notes: (1) Difference between current reservoir elevation and historic average
(2) "(e)" represents estimated value

Sixth Lake Reservoir

The October average daily release from Sixth Lake Reservoir was approximately 31 cfs.

Table 2.0 - *Sixth Lake Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Sept. 30	1,784.53	+0.32	27
Oct. 31	1,785.8 (e)	+0.5 (e)	67 (e)

Notes: (1) Local datum = USGS datum
(2) Difference between current reservoir elevation and historic average.
(3) "(e)" represents estimated value

Old Forge Reservoir

The October average daily release from Old Forge Reservoir was approximately 98 cfs.

Table 3.0 - *Old Forge Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Sept. 30	1,706.99	+0.37	160
Oct. 31	1,705.7 (e)	0.1 (e)	69 (e)

Notes: (1) Local Datum = USGS elevation
(2) Difference between current reservoir elevation and historic average.
(3) "(e)" represents estimated value

BLACK RIVER AREA - OCTOBER SUMMARY - continued

River Flow

The average daily Black River flow, as measured at the Watertown gauge, was approximately 1,990 cfs on October 23.

Table 4.0 - *Moose, Independence, Beaver, and Black River Flow*

River	Monthly Average Flow (cfs)	Historic Average Flow (1) (cfs)
Moose at McKeever	580 (e)	729
Beaver at Croghan	480 (e)	533
Black at Watertown	2,300 (e)	3,360

Notes: ⁽¹⁾ Based on USGS records
⁽²⁾ "(e)" represents estimated value
⁽³⁾ Stage and flow affected by ice in river

Precipitation

Monthly total precipitation measured 28%, 35%, 22% of historic average at Stillwater, Old Forge, and Sixth Lake, respectively, as of October 23.

Table 5.0 - *Black River Basin Precipitation - as of October 23*

Station	Monthly Total (inch)	Historic Average (inch)
Stillwater	1.15	5.16
Old Forge	1.46	5.17
Sixth Lake	1.65	4.78

BLACK RIVER AREA - OCTOBER SUMMARY - continued

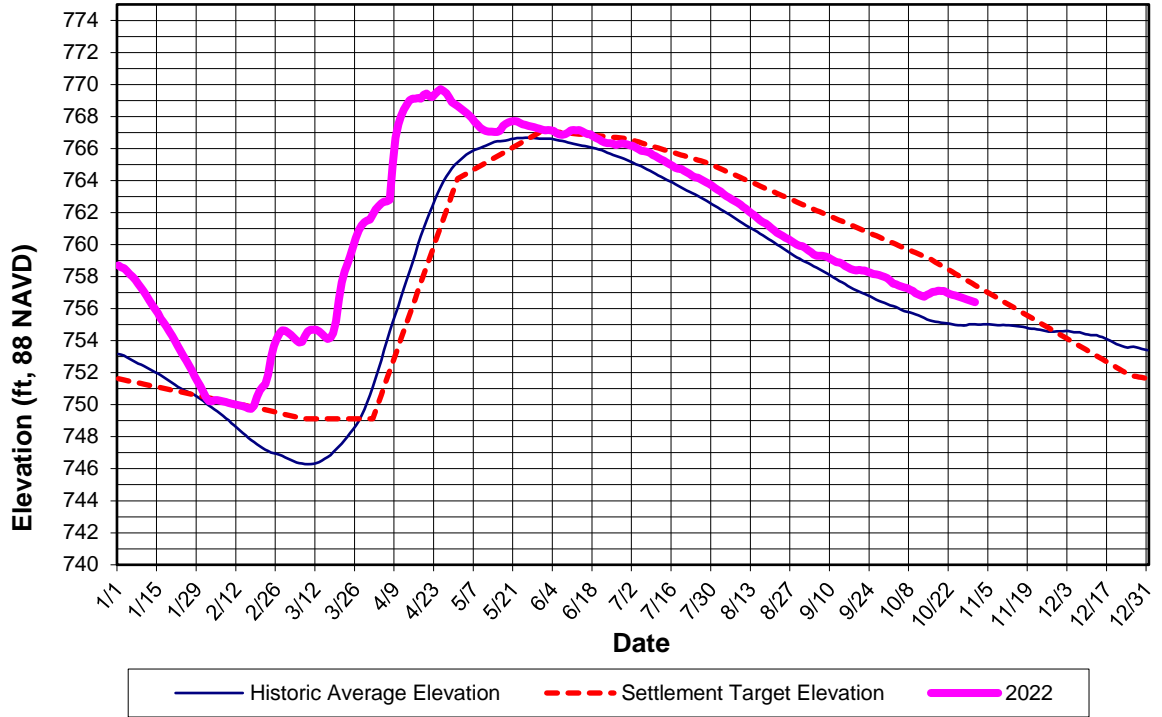
Operation Overview

Precipitation in the month of October was below average at Stillwater, Old Forge Reservoir and at Sixth Lake Reservoir. The monthly inflow to Stillwater Reservoir was approximately 32% of historic average. The inflow to Sixth Lake and Old Forge Reservoir totaled 0.05 and 0.09 billion cubic feet, respectively, in October. Release of water from Stillwater Reservoir averaged 128% of historic discharge.

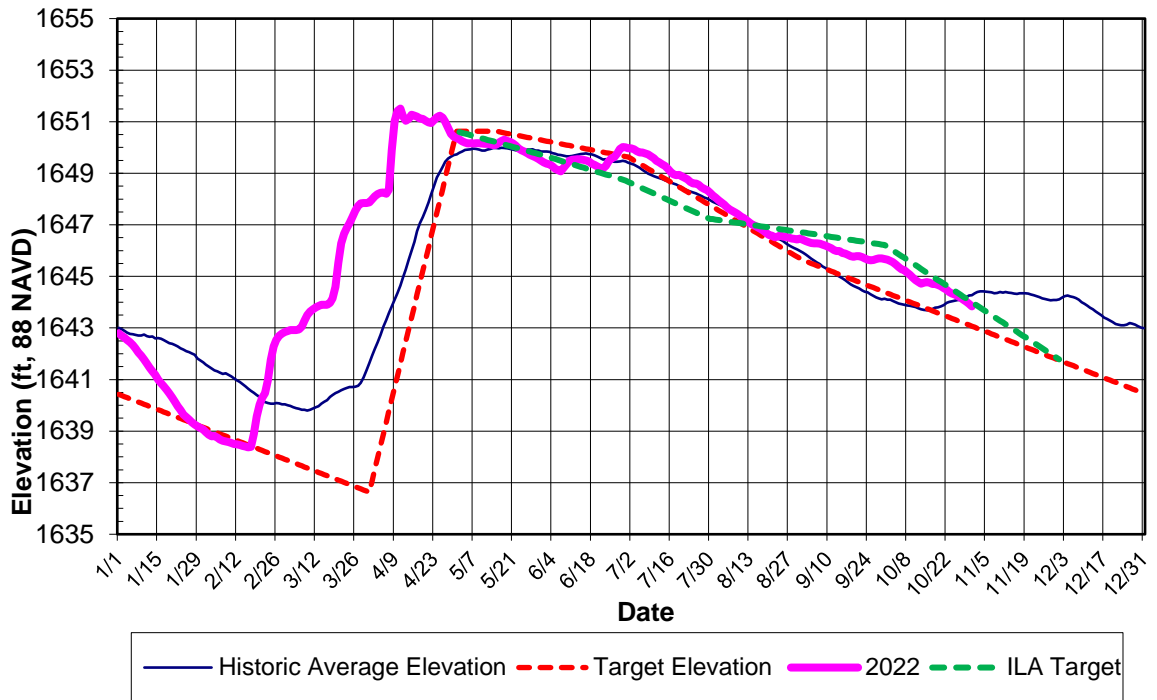
Black River Area Staff Activities

A summary of Regulating District staff activities and work projects at the dam facilities is attached in the Superintendent's Report.

