

REPORT OF CHIEF ENGINEER
HUDSON RIVER - BLACK RIVER REGULATING DISTRICT
BOARD MEETING
MAY 10, 2022 – OLD FORGE, NEW YORK

HUDSON RIVER AREA - APRIL SUMMARY

Reservoir Operation

Great Sacandaga Lake

The April average daily release from the Sacandaga Reservoir (Great Sacandaga Lake) was approximately 3,010 cubic feet per second (cfs). The Upper Hudson / Sacandaga River Offer of Settlement target elevation for April 30 is 763.62 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
Mar. 31	761.55	+10.85	+12.43	0	2,170
Apr. 30	769.0 (e)	+4.0 (e)	+5.4 (e)	0	4000 (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 April average daily release from Indian Lake was approximately 610 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	
Mar. 31	1,647.87	+6.23	+10.79	329
Apr. 30	1,650.6 (e)	+0.6 (e)	0.0 (e)	530 (e)

Notes: ⁽¹⁾ Local datum = NAVD elevation + 1617.63ft; spillway crest = 1651.01ft (33.38ft)

⁽²⁾ "(e)" represents estimated value

HUDSON RIVER AREA - APRIL SUMMARY- continued

River Flow

Hudson River flow, downstream of the confluence with the Sacandaga River, was approximately 14,010 cfs on April 25 and approximately 2,850 cfs above 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	3,420 (e)	3,570
Sacandaga at Stewarts Bridge	3,010 (e)	1,240
Indian at Indian Lake Dam	613 (e)	220
Hudson at Hadley (1)	8,400 (e)	8,370

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

Precipitation

Monthly total precipitation measured 140%, 150%, and 156% historic average at Indian Lake, Mayfield, and Conklingville, respectively, as of April 25

Table 4.0 - *Hudson River Basin Precipitation - as of April 25*

Station	Monthly Total (inch)	Historic Average (inch)
Indian Lake	4.90	3.50
Mayfield	5.78	3.85
Conklingville	5.83	3.74

HUDSON RIVER AREA - APRIL SUMMARY- continued

Operation Overview

Precipitation during the month of April was above normal across the Great Sacandaga Lake watershed and above average in the Indian Lake watershed. The monthly inflow to Great Sacandaga Lake and Indian Lake reservoir was approximately 91% and 92% of historic average, respectively. Monthly release of water from Great Sacandaga Lake and Indian Lake measured 253% and 175% of historic average, respectively.

Great Sacandaga Lake Operation

Great Sacandaga Lake operation summary report for the period April 1, 2022 through April 26, 2022 is attached. This report includes projected and forecast values for dates after April 26, 2022.

Hudson River Area Staff Activities

Staff completed routine maintenance and operations activities during the month.

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

BLACK RIVER AREA – APRIL SUMMARY

Reservoir Operations

Stillwater Reservoir

The April average daily release from Stillwater Reservoir was approximately 250 cfs. The maximum discharge for the month was 250 cfs.

Table 1.0 - *Stillwater Reservoir Elevation and Release*

Date	Daily Average Elevation (ft, NAVD)	Deviation from Average Elevation (ft) (1)	Release (cfs)
Mar. 31	1,673.99	+5.81	250
Apr. 30	1,678.7 (e)	+1.5 (e)	250 (e)

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

Sixth Lake Reservoir

The April average daily release from Sixth Lake Reservoir was approximately 20 cfs.

Table 2.0 - *Sixth Lake Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Mar. 31	1,781.82	-0.25	53
Apr. 30	1,785.0 (e)	+0.2 (e)	8 (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 April average daily release from Old Forge Reservoir was approximately 50 cfs.

Table 3.0 - *Old Forge Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Mar. 31	1,704.46	+0.49	95
Apr. 30	1,706.6 (e)	+0.8 (e)	8 (e)

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

BLACK RIVER AREA - APRIL SUMMARY - continued

River Flow

The average daily Black River flow, as measured at the Watertown gauge, was approximately 7,820 cfs on April 25.

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

River	Monthly Average Flow (cfs)	Historic Average Flow (1) (cfs)
Moose at McKeever	2,015 (e)	2,185
Beaver at Croghan	670 (e)	833
Black at Watertown	7,260 (e)	9,920

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 125%, 127%, 118% of historic average at Stillwater, Old Forge, and Sixth Lake, respectively, as of April 25.

Table 5.0 - *Black River Basin Precipitation - as of April 25*

Station	Monthly Total (inch)	Historic Average (inch)
Stillwater	4.74	3.80
Old Forge	4.95	3.90
Sixth Lake	4.20	3.55

BLACK RIVER AREA - APRIL SUMMARY - continued

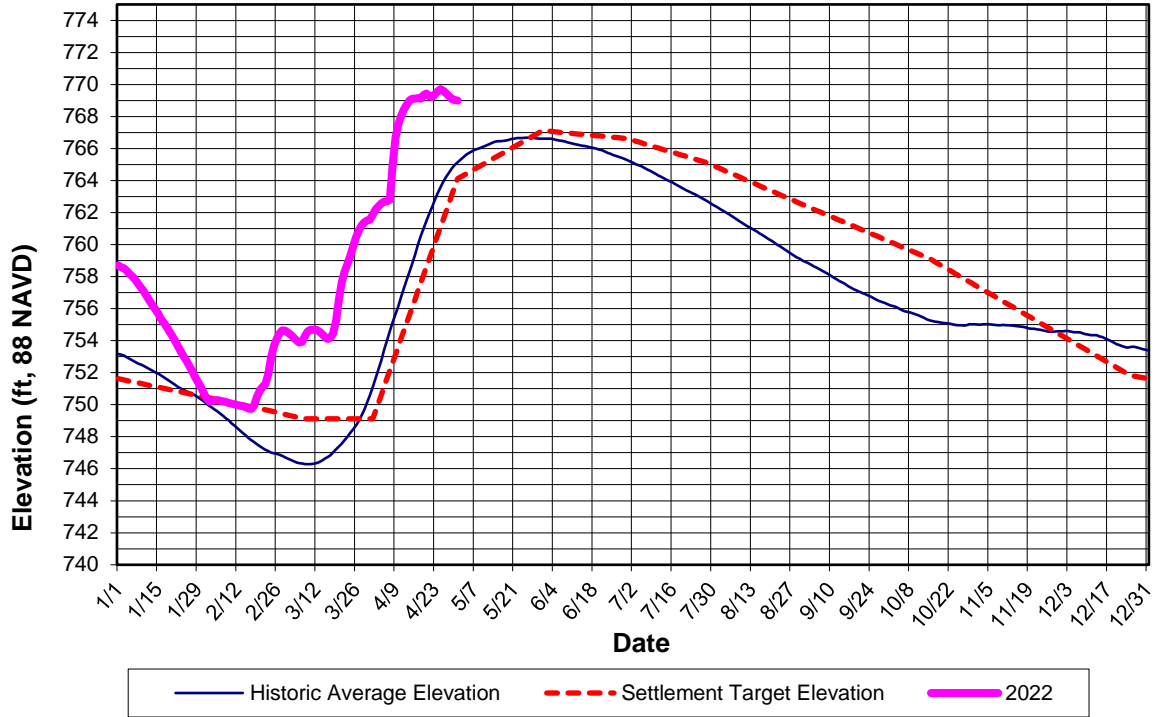
Operation Overview

Precipitation in the month of April was above average at Stillwater, and above average Old Forge and Sixth Lake. The monthly inflow to Stillwater Reservoir was approximately 75% of historic average. The inflow to Sixth Lake and Old Forge Reservoir totaled 0.17 and 0.40 billion cubic feet, respectively, in April. Release of water from Stillwater Reservoir averaged 72% of historic discharge.