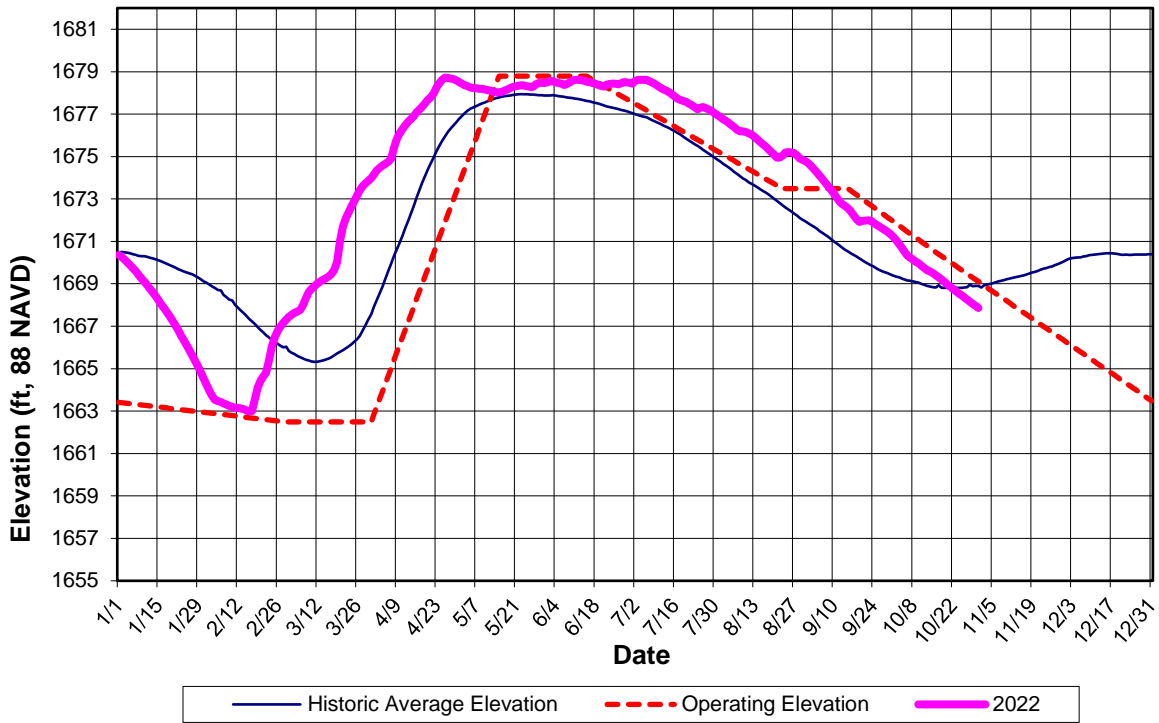
Great Sacandaga Lake 2022 Reservoir Elevation



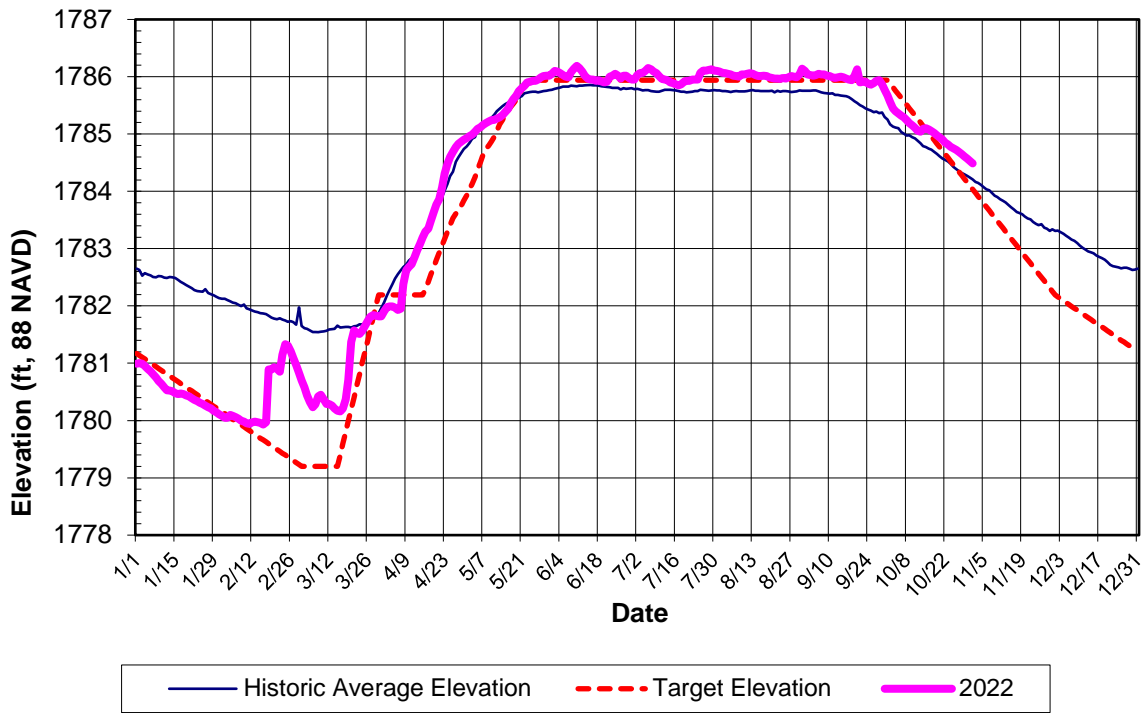
Indian Lake 2022 Reservoir Elevation



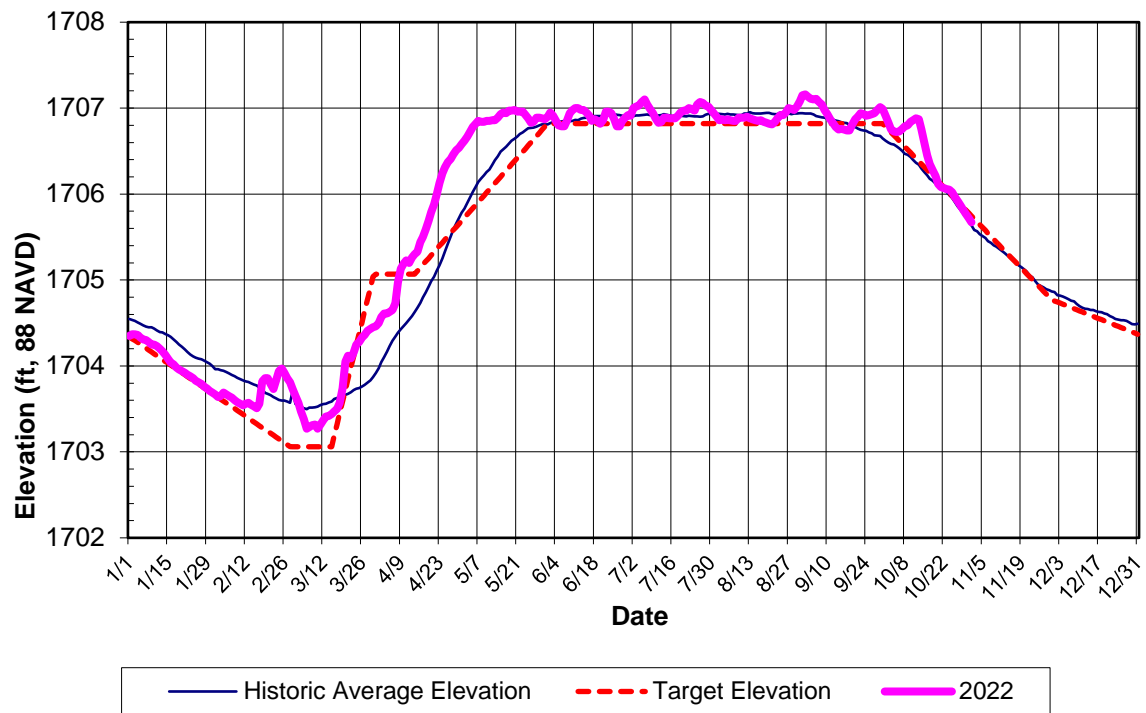
Stillwater Reservoir 2022 Reservoir Elevation



Sixth Lake 2022 Reservoir Elevation



Old Forge 2022 Reservoir Elevation



SACANDAGA RESERVOIR ELEVATION CALCULATOR

Datum:

1988 NAVD

Settlement Parameters

Date	10/25/2022	
Target Elevation	758.09	
Actual "Level"	2.41	
"Level 2.5 threshold"		
"Level 1.2 threshold"	742.24	
Hudson River Target	Elevation	Level
Maximum Flow (cfs)	8000	7400
Minimum Flow (cfs)	n/a	1760
Min. Rec/Rafting Hours (hrs)	#VALUE!	

Rafting Release at Abanakee
North Crk T, Th, Sa., Su.
Hadley M, W, F, Su.