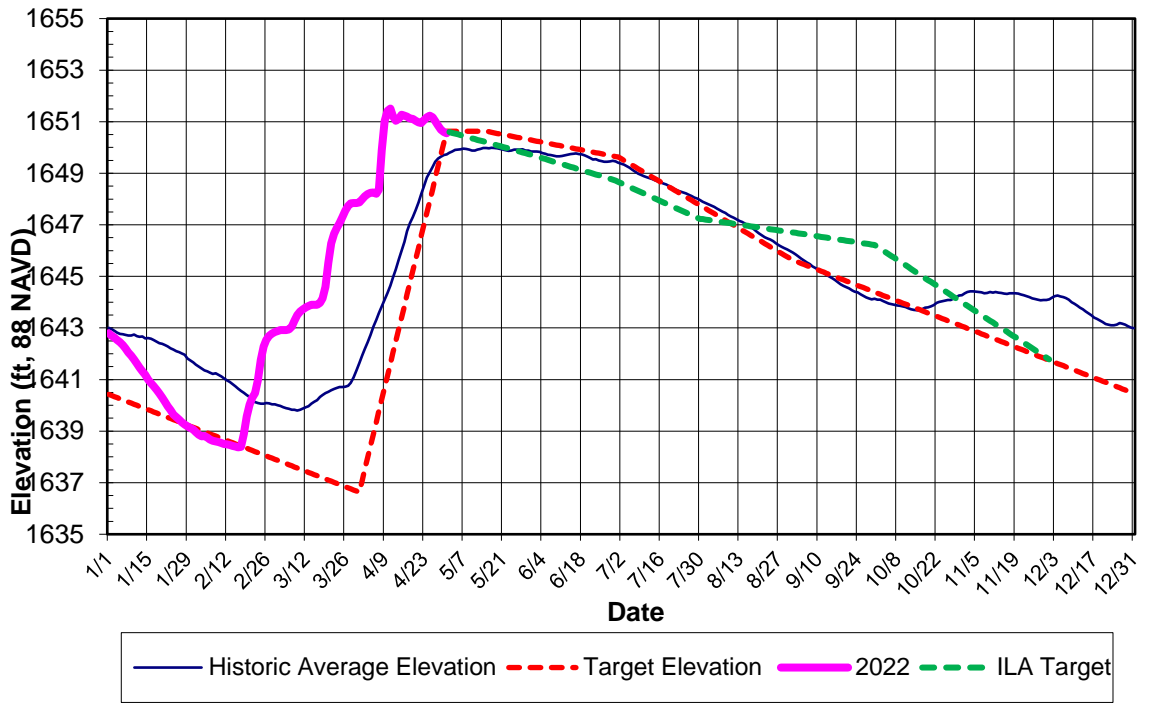
Black River Area Staff Activities

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

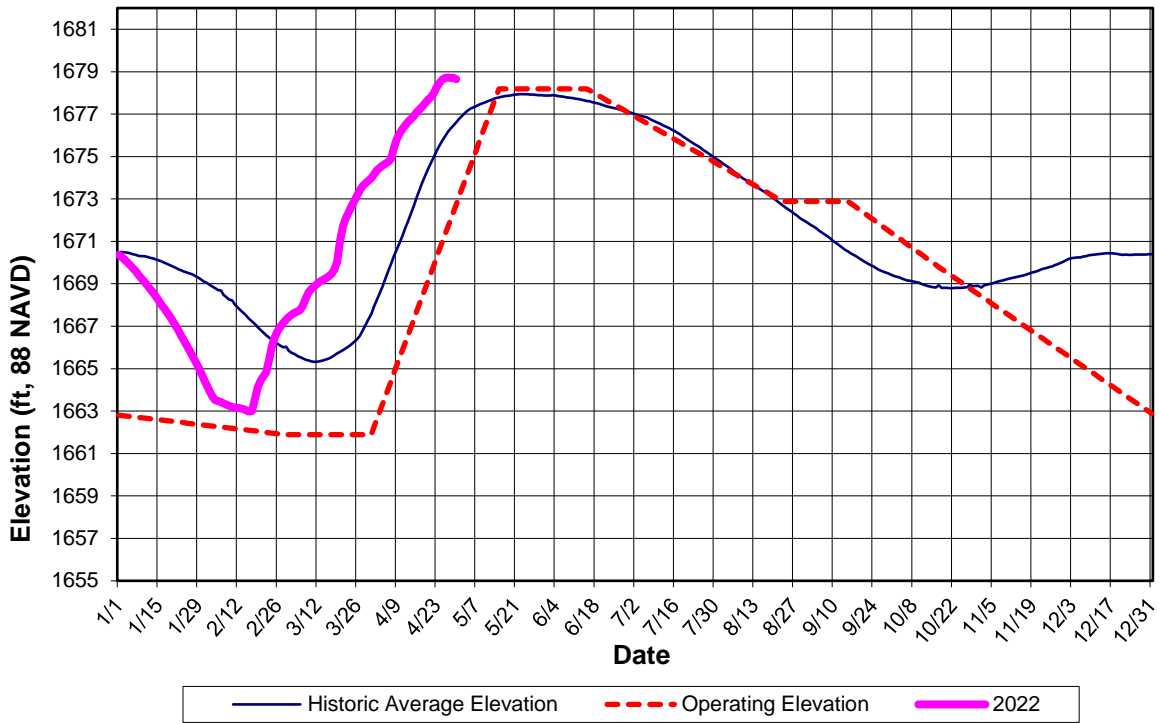
Great Sacandaga Lake 2022 Reservoir Elevation



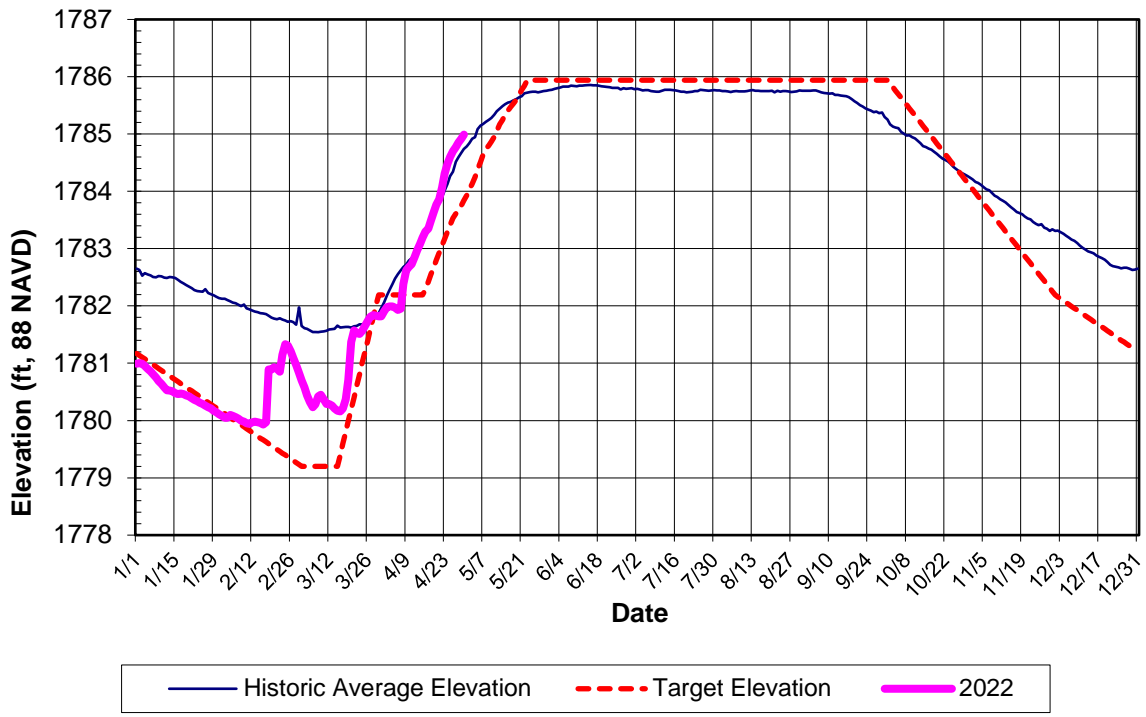
Indian Lake 2022 Reservoir Elevation



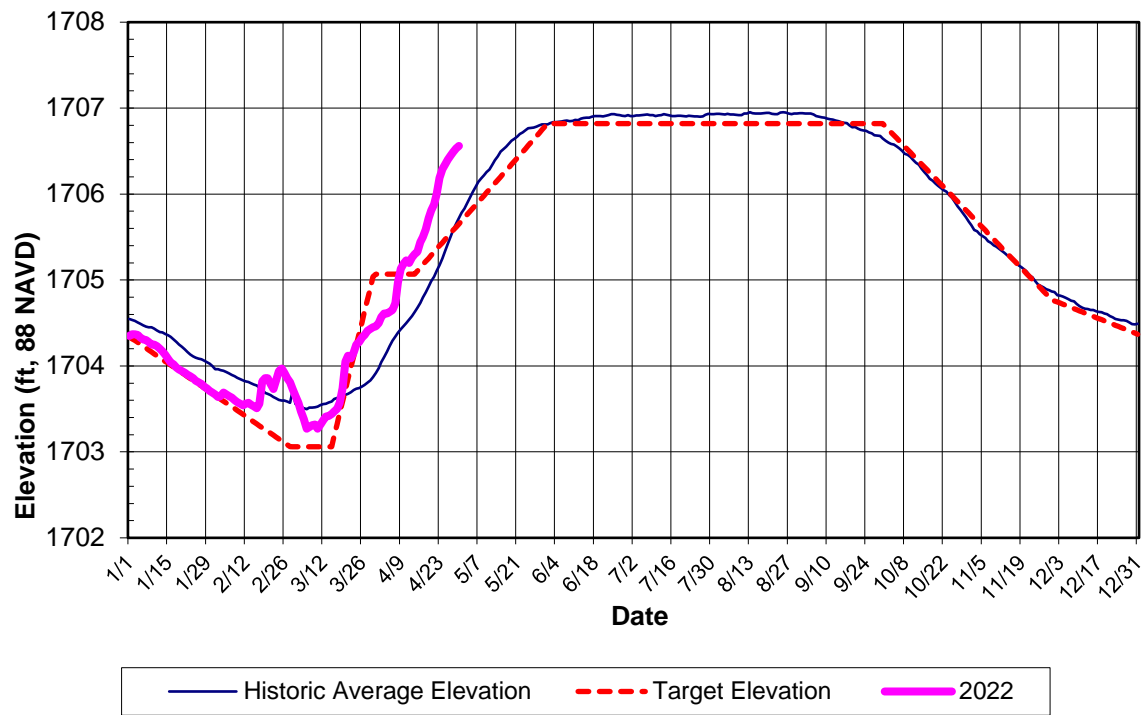
Stillwater Reservoir 2022 Reservoir Elevation



Sixth Lake 2022 Reservoir Elevation



Old Forge 2022 Reservoir Elevation



SACANDAGA RESERVOIR ELEVATION CALCULATOR

Datum:

1988 NAVD

Settlement Parameters	
Date	4/26/2022
Target Elevation	761.62
Actual "Level"	3.81
"Level 2.5 threshold"	
"Level 1.2 threshold"	753.59
Hudson River Target	Elevation Level
Maximum Flow (cfs)	21000 20900
Minimum Flow (cfs)	n/a 3620
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	4/26/2022
Day of Year	5595
Starting Elevation (ft)	769.66
Average Elevation	769.59
Flow Below Hadley (cfs)	14200
Todays Release	6600
Tomorrows Release	6600