BROOKFIELD HYDRO CONTROL CENTER: 877-816-7466

Whitewater (hrs)	Daily Avg (cfs)
3	806
4	958
5	1110
6	1263
7	1415
8	1567

* 4000 cfs/hr + base flow 350 cfs

Daily Conditions

Date	10/25/2022
Day of Year	5777
Starting Elevation (ft)	756.78
Average Elevation	756.76
Flow Below Hadley (cfs)	2300
Today's Release	1000
Tomorrow's Release	1100

Justin St.John 518-743-2004 (w)
315-396-8194 (cell)
Jonathan Norris 518-743-2094

Dan McCarty 744-2067 Eric Johnson
Piezometers 518-696-5807 863-8791

ACTUAL High Value
SCHEDULED Low Value
ESTIMATED Instant. (min + rafting)
TO BE CHANGED
Spillway Crest 770.12 ft 88 NAVD

Starting Date 12:00 AM	Starting Elevation	Net Average Inflow	E.J. West	Sacandaga River Flow				Settlement Level	Hudson at Hadley	Hudson River Below Confluence	Hudson River Target Flow			Ending Elevation	Ending Date 12:00 AM	Daily Average Elevation	Settlement Target Elevation	Historic Daily Average Elev.
				Valves	Spillway	Average Release	Maximum (Table F - Elev.)				Minimum (Table C - Level)	Maximum (Table D - Elev.)	Maximum (Table E - Level)					
10/1/2022	757.83	0	1600	0	0	1600	4000	2.34	1080	2680	1760	8000	7340	757.69	10/2/2022	757.76	760.17	756.20
10/2/2022	757.69	200	1570	0	0	1570	4000	2.33	1040	2610	1760	8000	7320	757.57	10/3/2022	757.63	760.10	756.15
10/3/2022	757.57	300	1080	0	0	1080	4000	2.32	910	1990	1760	8000	7310	757.50	10/4/2022	757.54	760.02	756.10
10/4/2022	757.50	100	1060	0	0	1060	4000	2.32	754	1814	1760	8000	7310	757.41	10/5/2022	757.46	759.95	756.01
10/5/2022	757.41	400	1120	0	0	1120	4000	2.32	883	2003	1760	8000	7310	757.34	10/6/2022	757.38	759.87	755.92
10/6/2022	757.34	400	1080	0	0	1080	4000	2.31	777	1857	1760	8000	7310	757.28	10/7/2022	757.31	759.80	755.84
10/7/2022	757.28	300	1110	0	0	1110	4000	2.31	821	1931	1760	8000	7310	757.21	10/8/2022	757.25	759.72	755.79
10/8/2022	757.21	100	1120	0	0	1120	4000	2.31	711	1831	1760	8000	7310	757.12	10/9/2022	757.17	759.65	755.74
10/9/2022	757.12	100	1160	0	0	1160	4000	2.32	782	1942	1760	8000	7310	757.02	10/10/2022	757.07	759.57	755.69
10/10/2022	757.02	200	1150	0	0	1150	4000	2.30	740	1890	1760	8000	7300	756.93	10/11/2022	756.98	759.50	755.64
10/11/2022	756.93	100	1180	0	0	1180	4000	2.28	772	1952	1760	8000	7280	756.83	10/12/2022	756.88	759.42	755.58
10/12/2022	756.83	100	1190	0	0	1190	4000	2.31	680	1870	1760	8000	7310	756.73	10/13/2022	756.78	759.35	755.49
10/13/2022	756.73	2100	1190	0	0	1190	4000	2.34	749	1939	1760	8000	7340	756.80	10/14/2022	756.77	759.27	755.40
10/14/2022	756.80	2300	1330	0	0	1330	4000	2.37	1240	2570	1760	8000	7370	756.88	10/15/2022	756.84	759.20	755.32
10/15/2022	756.88	2000	394	0	0	394	4000	2.41	2310	2704	1760	8000	7400	757.01	10/16/2022	756.95	759.12	755.26
10/16/2022	757.01	900	394	0	0	394	4000	2.44	2560	2954	1760	8000	7430	757.05	10/17/2022	757.03	759.02	755.21
10/17/2022	757.05	1300	395	0	0	395	4000	2.47	2240	2635	1760	8000	7460	757.12	10/18/2022	757.09	758.91	755.17
10/18/2022	757.12	1000	1100	0	0	1100	4000	2.50	1910	3010	1760	8000	7500	757.11	10/19/2022	757.12	758.81	755.15
10/19/2022	757.11	1200	1000	0	0	1000	4000	2.54	1750	2750	1779	8000	7500	757.12	10/20/2022	757.12	758.71	755.12
10/20/2022	757.12	0	902	0	0	902	4000	2.56	1620	2522	1784	8000	7500	757.04	10/21/2022	757.08	758.61	755.08
10/21/2022	757.04	0	1020	0	0	1020	4000	2.57	1480	2500	1794	8000	7500	756.95	10/22/2022	757.00	758.50	755.06
10/22/2022	756.95	500	1030	0	0	1030	4000	2.59	1370	2400	1798	8000	7500	756.90	10/23/2022	756.93	758.40	755.04
10/23/2022	756.90	300	1020	0	0	1020	4000	2.60	1300	2320	1808	8000	7500	756.83	10/24/2022	756.87	758.30	755.00
10/24/2022	756.83	500	1070	0	0	1070	4000	2.62	1260	2330	1813	8000	7500	756.78	10/25/2022	756.81	758.19	754.97
10/25/2022	756.78	500	1000	0	0	1000	4000	2.63	1300	2300	1822	8000	7500	756.73	10/26/2022	756.76	758.09	754.95
10/26/2022	756.73	500	1100	0	0	1100	4000	2.65	1300	2400	1827	8000	7500	756.67	10/27/2022	756.70	757.99	754.94
10/27/2022	756.67	500	1100	0	0	1100	4000	2.66	1200	2300	1837	8000	7500	756.61	10/28/2022	756.64	757.89	754.92
10/28/2022	756.61	500	1100	0	0	1100	4000	2.68	1100	2200	1842	8000	7500	756.55	10/29/2022	756.58	757.78	754.95
10/29/2022	756.55	500	1100	0	0	1100	4000	2.69	1000	2100	1851	8000	7500	756.49	10/30/2022	756.52	757.68	755.01
10/30/2022	756.49	500	1100	0	0	1100	4000	2.71	900	2000	1856	8000	7500	756.43	10/31/2022	756.46	757.58	754.99
10/31/2022	756.43	500	1100	0	0	1100	4000	2.72	800	1900	1866	8000	7500	756.37	11/1/2022	756.40	757.47	754.99
11/1/2022	756.37	500	1100	0	0	1100	4000	2.73	800	1900	1870	8000	7500	756.31	11/2/2022	757.27	757.47	754.99
6/6/2020	767.29	1000	4000	0	0	4000	5487	3.00	500	4500	2000	8000	7500	777.12	3/15/2019	#N/A	#N/A	#N/A

Signature: _____

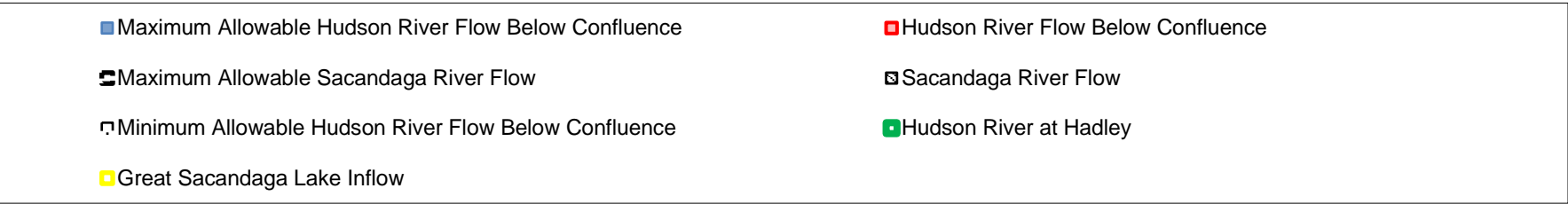
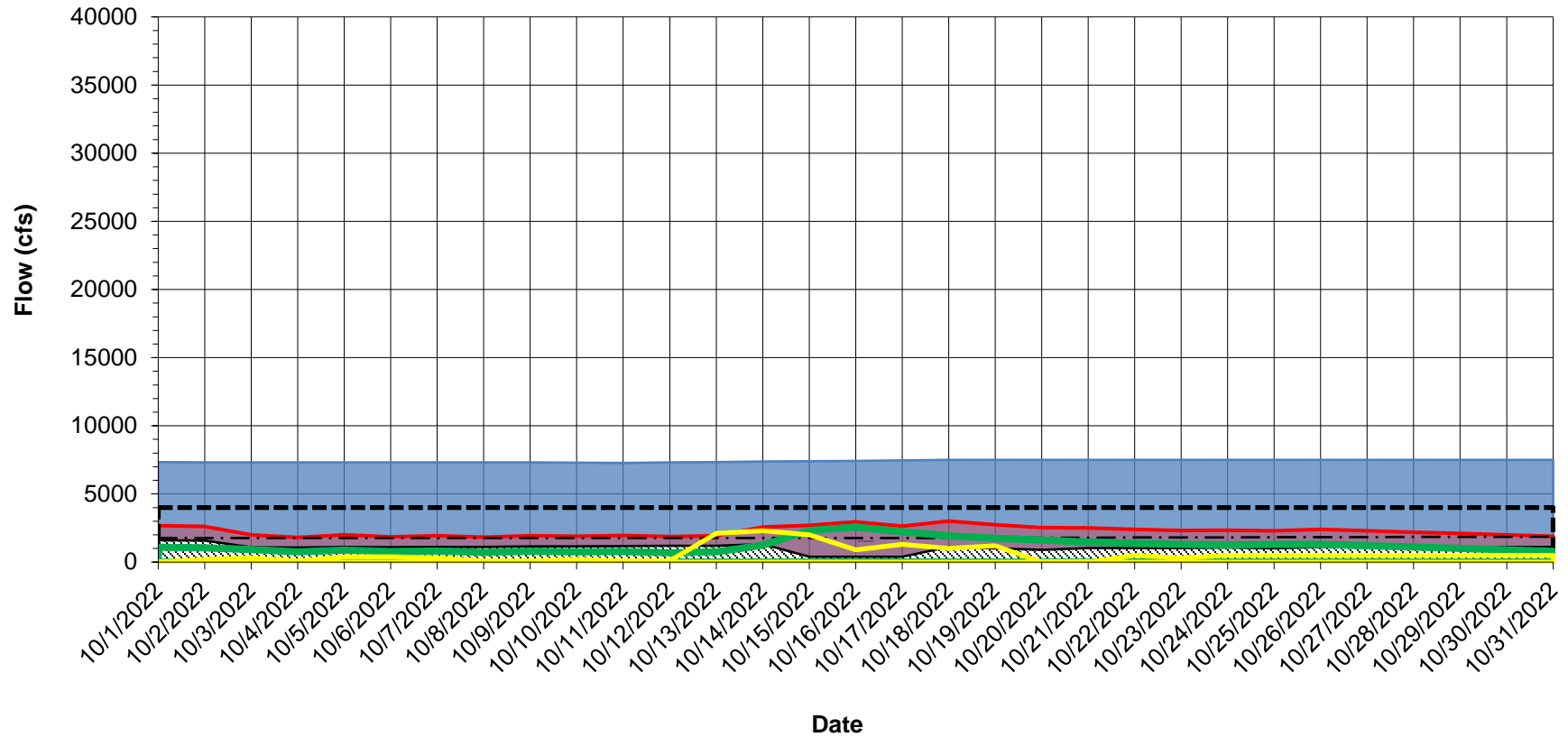
Date: _____

**GREAT SACANDAGA LAKE
RESERVOIR OPERATION SUMMARY**

Print Date: 10/25/2022
Period of Record: 10/1/2022 to 10/29/2022

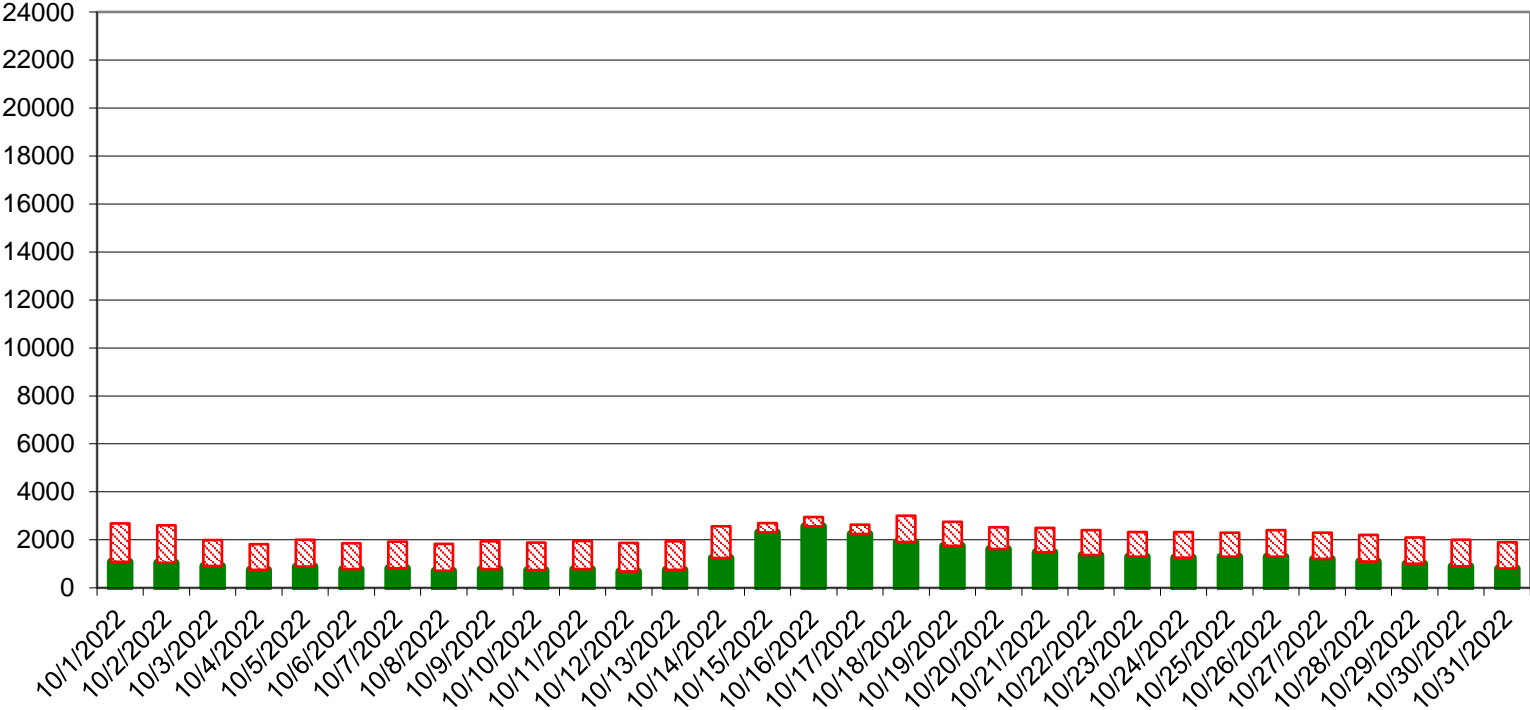
Starting Date 12:00 AM	Daily Avg. Elevation	Net Average Inflow	Sacandaga River Flow Average Release Maximum (Table F - Elev.)		Settlement Level	Hudson at Hadley	Hudson River Below Confluence	Hudson River Target Flow Minimum (Table B - Level) Maximum (Table D & E)		Maximum Allowable Sacandaga
10/1/2022	757.76	0	1600	4000	2.34	1080	2680	1760	7340	4000
10/2/2022	757.63	200	1570	4000	2.33	1040	2610	1760	7320	4000
10/3/2022	757.54	300	1080	4000	2.32	910	1990	1760	7310	4000
10/4/2022	757.46	100	1060	4000	2.32	754	1814	1760	7310	4000
10/5/2022	757.38	400	1120	4000	2.32	883	2003	1760	7310	4000
10/6/2022	757.31	400	1080	4000	2.31	777	1857	1760	7310	4000
10/7/2022	757.25	300	1110	4000	2.31	821	1931	1760	7310	4000
10/8/2022	757.17	100	1120	4000	2.31	711	1831	1760	7310	4000
10/9/2022	757.07	100	1160	4000	2.32	782	1942	1760	7310	4000
10/10/2022	756.98	200	1150	4000	2.30	740	1890	1760	7300	4000
10/11/2022	756.88	100	1180	4000	2.28	772	1952	1760	7280	4000
10/12/2022	756.78	100	1190	4000	2.31	680	1870	1760	7310	4000
10/13/2022	756.77	2100	1190	4000	2.34	749	1939	1760	7340	4000
10/14/2022	756.84	2300	1330	4000	2.37	1240	2570	1760	7370	4000
10/15/2022	756.95	2000	394	4000	2.41	2310	2704	1760	7400	4000
10/16/2022	757.03	900	394	4000	2.44	2560	2954	1760	7430	4000
10/17/2022	757.09	1300	395	4000	2.47	2240	2635	1760	7460	4000
10/18/2022	757.12	1000	1100	4000	2.50	1910	3010	1760	7500	4000
10/19/2022	757.12	1200	1000	4000	2.54	1750	2750	1779	7500	4000
10/20/2022	757.08	0	902	4000	2.56	1620	2522	1784	7500	4000
10/21/2022	757.00	0	1020	4000	2.57	1480	2500	1794	7500	4000
10/22/2022	756.93	500	1030	4000	2.59	1370	2400	1798	7500	4000
10/23/2022	756.87	300	1020	4000	2.60	1300	2320	1808	7500	4000
10/24/2022	756.81	500	1070	4000	2.62	1260	2330	1813	7500	4000
10/25/2022	756.76	500	1000	4000	2.63	1300	2300	1822	7500	4000
10/26/2022	756.70	500	1100	4000	2.65	1300	2400	1827	7500	4000
10/27/2022	756.64	500	1100	4000	2.66	1200	2300	1837	7500	4000
10/28/2022	756.58	500	1100	4000	2.68	1100	2200	1842	7500	4000
10/29/2022	756.52	500	1100	4000	2.69	1000	2100	1851	7500	4000
10/30/2022	756.46	500	1100	4000	2.71	900	2000	1856	7500	4000
10/31/2022	756.40	500	1100	4000	2.72	800	1900	1866	7500	4000