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

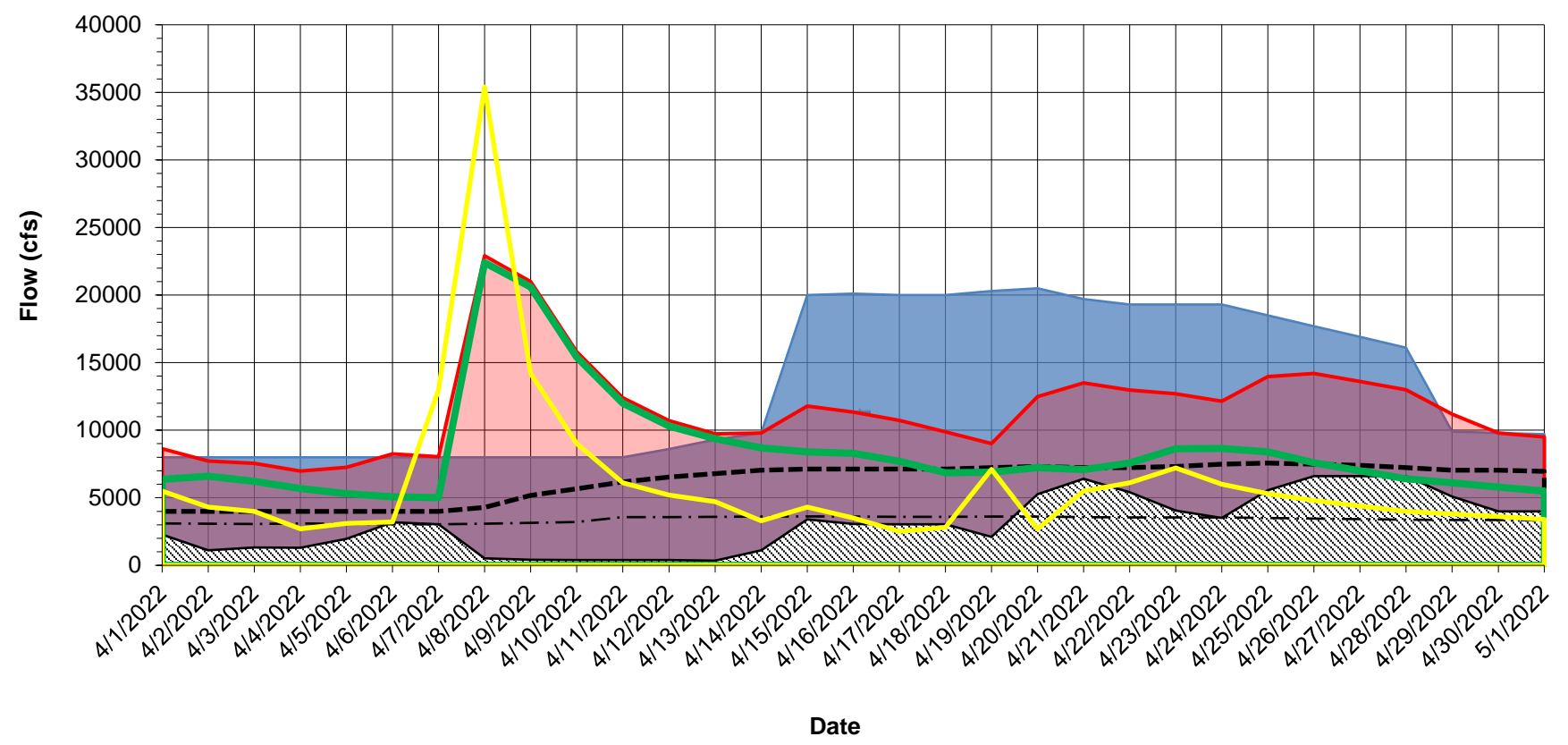
Starting Date 12:00 AM	Starting Elevation	Net Average Inflow	Sacandaga River Flow					Settlement Level	Hudson at Hadley	Hudson River Below Confluence	Hudson River Target Flow			Ending Elevation	Ending Date 12:00 AM	Daily Average Elevation	Settlement Target Elevation	Historic Daily Average Elev.
			E.J. West	Valves	Spillway	Average Release	Maximum (Table F - Elev.)				Minimum (Table C - Level)	Maximum (Table D - Elev.)	Maximum (Table E - Level)					
4/1/2022	761.68	5500	991	1283	0	2274	4000	3.55	6360	8634	3100	8000	10500	761.94	4/2/2022	761.81	749.12	751.21
4/2/2022	761.94	4300	1120	0	0	1120	4000	3.54	6600	7720	3080	8000	10100	762.19	4/3/2022	762.07	749.62	751.77
4/3/2022	762.19	4000	1330	0	0	1330	4000	3.54	6210	7540	3060	8000	9700	762.40	4/4/2022	762.30	750.12	752.33
4/4/2022	762.40	2700	1290	0	0	1290	4000	3.55	5680	6970	3100	8000	10500	762.51	4/5/2022	762.46	750.62	752.89
4/5/2022	762.51	3100	1950	0	0	1950	4000	3.54	5310	7260	3060	8000	9700	762.60	4/6/2022	762.56	751.12	753.50
4/6/2022	762.60	3200	3180	0	0	3180	4000	3.52	5060	8240	3040	8000	9300	762.60	4/7/2022	762.60	751.62	754.09
4/7/2022	762.60	13000	3040	0	0	3040	4000	3.52	5000	8040	3040	8000	9300	763.39	4/8/2022	763.00	752.12	754.69
4/8/2022	763.39	35400	507	0	0	507	4280	3.55	22400	22907	3080	8000	10100	766.12	4/9/2022	764.76	752.62	755.24
4/9/2022	766.12	14200	404	0	0	404	5167	3.58	20600	21004	3140	8000	11300	767.18	4/10/2022	766.65	753.12	755.75
4/10/2022	767.18	9000	399	0	0	399	5660	3.60	15400	15799	3200	8000	12500	767.83	4/11/2022	767.51	753.62	756.26
4/11/2022	767.83	6100	395	0	0	395	6180	3.78	12000	12395	3560	8000	19700	768.26	4/12/2022	768.05	754.12	756.80
4/12/2022	768.26	5200	395	0	0	395	6527	3.79	10300	10695	3560	8600	19700	768.62	4/13/2022	768.44	754.62	757.34
4/13/2022	768.62	4700	350	0	0	350	6787	3.80	9370	9720	3580	9300	20100	768.94	4/14/2022	768.78	755.12	757.87
4/14/2022	768.94	3300	1100	0	0	1100	7047	3.80	8690	9790	3600	9800	20500	769.10	4/15/2022	769.02	755.62	758.40
4/15/2022	769.10	4300	3390	0	0	3390	7133	3.81	8390	11780	3620	20000	20900	769.16	4/16/2022	769.13	756.12	758.94
4/16/2022	769.16	3500	3050	0	0	3050	7133	3.80	8280	11330	3600	20100	20500	769.19	4/17/2022	769.18	756.62	759.49
4/17/2022	769.19	2500	3040	0	0	3040	7133	3.80	7690	10730	3580	20000	20100	769.14	4/18/2022	769.17	757.12	760.07
4/18/2022	769.14	2800	3030	0	0	3030	7133	3.79	6850	9880	3580	20000	20100	769.12	4/19/2022	769.13	757.62	760.61
4/19/2022	769.12	7100	2110	0	0	2110	7220	3.80	6890	9000	3600	20300	20500	769.49	4/20/2022	769.31	758.12	761.08
4/20/2022	769.49	2700	3800	1458	0	5258	7307	3.80	7230	12488	3600	20500	20500	769.29	4/21/2022	769.39	758.62	761.56
4/21/2022	769.29	5500	3900	2500	0	6400	7220	3.78	7090	13490	3560	20200	19700	769.22	4/22/2022	769.26	759.12	762.00
4/22/2022	769.22	6100	3900	1510	0	5410	7220	3.77	7570	12980	3540	20200	19300	769.27	4/23/2022	769.25	759.62	762.42
4/23/2022	769.27	7200	4060	0	0	4060	7307	3.77	8630	12690	3540	20500	19300	769.50	4/24/2022	769.39	760.12	762.85
4/24/2022	769.50	6000	3500	0	0	3500	7480	3.77	8650	12150	3540	20900	19300	769.68	4/25/2022	769.59	760.62	763.25
4/25/2022	769.68	5300	4040	1517	0	5557	7567	3.75	8400	13957	3500	21100	18500	769.66	4/26/2022	769.67	761.12	763.63
4/26/2022	769.66	4800	4000	2600	0	6600	7480	3.73	7600	14200	3460	20900	17700	769.52	4/27/2022	769.59	761.62	763.98
4/27/2022	769.52	4400	4000	2600	0	6600	7393	3.72	7000	13600	3420	20600	16900	769.35	4/28/2022	769.44	762.12	764.28
4/28/2022	769.35	4000	4000	2600	0	6600	7220	3.70	6400	13000	3380	20200	16100	769.15	4/29/2022	769.25	762.62	764.54
4/29/2022	769.15	3800	4000	1083	0	5083	7047	3.68	6100	11183	3360	9900	15700	769.05	4/30/2022	769.10	763.12	764.78
4/30/2022	769.05	3600	4000	0	0	4000	7047	3.68	5800	9800	3360	9800	15700	769.01	5/1/2022	769.03	763.62	764.99
5/1/2022	769.01	3400	4000	0	0	4000	6960	3.67	5500	9500	3340	9700	15300	768.96	5/2/2022	768.99	764.12	765.15
5/2/2022	768.96	3200	4000	0	0	4000	6960	3.66	5200	9200	3320	9500	14900	768.89	5/3/2022		764.32	765.32
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

**GREAT SACANDAGA LAKE
RESERVOIR OPERATION SUMMARY**

Print Date: 4/26/2022
Period of Record: 4/1/2022 to 4/29/2022

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
4/1/2022	761.81	5500	2274	4000	3.55	6360	8634	3100	8000	4000		
4/2/2022	762.07	4300	1120	4000	3.54	6600	7720	3080	8000	4000		
4/3/2022	762.30	4000	1330	4000	3.54	6210	7540	3060	8000	4000		
4/4/2022	762.46	2700	1290	4000	3.55	5680	6970	3100	8000	4000		
4/5/2022	762.56	3100	1950	4000	3.54	5310	7260	3060	8000	4000		
4/6/2022	762.60	3200	3180	4000	3.52	5060	8240	3040	8000	4000		
4/7/2022	763.00	13000	3040	4000	3.52	5000	8040	3040	8000	4000		
4/8/2022	764.76	35400	507	4280	3.55	22400	22907	3080	8000	4000		
4/9/2022	766.65	14200	404	5167	3.58	20600	21004	3140	8000	4933		
4/10/2022	767.51	9000	399	5660	3.60	15400	15799	3200	8000	5400		
4/11/2022	768.05	6100	395	6180	3.78	12000	12395	3560	8000	6007		
4/12/2022	768.44	5200	395	6527	3.79	10300	10695	3560	8600	6353		
4/13/2022	768.78	4700	350	6787	3.80	9370	9720	3580	9300	6700		
4/14/2022	769.02	3300	1100	7047	3.80	8690	9790	3600	9800	6960		
4/15/2022	769.13	4300	3390	7133	3.81	8390	11780	3620	20000	7047		
4/16/2022	769.18	3500	3050	7133	3.80	8280	11330	3600	20100	7133		
4/17/2022	769.17	2500	3040	7133	3.80	7690	10730	3580	20000	7133		
4/18/2022	769.13	2800	3030	7133	3.79	6850	9880	3580	20000	7133		
4/19/2022	769.31	7100	2110	7220	3.80	6890	9000	3600	20300	7133		
4/20/2022	769.39	2700	5258	7307	3.80	7230	12488	3600	20500	7393		
4/21/2022	769.26	5500	6400	7220	3.78	7090	13490	3560	19700	7220		
4/22/2022	769.25	6100	5410	7220	3.77	7570	12980	3540	19300	7220		
4/23/2022	769.39	7200	4060	7307	3.77	8630	12690	3540	19300	7220		
4/24/2022	769.59	6000	3500	7480	3.77	8650	12150	3540	19300	7393		
4/25/2022	769.67	5300	5557	7567	3.75	8400	13957	3500	18500	7567		
4/26/2022	769.59	4800	6600	7480	3.73	7600	14200	3460	17700	7567		
4/27/2022	769.44	4400	6600	7393	3.72	7000	13600	3420	16900	7480		
4/28/2022	769.25	4000	6600	7220	3.70	6400	13000	3380	16100	7307		
4/29/2022	769.10	3800	5083	7047	3.68	6100	11183	3360	9900	7133		
4/30/2022	769.03	3600	4000	7047	3.68	5800	9800	3360	9800	7047		
5/1/2022	768.99	3400	4000	6960	3.67	5500	9500	3340	9700	6960		