Great Sacandaga Lake Actual and Maximum Allowable Hudson River Flow Below Confluence



Great Sacandaga Lake GSL Release and Natural Hudson River Flow

Total Flow Below Confluence (cfs)



Date



STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SACANDAGA RESERVOIR / HUDSON RIVER REGULATION

Monthly Report for: September 2022

Day	Sacandaga Reservoir Elevation Average Daily	Sacandaga Reservoir Elevation Midnight	Sacandaga River Near Hope cfs	Reservoir Inflow Hope x 2.3870 cfs	Sacandaga River at Stewarts Bridge cfs	Hudson River at Hadley cfs	Regulated Hudson River below confluence cfs
1	759.78	759.74	242	578	1620	732	2352
2	759.64	759.64	225	537	1540	909	2449
3	759.52	759.55	174	415	1600	735	2335
4	759.39	759.43	108	258	1580	766	2346
5	759.31	759.33	195	465	1610	727	2337
6	759.31	759.28	455	1086	1300	951	2251
7	759.30	759.31	417	995	1310	1050	2360
8	759.27	759.28	340	812	1290	959	2249
9	759.20	759.24	265	633	1300	926	2226
10	759.11	759.16	222	530	1630	780	2410
11	759.01	759.01	152	363	1630	793	2423
12	758.91	758.91	178	425	995	679	1674
13	758.88	758.91	157	375	1320	569	1889
14	758.80	758.85	301	718	1340	726	2066
15	758.67	758.75	149	356	1170	879	2049
16	758.59	758.65	137	327	1130	1010	2140
17	758.49	758.50	126	301	1070	805	1875
18	758.43	758.49	119	284	1080	806	1886
19	758.39	758.38	166	396	1060	686	1746
20	758.42	758.40	482	1151	1070	808	1878
21	758.39	758.41	468	1117	1130	1430	2560
22	758.38	758.36	390	931	1060	1480	2540
23	758.31	758.29	340	812	1090	1390	2480
24	758.24	758.24	396	945	1090	1170	2260
25	758.16	758.13	274	654	1060	1140	2200
26	758.15	758.20	383	914	1100	1050	2150
27	758.10	758.05	425	1014	1120	1050	2170
28	758.05	758.10	471	1124	1140	1270	2410
29	757.98	758.02	426	1017	1040	1210	2250
30	757.91	757.93	420	1003	1560	1240	2800

AVERAGE			287	685	1270	960	2230
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CHANGE IN STORAGE DURING THE MONTH -1.96 B.C.F.

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
INDIAN LAKE RESERVOIR REGULATION

Monthly Report for: September, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Indian River at Indian Lake cfs	Hudson River at Newcomb cfs	Regulated Hudson River at North Creek cfs
1	1646.42	1646.48	-28	149	135	762
2	1646.37	1646.39	51	149	136	551
3	1646.33	1646.35	90	149	122	614
4	1646.29	1646.31	53	151	104	493
5	1646.28	1646.26	210	151	99	547
6	1646.28	1646.29	110	149	120	674
7	1646.27	1646.27	90	149	113	683
8	1646.23	1646.24	110	149	98	707
9	1646.20	1646.22	50	148	83	554
10	1646.15	1646.17	9	147	70	612
11	1646.10	1646.11	88	147	61	484
12	1646.02	1646.07	-69	147	53	323
13	1645.99	1645.96	266	148	65	479
14	1645.98	1646.02	49	147	230	613
15	1645.91	1645.97	49	147	233	823
16	1645.88	1645.92	-10	147	159	589
17	1645.83	1645.85	87	146	109	610
18	1645.79	1645.81	67	146	86	480
19	1645.76	1645.77	188	149	92	386
20	1645.78	1645.79	147	147	274	1000
21	1645.78	1645.79	89	148	414	1200
22	1645.75	1645.76	134	154	350	1210
23	1645.70	1645.75	-24	153	300	917
24	1645.65	1645.66	94	153	268	930
25	1645.62	1645.63	154	154	228	778
26	1645.64	1645.63	213	154	225	699
27	1645.68	1645.66	212	153	280	974
28	1645.70	1645.69	189	150	310	914
29	1645.70	1645.71	-87	149	331	1020
30	1645.68	1645.60	326	149	289	830

AVERAGE 97 149 181 715

CHANGE IN STORAGE DURING THE MONTH -0.136 B.C.F

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
STILLWATER RESERVOIR / BLACK RIVER REGULATION

Monthly Report for: September 2022

Day	Stillwater Reservoir Elevation Average Daily	Stillwater Reservoir Elevation Midnight	Stillwater Reservoir Net Inflow cfs	Stillwater Reservoir Release cfs	Black River at Boonville cfs	Beaver River at Croghan cfs	Regulated Black River at Watertown cfs
1	1674.69	1674.75	298	600	707	971	3630
2	1674.56	1674.64	188	600	705	765	3960
3	1674.40	1674.49	160	600	392	697	3260
4	1674.25	1674.33	133	600	241	712	2790
5	1674.10	1674.16	243	600	280	706	2180
6	1673.95	1674.03	148	600	533	693	2100
7	1673.78	1673.86	177	600	399	650	2260
8	1673.61	1673.70	151	600	343	608	2270
9	1673.44	1673.53	124	600	295	647	2470
10	1673.26	1673.35	124	600	290	659	2320
11	1673.07	1673.17	125	600	255	610	2060
12	1672.89	1672.99	117	600	228	575	1990
13	1672.76	1672.80	346	600	277	751	1900
14	1672.67	1672.70	422	600	344	803	2510
15	1672.56	1672.63	270	600	250	820	3190
16	1672.41	1672.50	168	600	269	797	2650
17	1672.24	1672.33	117	600	188	783	2310
18	1672.05	1672.14	171	600	281	727	1970
19	1671.92	1671.97	551	600	355	672	1960
20	1671.97	1671.95	722	600	551	827	2650
21	1671.98	1672.00	429	600	867	1010	4370
22	1671.99	1671.93	796	600	893	1040	4900
23	1671.98	1672.01	428	600	612	1260	5110
24	1671.89	1671.94	356	600	482	976	4620
25	1671.79	1671.84	356	600	315	992	3740
26	1671.70	1671.74	380	600	652	814	3370
27	1671.61	1671.65	380	600	1030	876	3330
28	1671.54	1671.56	405	600	1390	911	4750
29	1671.45	1671.48	429	600	1320	863	5690
30	1671.34	1671.41	258	600	966	892	5470

AVERAGE	299	600	520	800	3190
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CHANGE IN STORAGE DURING THE MONTH -0.78 B.C.F.