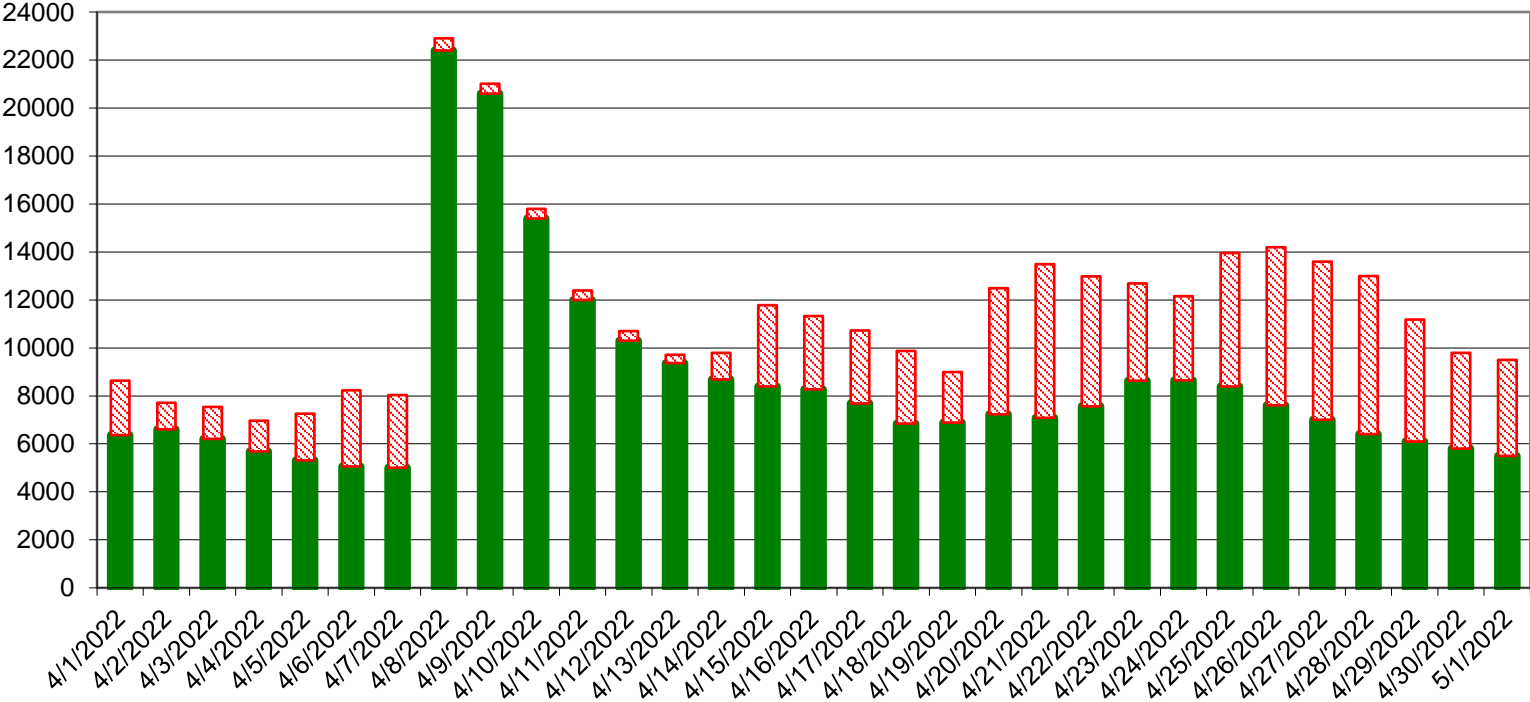
Great Sacandaga Lake Actual and Maximum Allowable Hudson River Flow Below Confluence



- Maximum Allowable Hudson River Flow Below Confluence
- Hudson River Flow Below Confluence
- Maximum Allowable Sacandaga River Flow
- Sacandaga River Flow
- Minimum Allowable Hudson River Flow Below Confluence
- Hudson River at Hadley
- Great Sacandaga Lake Inflow

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: March 2022

Day	Sacandaga Reservoir Elevation Average Daily	Sacandaga Reservoir Elevation Midnight	Sacandaga River Near Hope cfs	Reservoir Inflow Hope x 2.2688 cfs	Sacandaga River at Stewarts Bridge cfs	Hudson River at Hadley cfs	Regulated Hudson River below confluence cfs
1	754.62	754.68	1580	3585	3570	4080	7650
2	754.51	754.56	1450	3290	3630	3580	7210
3	754.36	754.45	1230	2791	3950	3430	7380
4	754.18	754.27	1020	2314	3370	3410	6780
5	754.01	754.09	955	2167	2980	2950	5930
6	753.89	753.95	951	2158	3490	2670	6160
7	753.93	753.90	1710	3880	2040	3470	5510
8	754.28	754.13	2970	6738	2400	5010	7410
9	754.58	754.47	2560	5808	2910	5200	8110
10	754.68	754.70	2030	4606	3480	4940	8420
11	754.69	754.70	1750	3970	3480	4590	8070
12	754.69	754.68	1520	3449	3540	4210	7750
13	754.59	754.68	1260	2859	4010	3530	7540
14	754.42	754.44	1220	2768	3640	3530	7170
15	754.24	754.31	1120	2541	4670	3540	8210
16	754.10	754.14	1340	3040	3470	3840	7310
17	754.19	754.10	1900	4311	2240	4630	6870
18	754.47	754.31	3280	7442	1420	5960	7380
19	755.20	754.73	6170	13998	407	8020	8427
20	756.57	755.87	9130	20714	407	13400	13807
21	757.64	757.25	6310	14316	404	13700	14104
22	758.33	757.99	4610	10459	401	11600	12001
23	758.80	758.60	3610	8190	400	9530	9930
24	759.26	759.02	3190	7237	404	8450	8854
25	759.84	759.53	4030	9143	404	9080	9484
26	760.41	760.17	3820	8667	401	9460	9861
27	760.88	760.66	3160	7169	400	8830	9230
28	761.19	761.04	2570	5831	747	7830	8577
29	761.39	761.32	2030	4606	1270	6780	8050
30	761.49	761.48	1710	3880	1650	6080	7730
31	761.55	761.47	1760	3993	2170	5610	7780

AVERAGE 2640 6000 2190 6160 8350

CHANGE IN STORAGE DURING THE MONTH 7.19 B.C.F.

 CHIEF ENGINEER

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

Monthly Report for: March, 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	1642.84	1642.80	252	178	472	1680
2	1642.88	1642.85	308	178	404	1520
3	1642.92	1642.91	177	177	356	1380
4	1642.92	1642.91	232	176	318	1130
5	1642.92	1642.94	157	176	281	1100
6	1642.95	1642.93	158	177	267	1100
7	1643.05	1642.92	680	180	328	1630
8	1643.28	1643.19	549	179	545	2360
9	1643.50	1643.39	530	178	712	2610
10	1643.64	1643.58	363	178	675	2350
11	1643.73	1643.68	322	178	575	2010
12	1643.80	1643.75	356	179	503	1810
13	1643.85	1643.84	260	181	433	1620
14	1643.90	1643.88	319	181	389	1500
15	1643.90	1643.95	182	261	355	1420
16	1643.90	1643.91	279	299	339	1520
17	1643.98	1643.90	559	303	359	1910
18	1644.15	1644.03	817	305	511	2920
19	1644.60	1644.29	1730	313	935	5270
20	1645.53	1645.01	2227	318	1970	9310
21	1646.28	1645.98	1303	319	2590	8720
22	1646.66	1646.48	907	320	2050	6720
23	1646.86	1646.77	632	320	1440	4810
24	1647.06	1646.92	825	325	1120	3860
25	1647.30	1647.16	912	329	1060	4480
26	1647.55	1647.44	745	328	1170	4880
27	1647.74	1647.64	599	328	1110	4300
28	1647.83	1647.77	578	328	912	3420
29	1647.85	1647.89	224	328	732	2730
30	1647.85	1647.84	370	328	594	2320
31	1647.87	1647.87	391	329	540	2120

AVERAGE 579 254 776 3049

CHANGE IN STORAGE DURING THE MONTH 0.870 B.C.F

 CHIEF ENGINEER

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

Monthly Report for: March 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	1667.31	1667.25	499	250	870	600	7580
2	1667.44	1667.38	480	250	845	404	6410
3	1667.55	1667.50	441	250	802	407	5610
4	1667.63	1667.60	365	250	661	502	4910
5	1667.69	1667.66	346	250	637	418	4430
6	1667.77	1667.71	556	250	774	381	4220
7	1668.01	1667.87	805	250	1110	558	6510
8	1668.34	1668.16	881	250	1460	944	7630
9	1668.60	1668.49	652	250	1330	681	7940
10	1668.77	1668.70	499	250	1060	578	7930
11	1668.89	1668.83	441	250	913	448	7720
12	1669.01	1668.93	518	250	859	477	7180
13	1669.12	1669.07	422	250	762	483	6660
14	1669.19	1669.16	384	250	775	483	6000
15	1669.27	1669.23	441	250	768	443	5450
16	1669.36	1669.33	403	250	851	379	5300
17	1669.46	1669.41	499	250	1030	554	6230
18	1669.66	1669.54	709	250	1440	869	8130
19	1670.04	1669.78	1800	250	2560	1100	9470
20	1671.01	1670.48	2523	250	5470	2160	14400
21	1671.69	1671.43	1398	250	3900	2080	20800
22	1672.08	1671.90	1130	250	2320	1090	23000
23	1672.37	1672.25	987	250	1600	658	17800
24	1672.62	1672.54	733	250	1400	579	13400
25	1672.88	1672.73	1016	250	1560	750	10600
26	1673.16	1673.03	937	250	1530	666	9400
27	1673.41	1673.29	858	250	1350	822	8640
28	1673.61	1673.52	699	250	1140	680	8080
29	1673.75	1673.69	594	250	944	638	7210
30	1673.87	1673.82	514	250	878	477	6390
31	1673.99	1673.92	654	250	899	398	5580

AVERAGE	748	250	1370	700	8730
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CHANGE IN STORAGE DURING THE MONTH 1.33 B.C.F.

 CHIEF ENGINEER

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

Monthly Report for: March, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1780.83	1780.89	116	3.00	3.00	154
2	1780.70	1780.78	102	3.00	3.00	151
3	1780.58	1780.64	103	3.00	3.00	148
4	1780.44	1780.51	101	3.00	3.00	146
5	1780.32	1780.38	98	3.00	3.00	143
6	1780.23	1780.25	134	3.00	3.00	141
7	1780.28	1780.23	177	3.00	3.00	142
8	1780.42	1780.33	190	3.00	3.00	145
9	1780.45	1780.46	132	3.00	3.00	146
10	1780.37	1780.42	106	3.00	3.00	144
11	1780.29	1780.31	82	1.00	1.00	92
12	1780.29	1780.28	65	1.00	1.00	65
13	1780.26	1780.28	51	1.00	1.00	65
14	1780.21	1780.24	43	1.00	1.00	64
15	1780.17	1780.18	57	1.00	1.00	64
16	1780.16	1780.16	58	0.67	0.67	51
17	1780.21	1780.18	79	0.67	0.67	44
18	1780.37	1780.28	113	0.67	0.67	44
19	1780.71	1780.48	249	0.67	0.67	44
20	1781.37	1781.07	215	0.67	0.67	44
21	1781.57	1781.56	121	3.00	3.00	125
22	1781.53	1781.55	147	3.00	3.00	168
23	1781.51	1781.49	108	0.67	0.67	94
24	1781.56	1781.53	74	0.67	0.67	52
25	1781.65	1781.59	88	0.67	0.67	52
26	1781.74	1781.69	84	0.67	0.67	52
27	1781.81	1781.78	66	0.67	0.67	52
28	1781.84	1781.82	60	0.67	0.67	53
29	1781.83	1781.84	50	0.67	0.67	53
30	1781.82	1781.83	46	0.67	0.67	53
31	1781.82	1781.81	70	0.67	0.67	53

AVERAGE 103 92

CHANGE IN STORAGE DURING THE MONTH 0.029 B.C.F

 CHIEF ENGINEER

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

Monthly Report for: March, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1703.73	1703.88	111	4.00	4.00	227
2	1703.65	1703.80	108	4.00	4.00	224
3	1703.57	1703.72	90	4.00	4.00	220
4	1703.47	1703.63	57	4.00	4.00	216
5	1703.38	1703.52	82	4.00	4.00	212
6	1703.27	1703.43	136	4.00	4.00	208
7	1703.29	1703.38	222	4.00	4.00	208
8	1703.31	1703.39	281	4.00	4.00	209
9	1703.32	1703.44	122	4.00	4.00	209
10	1703.27	1703.38	150	4.00	4.00	208
11	1703.32	1703.35	149	1.17	1.17	135
12	1703.37	1703.36	155	1.17	1.17	97
13	1703.41	1703.39	140	1.17	1.17	97
14	1703.42	1703.42	112	1.17	1.17	98
15	1703.44	1703.43	156	1.17	1.17	98
16	1703.47	1703.47	127	1.17	1.17	98
17	1703.50	1703.49	142	1.17	1.17	99
18	1703.57	1703.53	229	1.17	1.17	99
19	1703.74	1703.62	549	1.17	1.17	101
20	1704.05	1703.92	474	1.17	1.17	103
21	1704.12	1704.17	224	4.00	4.00	193
22	1704.09	1704.19	228	4.00	4.00	244
23	1704.16	1704.18	256	1.00	1.00	154
24	1704.25	1704.25	108	1.00	1.00	94
25	1704.28	1704.26	137	1.00	1.00	94
26	1704.33	1704.30	154	1.00	1.00	94
27	1704.36	1704.34	229	1.00	1.00	94
28	1704.41	1704.42	110	1.00	1.00	95
29	1704.43	1704.43	110	1.00	1.00	95
30	1704.45	1704.44	125	1.00	1.00	95
31	1704.46	1704.46	155	1.00	1.00	95

AVERAGE 175 146

CHANGE IN STORAGE DURING THE MONTH 0.080 B.C.F

 CHIEF ENGINEER

STATE OF NEW YORK
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SACANDAGA RESERVOIR OPERATION
 FOR WEEK ENDING: April 2, 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 26	760.17	26.71	12 AM - Mid	401	9,460	9,861
Sunday 27	760.66	27.22	12 AM - Mid	400	8,830	9,230
Monday 28	761.04	27.62	12 AM - Mid	747	7,830	8,577
Tuesday 29	761.32	27.92	12 AM - Mid	1,270	6,780	8,050
Wednesday 30	761.48	28.09	12 AM - Mid	1,650	6,080	7,730
Thursday 31	761.47	28.08	12 AM - Mid	2,180	5,610	7,790
Friday 1	761.72	28.35	12 AM - Mid	991	6,360	7,351
Saturday 2	762.03	28.68	12 AM - Mid	1,120	6,600	7,720
CHANGE IN STORAGE DURING THE WEEK		1.97	* 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	2022	762.03	28.68	6	2017	755.34	21.80
2	2020	761.78	28.41	7	2018	751.60	18.22
3	2016	760.74	27.31	8	2013	749.25	16.06
4	2021	757.44	23.90	9	2014	748.89	15.74
5	2019	756.01	22.46	10	2015	746.83	13.92