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SIXTH LAKE RESERVOIR REGULATION

Monthly Report for: September, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1786.10	1786.13	46	0.42	0.42	46
2	1786.04	1786.06	24	0.08	0.08	24
3	1786.03	1786.03	10	0.08	0.08	10
4	1786.02	1786.03	10	0.08	0.08	10
5	1786.03	1786.01	10	0.08	0.08	10
6	1786.05	1786.05	10	0.08	0.08	10
7	1786.04	1786.05	10	0.08	0.08	10
8	1786.04	1786.04	10	0.08	0.08	10
9	1786.02	1786.02	10	0.08	0.08	10
10	1786.01	1786.01	10	0.08	0.08	10
11	1785.99	1786.00	10	0.08	0.08	10
12	1785.98	1785.98	10	0.08	0.08	10
13	1785.99	1786.00	10	0.08	0.08	10
14	1786.00	1785.99	10	0.08	0.08	10
15	1785.99	1786.00	10	0.08	0.08	10
16	1785.97	1785.98	10	0.08	0.08	10
17	1785.95	1785.97	10	0.08	0.08	10
18	1785.94	1785.95	10	0.08	0.08	10
19	1786.02	1785.94	10	0.08	0.08	10
20	1786.13	1786.18	158	3.00	3.00	158
21	1785.90	1785.97	114	0.25	0.25	114
22	1785.91	1785.89	31	0.25	0.25	31
23	1785.91	1785.91	31	0.25	0.25	31
24	1785.88	1785.89	31	0.25	0.25	31
25	1785.86	1785.86	31	0.25	0.25	31
26	1785.89	1785.87	31	0.25	0.25	31
27	1785.93	1785.91	31	0.25	0.25	31
28	1785.94	1785.94	54	0.67	0.67	54
29	1785.87	1785.91	67	0.67	0.67	67
30	1785.77	1785.82	67	0.67	0.67	67

AVERAGE 30 30

CHANGE IN STORAGE DURING THE MONTH -0.013 B.C.F

 CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
OLD FORGE RESERVOIR REGULATION

Monthly Report for: September, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1707.15	1707.14	65	0.17	0.17	16
2	1707.16	1707.17	33	0.17	0.17	49
3	1707.13	1707.16	17	0.17	0.17	66
4	1707.11	1707.13	17	0.17	0.17	66
5	1707.10	1707.10	98	0.17	0.17	66
6	1707.11	1707.12	17	0.17	0.17	66
7	1707.07	1707.09	23	0.83	0.83	88
8	1707.04	1707.05	52	0.83	0.83	101
9	1706.98	1707.02	4	0.83	0.83	101
10	1706.93	1706.96	19	0.83	0.83	100
11	1706.87	1706.91	7	0.83	0.83	100
12	1706.83	1706.85	40	0.83	0.83	100
13	1706.78	1706.81	21	0.83	0.83	100
14	1706.75	1706.76	80	0.17	0.17	48
15	1706.76	1706.78	-16	0.17	0.17	16
16	1706.75	1706.76	0	0.17	0.17	16
17	1706.74	1706.75	16	0.17	0.17	16
18	1706.74	1706.75	32	0.17	0.17	16
19	1706.81	1706.76	231	0.17	0.17	16
20	1706.87	1706.90	149	4.00	4.00	225
21	1706.90	1706.85	277	0.58	0.58	168
22	1706.94	1706.92	134	0.58	0.58	69
23	1706.93	1706.96	20	0.58	0.58	69
24	1706.91	1706.93	53	0.58	0.58	69
25	1706.92	1706.92	69	0.58	0.58	69
26	1706.93	1706.92	101	0.58	0.58	69
27	1706.94	1706.94	85	0.58	0.58	69
28	1706.98	1706.95	134	0.58	0.58	69
29	1707.01	1706.99	101	0.58	0.58	69
30	1706.99	1707.01	95	2.00	2.00	160

AVERAGE 66 75

CHANGE IN STORAGE DURING THE MONTH -0.024 B.C.F

CHIEF ENGINEER

STATE OF NEW YORK
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SACANDAGA RESERVOIR OPERATION
 FOR WEEK ENDING: October 8, 2022

DATE	SACANDAGA RESERVOIR			HUDSON RIVER FLOW		
	WATER SURFACE ELEV. 12 A.M.	TOTAL STORAGE B.C.F. ⁽¹⁾	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	HADLEY AVG. DAILY C.F.S.	SPIER FALLS AVG. DAILY C.F.S.
Saturday 1	757.84	24.30	12 AM - Mid	1,600	1,080	2,680
Sunday 2	757.67	24.13	12 AM - Mid	1,570	1,040	2,610
Monday 3	757.54	24.00	12 AM - Mid	1,080	910	1,990
Tuesday 4	757.48	23.94	12 AM - Mid	1,060	754	1,814
Wednesday 5	757.40	23.86	12 AM - Mid	1,120	883	2,003
Thursday 6	757.37	23.83	12 AM - Mid	1,080	777	1,857
Friday 7	757.26	23.72	12 AM - Mid	1,110	821	1,931
Saturday 8	757.25	23.71	12 AM - Mid	1,120	711	1,831
CHANGE IN STORAGE DURING THE WEEK		-0.60	* SACANDAGA RIVER AT STEWARTS BRIDGE INCLUDES 350 CFS MINIMUM CONTINUOUS RELEASE			

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2021	760.39	26.94	6	2018	758.96	25.45
2	2017	759.45	25.96	7	2015	757.83	24.29
3	2019	759.44	25.95	8	2022	757.25	23.71
4	2014	759.22	25.72	9	2016	755.31	21.77
5	2013	759.02	25.51	10	2020	754.82	21.29

CAPACITY AT SPILLWAY CREST (EL 770.12) 37.72 B.C.F.
 CAPACITY AT LOW FLOW LINE (EL 734.12) 4.60 B.C.F.

(1) Includes dead storage below El. 734.12 ft.
 Datum: NAVD 88

 CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SACANDAGA RESERVOIR OPERATION
FOR WEEK ENDING: October 15, 2022

DATE	SACANDAGA RESERVOIR			HUDSON RIVER FLOW		
	WATER SURFACE ELEV. 12 A.M.	TOTAL STORAGE B.C.F. ⁽¹⁾	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	HADLEY AVG. DAILY C.F.S.	SPIER FALLS AVG. DAILY C.F.S.
Saturday 8	757.25	23.71	12 AM - Mid	1,120	711	1,831
Sunday 9	757.16	23.61	12 AM - Mid	1,160	782	1,942
Monday 10	757.01	23.46	12 AM - Mid	1,150	740	1,890
Tuesday 11	756.89	23.34	12 AM - Mid	1,180	772	1,952
Wednesday 12	756.82	23.27	12 AM - Mid	1,190	680	1,870
Thursday 13	756.77	23.22	12 AM - Mid	1,190	749	1,939
Friday 14	756.82	23.27	12 AM - Mid	1,330	1,240	2,570
Saturday 15	756.88	23.33	12 AM - Mid	394	2,310	2,704
CHANGE IN STORAGE DURING THE WEEK		-0.37	* SACANDAGA RIVER AT STEWARTS BRIDGE INCLUDES 350 CFS MINIMUM CONTINUOUS RELEASE			

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2021	759.55	26.06	6	2013	758.60	25.08
2	2018	759.40	25.91	7	2015	757.83	24.29
3	2017	759.12	25.61	8	2022	756.88	23.33
4	2019	759.06	25.55	9	2016	754.36	20.85
5	2014	758.65	25.13	10	2020	754.10	20.59

CAPACITY AT SPILLWAY CREST (EL 770.12) 37.72 B.C.F.
CAPACITY AT LOW FLOW LINE (EL 734.12) 4.60 B.C.F.

(1) Includes dead storage below El. 734.12 ft.
Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SACANDAGA RESERVOIR OPERATION
FOR WEEK ENDING: October 22, 2022

DATE	SACANDAGA RESERVOIR			HUDSON RIVER FLOW		
	WATER SURFACE ELEV. 12 A.M.	TOTAL STORAGE B.C.F. ⁽¹⁾	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	HADLEY AVG. DAILY C.F.S.	SPIER FALLS AVG. DAILY C.F.S.
Saturday 15	756.88	23.33	12 AM - Mid	394	2,310	2,704
Sunday 16	757.01	23.46	12 AM - Mid	394	2,560	2,954
Monday 17	757.07	23.52	12 AM - Mid	395	2,240	2,635
Tuesday 18	757.12	23.57	12 AM - Mid	1,100	1,910	3,010
Wednesday 19	757.15	23.60	12 AM - Mid	1,000	1,750	2,750
Thursday 20	757.12	23.57	12 AM - Mid	902	1,620	2,522
Friday 21	757.00	23.45	12 AM - Mid	1,020	1,480	2,500
Saturday 22	756.93	23.38	12 AM - Mid	1,030	1,370	2,400
CHANGE IN STORAGE DURING THE WEEK		0.05	* SACANDAGA RIVER AT STEWARTS BRIDGE INCLUDES 350 CFS MINIMUM CONTINUOUS RELEASE			

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	761.15	27.74	6	2013	758.22	24.69
2	2021	759.61	26.12	7	2015	757.50	23.96
3	2018	759.15	25.65	8	2022	756.93	23.38
4	2017	758.51	24.99	9	2016	753.83	20.34
5	2014	758.43	24.90	10	2020	753.50	20.02

CAPACITY AT SPILLWAY CREST (EL 770.12) 37.72 B.C.F.
CAPACITY AT LOW FLOW LINE (EL 734.12) 4.60 B.C.F.