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: April 9, 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 2	762.03	28.68	12 AM - Mid	1,120	6,600	7,720
Sunday 3	762.27	28.94	12 AM - Mid	1,330	6,210	7,540
Monday 4	762.50	29.19	12 AM - Mid	1,290	5,680	6,970
Tuesday 5	762.61	29.30	12 AM - Mid	1,950	5,310	7,260
Wednesday 6	762.69	29.39	12 AM - Mid	3,180	5,060	8,240
Thursday 7	762.70	29.40	12 AM - Mid	3,040	5,600	8,640
Friday 8	763.33	30.08	12 AM - Mid	507	22,400	22,907
Saturday 9	766.16	33.20	12 AM - Mid	404	20,600	21,004
CHANGE IN STORAGE DURING THE WEEK		4.52	* 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	2022	766.16	33.20	6	2021	758.67	25.15
2	2020	763.78	30.57	7	2018	754.67	21.15
3	2017	763.27	30.02	8	2014	753.31	19.84
4	2016	762.32	28.99	9	2013	750.94	17.61
5	2019	758.75	25.23	10	2015	749.41	16.21

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: April 16, 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 9	766.16	33.20	12 AM - Mid	404	20,600	21,004
Sunday 10	767.20	34.37	12 AM - Mid	399	15,400	15,799
Monday 11	767.85	35.11	12 AM - Mid	395	12,000	12,395
Tuesday 12	768.22	35.53	12 AM - Mid	395	10,300	10,695
Wednesday 13	768.62	35.99	12 AM - Mid	395	9,370	9,765
Thursday 14	768.94	36.36	12 AM - Mid	1,100	8,690	9,790
Friday 15	769.05	36.48	12 AM - Mid	3,390	8,390	11,780
Saturday 16	769.04	36.47	12 AM - Mid	3,050	8,280	11,330
CHANGE IN STORAGE DURING THE WEEK		3.27	* 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	2022	769.04	36.47	6	2014	762.29	28.96
2	2017	767.69	34.93	7	2021	759.77	26.29
3	2020	766.20	33.24	8	2013	757.01	23.46
4	2019	765.92	32.93	9	2018	756.12	22.57
5	2016	764.35	31.20	10	2015	755.53	21.99

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: April 23, 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 16	769.04	36.47	12 AM - Mid	3,050	8,280	11,330
Sunday 17	769.19	36.65	12 AM - Mid	3,040	7,690	10,730
Monday 18	769.14	36.59	12 AM - Mid	3,030	6,850	9,880
Tuesday 19	769.11	36.55	12 AM - Mid	2,110	6,890	9,000
Wednesday 20	769.54	37.05	12 AM - Mid	5,230	7,230	12,460
Thursday 21	769.27	36.74	12 AM - Mid	6,490	7,090	13,580
Friday 22	769.24	36.70	12 AM - Mid	5,490	7,570	13,060
Saturday 23	769.26	36.73	12 AM - Mid	4,060	8,630	12,690
CHANGE IN STORAGE DURING THE WEEK		0.25	* 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	771.71	39.59	6	2016	764.60	31.47
2	2022	769.26	36.73	7	2013	761.91	28.55
3	2017	769.02	36.45	8	2021	761.66	28.28
4	2020	766.18	33.22	9	2015	760.83	27.40
5	2014	765.77	32.77	10	2018	758.58	25.06

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: April 2, 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 26	1,647.44	3.04	12 AM - Mid	330	1,170	4,880
Sunday 27	1,647.64	3.07	12 AM - Mid	330	1,110	4,300
Monday 28	1,647.77	3.10	12 AM - Mid	332	912	3,420
Tuesday 29	1,647.89	3.12	12 AM - Mid	334	732	2,730
Wednesday 30	1,647.84	3.11	12 AM - Mid	334	594	2,320
Thursday 31	1,647.87	3.11	12 AM - Mid	335	540	2,120
Friday 1	1,647.89	3.12	12 AM - Mid	335	568	2,640
Saturday 2	1,648.08	3.15	12 AM - Mid	335	714	3,060

CHANGE IN STORAGE DURING THE WEEK	0.12	* 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	2016	1,649.67	3.45	6	2017	1,641.23	2.00
2	2022	1,648.08	3.15	7	2015	1,638.37	1.56
3	2020	1,644.58	2.54	8	2014	1,637.84	1.48
4	2021	1,644.23	2.48	9	2013	1,637.80	1.48
5	2018	1,641.66	2.06	10	2019	1,637.17	1.38

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: April 9, 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 2	1,648.08	3.15	12 AM - Mid	335	714	3,060
Sunday 3	1,648.15	3.16	12 AM - Mid	325	681	2,750
Monday 4	1,648.24	3.18	12 AM - Mid	325	608	2,390
Tuesday 5	1,648.24	3.18	12 AM - Mid	325	562	2,310
Wednesday 6	1,648.26	3.18	12 AM - Mid	407	554	2,230
Thursday 7	1,648.18	3.17	12 AM - Mid	448	745	3,770
Friday 8	1,648.87	3.29	12 AM - Mid	448	2,610	16,100
Saturday 9	1,650.64	3.64	12 AM - Mid	458	3,400	12,500

CHANGE IN STORAGE DURING THE WEEK	0.49	* 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	2022	1,650.64	3.64	6	2018	1,642.59	2.21
2	2016	1,650.15	3.54	7	2014	1,639.78	1.77
3	2020	1,646.30	2.83	8	2015	1,639.45	1.72
4	2017	1,645.07	2.62	9	2019	1,638.93	1.65
5	2021	1,644.93	2.60	10	2013	1,638.54	1.59

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: April 16, 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 9	1,650.64	3.64	12 AM - Mid	458	3,400	12,500
Sunday 10	1,651.31	3.78	12 AM - Mid	603	2,470	8,330
Monday 11	1,651.43	3.81	12 AM - Mid	639	1,730	6,150
Tuesday 12	1,651.54	3.83	12 AM - Mid	729	1,310	5,060
Wednesday 13	1,651.05	3.73	12 AM - Mid	746	1,210	4,580
Thursday 14	1,650.96	3.71	12 AM - Mid	731	1,160	4,250
Friday 15	1,651.42	3.81	12 AM - Mid	726	1,390	4,500
Saturday 16	1,651.08	3.73	12 AM - Mid	698	1,420	4,470

CHANGE IN STORAGE DURING THE WEEK	0.09	* 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	2022	1,651.08	3.73	6	2021	1,646.52	2.87
2	2016	1,649.97	3.51	7	2019	1,644.63	2.55
3	2020	1,649.17	3.35	8	2018	1,643.24	2.32
4	2017	1,647.89	3.12	9	2015	1,643.00	2.28
5	2014	1,647.77	3.10	10	2013	1,642.46	2.19

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: April 23, 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 16	1,651.08	3.73	12 AM - Mid	698	1,420	4,470
Sunday 17	1,651.20	3.76	12 AM - Mid	680	1,220	3,780
Monday 18	1,651.18	3.76	12 AM - Mid	660	1,000	3,190
Tuesday 19	1,651.06	3.73	12 AM - Mid	650	890	3,220
Wednesday 20	1,651.08	3.73	12 AM - Mid	647	838	3,230
Thursday 21	1,651.02	3.72	12 AM - Mid	645	743	3,070
Friday 22	1,650.94	3.71	12 AM - Mid	645	842	3,450
Saturday 23	1,650.98	3.71	12 AM - Mid	652	1,270	4,740
CHANGE IN STORAGE DURING THE WEEK		-0.02	* 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	2022	1,650.98	3.71	6	2017	1,649.05	3.33
2	2019	1,650.60	3.63	7	2021	1,648.12	3.16
3	2016	1,649.67	3.45	8	2015	1,647.78	3.10
4	2020	1,649.45	3.41	9	2013	1,647.40	3.03
5	2014	1,649.35	3.39	10	2018	1,644.08	2.46

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: **April 2, 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 26	1,673.03	3.20	12 AM -Mid	250	666	9,400
Sunday 27	1,673.29	3.25	12 AM -Mid	250	822	8,640
Monday 28	1,673.52	3.31	12 AM -Mid	250	680	8,080
Tuesday 29	1,673.69	3.35	12 AM -Mid	250	638	7,210
Wednesday 30	1,673.82	3.38	12 AM -Mid	250	477	6,390
Thursday 31	1,673.92	3.40	12 AM -Mid	250	398	5,580
Friday 1	1,674.07	3.43	12 AM -Mid	250	627	6,500
Saturday 2	1,674.25	3.48	12 AM -Mid	250	756	6,580
CHANGE IN STORAGE DURING THE WEEK		0.28				

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2016	1,676.00	3.91	6	2020	1,669.09	2.40
2	2022	1,674.25	3.48	7	2013	1,666.51	1.97
3	2017	1,673.03	3.20	8	2019	1,665.11	1.74
4	2018	1,672.23	3.02	9	2014	1,664.12	1.58
5	2021	1,670.55	2.66	10	2015	1,658.26	0.74

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: **April 9, 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 2	1,674.25	3.48	12 AM -Mid	250	756	6,580
Sunday 3	1,674.41	3.52	12 AM -Mid	250	652	6,570
Monday 4	1,674.52	3.54	12 AM -Mid	250	535	6,320
Tuesday 5	1,674.63	3.57	12 AM -Mid	250	493	5,850
Wednesday 6	1,674.71	3.59	12 AM -Mid	250	408	5,260
Thursday 7	1,674.82	3.61	12 AM -Mid	250	465	5,030
Friday 8	1,675.10	3.68	12 AM -Mid	250	1,040	7,130
Saturday 9	1,675.62	3.81	12 AM -Mid	250	1,210	8,950

CHANGE IN STORAGE DURING THE WEEK

0.33

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2016	1,676.81	4.11	6	2020	1,670.12	2.58
2	2022	1,675.62	3.81	7	2013	1,666.82	2.02
3	2017	1,675.19	3.71	8	2019	1,665.93	1.88
4	2018	1,673.40	3.28	9	2014	1,665.36	1.78
5	2021	1,672.11	2.99	10	2015	1,660.23	0.94

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: **April 16, 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 9	1,675.62	3.81	12 AM -Mid	250	1,210	8,950
Sunday 10	1,675.96	3.90	12 AM -Mid	250	970	12,000
Monday 11	1,676.21	3.96	12 AM -Mid	250	550	12,700
Tuesday 12	1,676.36	4.00	12 AM -Mid	250	595	10,600
Wednesday 13	1,676.56	4.05	12 AM -Mid	250	492	8,830
Thursday 14	1,676.72	4.09	12 AM -Mid	250	512	7,430
Friday 15	1,676.87	4.13	12 AM -Mid	250	575	600
Saturday 16	1,676.97	4.15	12 AM -Mid	250	598	6,240
CHANGE IN STORAGE DURING THE WEEK		0.34				

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2016	1,677.49	4.29	6	2014	1,673.06	3.20
2	2022	1,676.97	4.15	7	2020	1,671.80	2.93
3	2017	1,676.86	4.12	8	2019	1,670.54	2.66
4	2018	1,674.01	3.42	9	2013	1,670.24	2.60
5	2021	1,673.33	3.26	10	2015	1,665.89	1.87

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: **April 23, 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 16	1,676.97	4.15	12 AM -Mid	250	598	6,240
Sunday 17	1,677.17	4.21	12 AM -Mid	250	655	6,190
Monday 18	1,677.30	4.24	12 AM -Mid	250	567	6,000
Tuesday 19	1,677.42	4.27	12 AM -Mid	250	640	5,790
Wednesday 20	1,677.60	4.32	12 AM -Mid	250	933	6,450
Thursday 21	1,677.76	4.36	12 AM -Mid	250	641	6,950
Friday 22	1,677.88	4.39	12 AM -Mid	250	729	7,090
Saturday 23	1,678.12	4.45	12 AM -Mid	250	807	7,280

CHANGE IN STORAGE DURING THE WEEK

0.30

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2022	1,678.12	4.45	6	2018	1,674.73	3.59
2	2017	1,677.59	4.31	7	2019	1,674.55	3.55
3	2016	1,677.54	4.30	8	2021	1,674.28	3.48
4	2014	1,676.66	4.07	9	2020	1,672.67	3.12
5	2013	1,674.98	3.65	10	2015	1,670.11	2.57

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: [April 2, 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 26	1,704.30	0.568	94	1,781.69	0.167	52
Sunday 27	1,704.34	0.573	94	1,781.78	0.170	52
Monday 28	1,704.42	0.585	95	1,781.82	0.171	53
Tuesday 29	1,704.43	0.586	95	1,781.84	0.172	53
Wednesday 30	1,704.44	0.587	95	1,781.83	0.172	53
Thursday 31	1,704.46	0.590	95	1,781.81	0.171	53
Friday 1	1,704.50	0.595	96	1,781.86	0.172	53
Saturday 2	1,704.53	0.598	96	1,781.95	0.175	53
CHANGE IN STORAGE		0.030			0.008	

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	2021	1,704.61	0.608	1	2021	1,782.22	0.183
2	2022	1,704.53	0.598	2	2022	1,781.95	0.175
3	2020	1,704.21	0.558	3	2020	1,781.64	0.166
4	2019	1,704.03	0.533	4	2019	1,780.84	0.141
5	2018	1,703.84	0.509	5	2018	1,780.41	0.129

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: [April 9, 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 2	1,704.53	0.598	96	1,781.95	0.175	53
Sunday 3	1,704.60	0.607	96	1,781.99	0.176	53
Monday 4	1,704.60	0.607	96	1,781.99	0.176	53
Tuesday 5	1,704.62	0.610	96	1,781.99	0.176	53
Wednesday 6	1,704.64	0.613	97	1,781.95	0.175	59
Thursday 7	1,704.67	0.617	97	1,781.90	0.174	65
Friday 8	1,704.86	0.641	99	1,782.10	0.180	67
Saturday 9	1,705.08	0.669	100	1,782.56	0.194	69
CHANGE IN STORAGE		0.072			0.019	

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	2022	1,705.08	0.669	1	2022	1,782.56	0.194
2	2021	1,704.83	0.637	2	2021	1,782.53	0.193
3	2020	1,704.59	0.607	3	2020	1,782.07	0.179
4	2019	1,704.55	0.600	4	2019	1,781.80	0.171
5	2018	1,704.21	0.558	5	2018	1,781.08	0.149

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: April 16, 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 9	1,705.08	0.669	100	1,782.56	0.194	69
Sunday 10	1,705.17	0.682	101	1,782.67	0.197	69
Monday 11	1,705.23	0.690	145	1,782.70	0.198	27
Tuesday 12	1,705.20	0.686	117	1,782.78	0.201	8
Wednesday 13	1,705.24	0.691	30	1,782.91	0.205	8
Thursday 14	1,705.29	0.697	30	1,783.03	0.208	8
Friday 15	1,705.35	0.704	16	1,783.14	0.212	8
Saturday 16	1,705.38	0.710	8	1,783.24	0.215	8
CHANGE IN STORAGE		0.040			0.021	

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	2022	1,705.38	0.710	1	2021	1,783.25	0.215
2	2021	1,705.33	0.702	2	2022	1,783.24	0.215
3	2019	1,705.25	0.693	3	2019	1,782.98	0.207
4	2020	1,705.10	0.673	4	2020	1,782.79	0.201
5	2018	1,704.30	0.568	5	2018	1,781.53	0.162

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: [April 23, 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 16	1,705.40	0.712	8	1,783.24	0.215	8
Sunday 17	1,705.48	0.723	8	1,783.35	0.218	8
Monday 18	1,705.54	0.730	8	1,783.44	0.221	8
Tuesday 19	1,705.65	0.745	8	1,783.52	0.224	8
Wednesday 20	1,705.76	0.759	8	1,783.72	0.230	8
Thursday 21	1,705.86	0.772	8	1,783.82	0.233	8
Friday 22	1,705.95	0.784	8	1,783.94	0.237	8
Saturday 23	1,706.13	0.808	8	1,784.20	0.245	8
CHANGE IN STORAGE		0.095			0.030	

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	2022	1,706.13	0.808	1	2022	1,784.20	0.245
2	2021	1,705.61	0.738	2	2019	1,783.95	0.237
3	2019	1,705.54	0.729	3	2021	1,783.81	0.233
4	2020	1,705.43	0.716	4	2020	1,783.15	0.212
5	2018	1,704.62	0.610	5	2018	1,781.89	0.173

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