(1) Includes dead storage below El. 734.12 ft.
Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
INDIAN LAKE RESERVOIR OPERATION
 FOR WEEK ENDING: October 8, 2022

DATE	INDIAN LAKE RESERVOIR			INDIAN RIVER	HUDSON RIVER	
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	NEWCOMB AVG. DAILY C.F.S.	NORTH CREEK AVG. DAILY C.F.S.
Saturday 1	1,645.68	2.73	12 AM - Mid	147	235	842
Sunday 2	1,645.62	2.72	12 AM - Mid	147	190	686
Monday 3	1,645.57	2.71	12 AM - Mid	202	156	512
Tuesday 4	1,645.51	2.70	12 AM - Mid	228	132	654
Wednesday 5	1,645.41	2.68	12 AM - Mid	226	112	547
Thursday 6	1,645.33	2.67	12 AM - Mid	226	97	596
Friday 7	1,645.23	2.65	12 AM - Mid	226	93	473
Saturday 8	1,645.18	2.64	12 AM - Mid	225	93	587
CHANGE IN STORAGE DURING THE WEEK		-0.09	* INIDAN RIVER NEAR INDIAN LAKE			

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2018	1,646.21	2.82	6	2015	1,643.30	2.33
2	2022	1,645.18	2.64	7	2013	1,643.13	2.30
3	2019	1,644.72	2.57	8	2021	1,642.65	2.22
4	2020	1,644.38	2.51	9	2014	1,642.36	2.18
5	2017	1,644.23	2.48	10	2016	1,641.34	2.01

CAPACITY AT SPILLWAY CREST (EL 1651.01) 3.7 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
INDIAN LAKE RESERVOIR OPERATION
 FOR WEEK ENDING: October 15, 2022

DATE	INDIAN LAKE RESERVOIR			INDIAN RIVER	HUDSON RIVER	
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	NEWCOMB AVG. DAILY C.F.S.	NORTH CREEK AVG. DAILY C.F.S.
Saturday 8	1,645.18	2.64	12 AM - Mid	225	93	587
Sunday 9	1,645.11	2.63	12 AM - Mid	225	88	497
Monday 10	1,644.99	2.61	12 AM - Mid	225	84	558
Tuesday 11	1,644.92	2.60	12 AM - Mid	224	79	446
Wednesday 12	1,644.82	2.58	12 AM - Mid	222	74	514
Thursday 13	1,644.74	2.57	12 AM - Mid	222	78	535
Friday 14	1,644.74	2.57	12 AM - Mid	222	384	1,240
Saturday 15	1,644.78	2.58	12 AM - Mid	222	881	2,060

CHANGE IN STORAGE DURING THE WEEK	-0.07	* INIDAN RIVER NEAR INDIAN LAKE
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ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2018	1,646.19	2.82	6	2015	1,643.20	2.31
2	2022	1,644.78	2.58	7	2013	1,642.77	2.24
3	2019	1,644.28	2.49	8	2021	1,642.15	2.14
4	2020	1,644.13	2.46	9	2014	1,642.07	2.13
5	2017	1,644.00	2.44	10	2016	1,640.65	1.90

CAPACITY AT SPILLWAY CREST (EL 1651.01) 3.7 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
INDIAN LAKE RESERVOIR OPERATION
 FOR WEEK ENDING: October 22, 2022

DATE	INDIAN LAKE RESERVOIR			INDIAN RIVER	HUDSON RIVER	
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	NEWCOMB AVG. DAILY C.F.S.	NORTH CREEK AVG. DAILY C.F.S.
Saturday 15	1,644.78	2.58	12 AM - Mid	222	881	2,060
Sunday 16	1,644.76	2.57	12 AM - Mid	221	654	1,860
Monday 17	1,644.74	2.57	12 AM - Mid	220	438	1,440
Tuesday 18	1,644.73	2.57	12 AM - Mid	218	365	1,270
Wednesday 19	1,644.70	2.56	12 AM - Mid	216	333	1,180
Thursday 20	1,644.64	2.55	12 AM - Mid	216	287	1,060
Friday 21	1,644.57	2.54	12 AM - Mid	215	241	945
Saturday 22	1,644.52	2.53	12 AM - Mid	216	205	857

CHANGE IN STORAGE DURING THE WEEK	-0.04	* INIDAN RIVER NEAR INDIAN LAKE				
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ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	1,645.91	2.77	6	2015	1,642.91	2.26
2	2018	1,645.69	2.73	7	2013	1,642.61	2.22
3	2022	1,644.52	2.53	8	2021	1,642.43	2.19
4	2020	1,644.00	2.44	9	2014	1,642.28	2.16
5	2017	1,643.61	2.38	10	2016	1,640.76	1.92

CAPACITY AT SPILLWAY CREST (EL 1651.01) 3.7 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
STILLWATER RESERVOIR OPERATION

FOR WEEK ENDING: **October 8, 2022**

DATE	STILLWATER RESERVOIR			BEAVER RIVER		BLACK RIVER
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	PERIODS OF RELEASE	STILLWATER RELEASE AVG. DAILY C.F.S.	CROGHAN AVG. DAILY FLOW C.F.S.	WATERTOWN AVG. DAILY FLOW C.F.S.
Saturday 1	1,671.27	2.81	12 AM -Mid	600	742	4,880
Sunday 2	1,671.15	2.79	12 AM -Mid	600	795	3,960
Monday 3	1,670.97	2.75	12 AM -Mid	600	681	3,270
Tuesday 4	1,670.79	2.71	12 AM -Mid	600	673	2,740
Wednesday 5	1,670.61	2.68	12 AM -Mid	600	686	2,600
Thursday 6	1,670.42	2.64	12 AM -Mid	483	561	2,270
Friday 7	1,670.30	2.61	12 AM -Mid	400	535	1,920
Saturday 8	1,670.20	2.59	12 AM -Mid	400	473	1,850

CHANGE IN STORAGE DURING THE WEEK

-0.22

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2021	1,672.34	3.04	6	2014	1,668.69	2.33
2	2019	1,671.84	2.93	7	2016	1,668.51	2.30
3	2015	1,670.58	2.67	8	2013	1,667.79	2.18
4	2022	1,670.20	2.59	9	2018	1,665.54	1.81
5	2017	1,669.99	2.55	10	2020	1,665.45	1.80

CAPACITY AT SPILLWAY CREST (EL 1677.19) 4.213 B.C.F.
CAPACITY AT LOW FLOW LINE (EL 1650.69) 0.10 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
STILLWATER RESERVOIR OPERATION

FOR WEEK ENDING: **October 15, 2022**

DATE	STILLWATER RESERVOIR			BEAVER RIVER		BLACK RIVER
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	PERIODS OF RELEASE	STILLWATER RELEASE AVG. DAILY C.F.S.	CROGHAN AVG. DAILY FLOW C.F.S.	WATERTOWN AVG. DAILY FLOW C.F.S.
Saturday 8	1,670.20	2.59	12 AM -Mid	400	473	1,850
Sunday 9	1,670.10	2.57	12 AM -Mid	400	488	1,830
Monday 10	1,670.00	2.55	12 AM -Mid	400	490	1,830
Tuesday 11	1,669.90	2.53	12 AM -Mid	400	449	1,800
Wednesday 12	1,669.79	2.51	12 AM -Mid	400	408	1,630
Thursday 13	1,669.66	2.49	12 AM -Mid	400	447	1,630
Friday 14	1,669.62	2.49	12 AM -Mid	400	487	2,540
Saturday 15	1,669.55	2.47	12 AM -Mid	400	568	3,700

CHANGE IN STORAGE DURING THE WEEK	-0.12
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ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	1,671.40	2.84	6	2014	1,668.37	2.28
2	2021	1,670.99	2.76	7	2016	1,667.41	2.12
3	2015	1,670.41	2.64	8	2013	1,667.22	2.09
4	2017	1,669.94	2.54	9	2018	1,666.83	2.02
5	2022	1,669.55	2.47	10	2020	1,664.65	1.67

CAPACITY AT SPILLWAY CREST (EL 1677.19) 4.213 B.C.F.
CAPACITY AT LOW FLOW LINE (EL 1650.69) 0.10 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
STILLWATER RESERVOIR OPERATION

FOR WEEK ENDING: [October 22, 2022](#)

DATE	STILLWATER RESERVOIR			BEAVER RIVER		BLACK RIVER
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	PERIODS OF RELEASE	STILLWATER RELEASE AVG. DAILY C.F.S.	CROGHAN AVG. DAILY FLOW C.F.S.	WATERTOWN AVG. DAILY FLOW C.F.S.
Saturday 15	1,669.55	2.47	12 AM -Mid	400	568	3,700
Sunday 16	1,669.45	2.46	12 AM -Mid	400	501	3,920
Monday 17	1,669.35	2.44	12 AM -Mid	400	466	3,530
Tuesday 18	1,669.26	2.43	12 AM -Mid	400	465	2,910
Wednesday 19	1,669.16	2.41	12 AM -Mid	400	467	2,750
Thursday 20	1,669.04	2.39	12 AM -Mid	400	445	2,450
Friday 21	1,668.92	2.37	12 AM -Mid	400	484	2,150
Saturday 22	1,668.83	2.36	12 AM -Mid	400	428	2,190

CHANGE IN STORAGE DURING THE WEEK	-0.12
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ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	1,672.61	3.10	6	2022	1,668.83	2.36
2	2021	1,671.06	2.77	7	2016	1,667.64	2.16
3	2015	1,670.49	2.65	8	2018	1,667.12	2.07
4	2014	1,670.04	2.56	9	2013	1,666.73	2.01
5	2017	1,669.49	2.47	10	2020	1,664.55	1.65

CAPACITY AT SPILLWAY CREST (EL 1677.19) 4.213 B.C.F.
CAPACITY AT LOW FLOW LINE (EL 1650.69) 0.10 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
FULTON CHAIN RESERVOIR OPERATION

FOR WEEK ENDING: [October 8, 2022](#)

DATE	OLD FORGE RESERVOIR			SIXTH LAKE RESERVOIR		
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	RELEASE AVG. DAILY C.F.S.	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	RELEASE AVG. DAILY C.F.S.
Saturday 1	1,706.97	0.922	214	1,785.72	0.293	67
Sunday 2	1,706.89	0.910	214	1,785.62	0.290	67
Monday 3	1,706.77	0.893	123	1,785.49	0.286	43
Tuesday 4	1,706.74	0.890	68	1,785.43	0.284	28
Wednesday 5	1,706.72	0.888	33	1,785.39	0.283	28
Thursday 6	1,706.73	0.889	4	1,785.34	0.281	28
Friday 7	1,706.76	0.893	4	1,785.30	0.280	28
Saturday 8	1,706.79	0.896	4	1,785.26	0.278	28
CHANGE IN STORAGE		-0.026			-0.015	

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST FIVE YEARS

OLD FORGE RESERVOIR				SIXTH LAKE RESERVOIR			
NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	1,707.16	0.947	1	2018	1,786.02	0.303
2	2018	1,707.01	0.927	2	2019	1,785.98	0.301
3	2021	1,706.94	0.916	3	2020	1,785.96	0.301
4	2020	1,706.91	0.912	4	2021	1,785.87	0.298
5	2022	1,706.79	0.896	5	2022	1,785.26	0.278

OLD FORGE CAPACITY AT SPILLWAY CREST (EL 1706.99) 0.924 B.C.F.
SIXTH LAKE CAPACITY AT SPILLWAY CREST (EL 1785.83) 0.297 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
FULTON CHAIN RESERVOIR OPERATION

FOR WEEK ENDING: [October 15, 2022](#)

DATE	OLD FORGE RESERVOIR			SIXTH LAKE RESERVOIR		
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	RELEASE AVG. DAILY C.F.S.	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	RELEASE AVG. DAILY C.F.S.
Saturday 8	1,706.79	0.896	4	1,785.26	0.278	28
Sunday 9	1,706.80	0.897	4	1,785.22	0.277	28
Monday 10	1,706.83	0.901	4	1,785.17	0.275	28
Tuesday 11	1,706.85	0.904	4	1,785.13	0.274	28
Wednesday 12	1,706.87	0.907	4	1,785.08	0.273	28
Thursday 13	1,706.90	0.912	139	1,785.03	0.271	28
Friday 14	1,706.90	0.912	278	1,785.07	0.272	28
Saturday 15	1,706.77	0.893	276	1,785.10	0.273	28
CHANGE IN STORAGE		-0.003			-0.005	

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST FIVE YEARS

OLD FORGE RESERVOIR				SIXTH LAKE RESERVOIR			
NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2020	1,706.89	0.909	1	2020	1,786.03	0.303
2	2022	1,706.77	0.893	2	2021	1,785.65	0.291
3	2019	1,706.72	0.888	3	2019	1,785.65	0.291
4	2018	1,706.67	0.880	4	2018	1,785.56	0.288
5	2021	1,706.64	0.876	5	2022	1,785.10	0.273

OLD FORGE CAPACITY AT SPILLWAY CREST (EL 1706.99) 0.924 B.C.F.
SIXTH LAKE CAPACITY AT SPILLWAY CREST (EL 1785.83) 0.297 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
FULTON CHAIN RESERVOIR OPERATION

FOR WEEK ENDING: [October 22, 2022](#)

DATE	OLD FORGE RESERVOIR			SIXTH LAKE RESERVOIR		
	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	RELEASE AVG. DAILY C.F.S.	WATER SURFACE ELEV. 12 A.M.	AVAIL. STORAGE B.C.F.	RELEASE AVG. DAILY C.F.S.
Saturday 15	1,706.77	0.893	276	1,785.10	0.273	28
Sunday 16	1,706.61	0.872	274	1,785.09	0.273	28
Monday 17	1,706.46	0.853	192	1,785.06	0.272	28
Tuesday 18	1,706.33	0.833	141	1,785.04	0.271	28
Wednesday 19	1,706.26	0.825	140	1,785.00	0.270	28
Thursday 20	1,706.16	0.812	139	1,784.95	0.269	27
Friday 21	1,706.10	0.802	98	1,784.92	0.268	27
Saturday 22	1,706.09	0.801	69	1,784.87	0.266	27
CHANGE IN STORAGE		-0.093			-0.007	

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST FIVE YEARS

OLD FORGE RESERVOIR				SIXTH LAKE RESERVOIR			
NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	1,707.27	0.962	1	2021	1,785.57	0.288
2	2020	1,706.50	0.858	2	2020	1,785.29	0.279
3	2018	1,706.20	0.817	3	2018	1,785.02	0.271
4	2022	1,706.09	0.801	4	2019	1,784.90	0.267
5	2021	1,706.01	0.792	5	2022	1,784.87	0.266

OLD FORGE CAPACITY AT SPILLWAY CREST (EL 1706.99) 0.924 B.C.F.
SIXTH LAKE CAPACITY AT SPILLWAY CREST (EL 1785.83) 0.297 B.C.F.

Datum: NAVD 88

CHIEF ENGINEER

**Hudson River Area
Report of the Operations Manager
Sacandaga Field Office at Great Sacandaga Lake
October 2022**

Activity report for October 2022

SFO

- Performed lawn maintenance and general upkeep
- Cleaned offices and conference room weekly
- Performed maintenance on vehicles and equipment
- Cut sign boards and stakes
- Built a life vest sharing station
- Serviced boats for winter storage

Indian Lake

- Repaired the flashing around the chimney
- Jacked up the bay window and installed supports
- Obtained burning permit and burned driftwood

Conklingville Dam

- Read and reported piezometer data including spillway and toe observations daily
- Performed lawn maintenance and general upkeep
- Performed maintenance on vehicles and equipment
- Performed a monthly dow valve test
- Serviced boats for winter storage
- Removed danger buoys

Respectfully,

Matthew Ginter

Operations Manager

**Black River Area
Report of the Superintendent
Black River Field Office at the Stillwater Reservoir (BRFO)
October 2022**

- Road maintenance, removed rock, applied gravel
- Covid 19 regulation.
- Continued work on leech field at BRFO
- Mowing/trimming at facilities
- Received gate shafts/hardware for Gate #4
- Periodic maintenance to mowing equipment
- Worked with engineering staff on Gate #4 repair
- Installed driveway mix to top of south embankment
- Visited Hawkinsville Dam project
- Cleaned racks at SL
- Applied gravel to necessary dam road
- Removed booms at SL/OF
- SW staff gauges and Stevens recorder moved to 1988 NAVD (corrected)
- Monitoring continues: piezometers, weirs, profile surveys, seepage sites.
- Misc. gate changes at Stillwater, O.F. & S.L.
- Daily readings Stillwater, O.F. & S.L.