

REPORT OF CHIEF ENGINEER
HUDSON RIVER - BLACK RIVER REGULATING DISTRICT
BOARD MEETING
APRIL 12, 2022 – MAYFIELD, NEW YORK

HUDSON RIVER AREA - MARCH SUMMARY

Reservoir Operation

Great Sacandaga Lake

The March average daily release from the Sacandaga Reservoir (Great Sacandaga Lake) was approximately 2,200 cubic feet per second (cfs). The Upper Hudson / Sacandaga River Offer of Settlement target elevation for March 31 is 749.12 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
Feb. 28	754.65	+7.76	+5.19	0	1,660
Mar. 31	761.9 (e)	+11.2 (e)	+12.7 (e)	0	2,300 (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 March average daily release from Indian Lake was approximately 260 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	
Feb. 28	1,642.78	+2.73	+4.83	177
Mar. 31	1,648.1 (e)	+6.4 (e)	+11.0 (e)	338 (e)

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

HUDSON RIVER AREA - MARCH SUMMARY- continued

River Flow

Hudson River flow, downstream of the confluence with the Sacandaga River, was approximately 9,230 cfs on March 27 and approximately 2,450 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	2,740 (e)	1,640
Sacandaga at Stewarts Bridge	2,190 (e)	2,030
Indian at Indian Lake Dam	260 (e)	280
Hudson at Hadley (1)	6,150 (e)	3,690

Notes: (1) Above confluence with Sacandaga River
 (2) Based on USGS records
 (3) "(e)" represents estimated value
 (4) Gauge unavailable due to ice

Precipitation

Monthly total precipitation measured 105%, 87%, and 88% historic average at Indian Lake, Mayfield, and Conklingville, respectively, as of March 27

Table 4.0 - *Hudson River Basin Precipitation - as of March 27*

Station	Monthly Total (inch)	Historic Average (inch)
Indian Lake	3.23	3.09
Mayfield	3.20	3.67
Conklingville	3.23	3.68

HUDSON RIVER AREA - MARCH SUMMARY- continued

Operation Overview

Precipitation during the month of March was below normal across the Great Sacandaga Lake watershed and above normal in the Indian Lake watershed. The monthly inflow to Great Sacandaga Lake and Indian Lake reservoir was approximately 136% and 148% of historic average, respectively. Monthly release of water from Great Sacandaga Lake and Indian Lake measured 106% and 90% of historic average, respectively.

Great Sacandaga Lake Operation

Great Sacandaga Lake operation summary report for the period March 1, 2022 through March 27, 2022 is attached. This report includes projected and forecast values for dates after March 27, 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 included in the Administrator's Report.

BLACK RIVER AREA – MARCH SUMMARY

Reservoir Operations

Stillwater Reservoir

The March 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)
Feb. 28	1,667.17	+0.91	250
Mar. 31	1,674.1 (e)	+5.9 (e)	250 (e)

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

Sixth Lake Reservoir

The March average daily release from Sixth Lake Reservoir was approximately 90 cfs.

Table 2.0 - *Sixth Lake Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Feb. 28	1,780.97	-1.00	157
Mar. 31	1,781.9 (e)	-0.1 (e)	64 (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 March average daily release from Old Forge Reservoir was approximately 150 cfs.

Table 3.0 - *Old Forge Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Feb. 28	1,703.81	+0.10	230
Mar. 31	1,704.5 (e)	+0.6 (e)	96 (e)

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

BLACK RIVER AREA - MARCH SUMMARY - continued

River Flow

The average daily Black River flow, as measured at the Watertown gauge, was approximately 8,600 cfs on March 27.

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

River	Monthly Average Flow (cfs)	Historic Average Flow (1) (cfs)
Moose at McKeever	2,970 (e)	1,107
Beaver at Croghan	720 (e)	728
Black at Watertown	8,850 (e)	6,170

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 133%, 120%, 94% of historic average at Stillwater, Old Forge, and Sixth Lake, respectively, as of March 27.

Table 5.0 - *Black River Basin Precipitation - as of March 27*

Station	Monthly Total (inch)	Historic Average (inch)
Stillwater	4.40	3.32
Old Forge	4.36	3.63
Sixth Lake	3.15	3.35

BLACK RIVER AREA - MARCH SUMMARY - continued

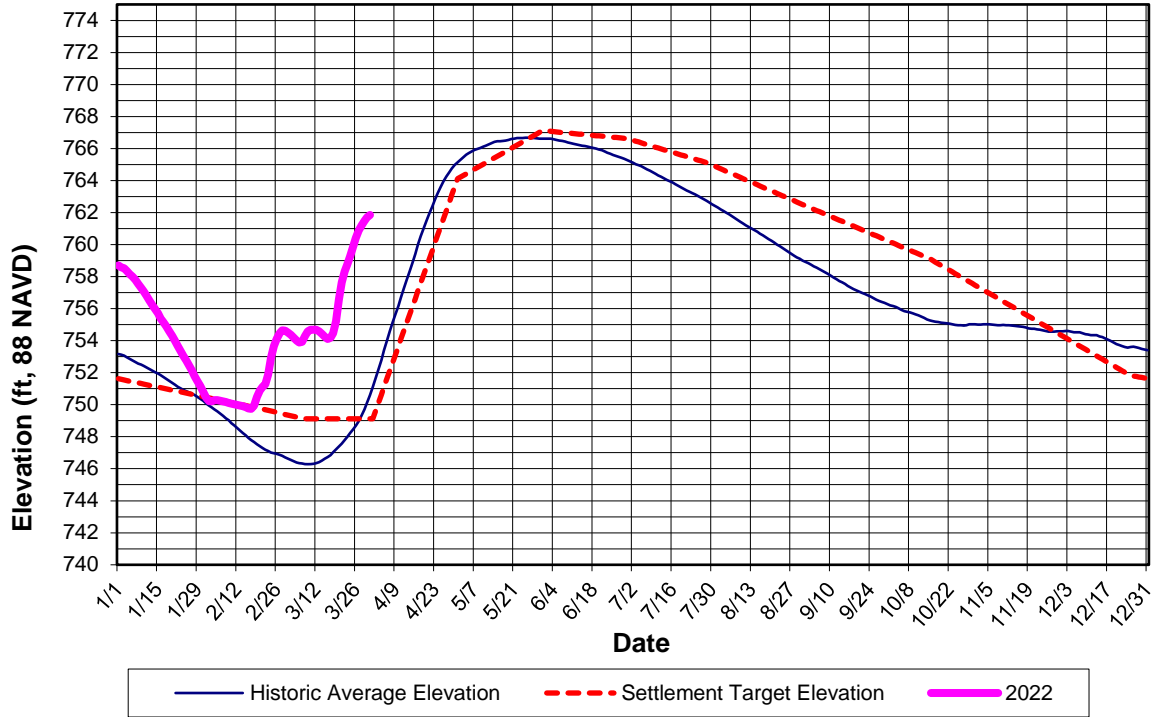
Operation Overview

Precipitation in the month of March was above average at Stillwater and Old Forge, and below average at Sixth Lake. The monthly inflow to Stillwater Reservoir was approximately 141% of historic average. The inflow to Sixth Lake and Old Forge Reservoir totaled 0.28 and 0.48 billion cubic feet, respectively, in March. Release of water from Stillwater Reservoir averaged 59% of historic discharge.

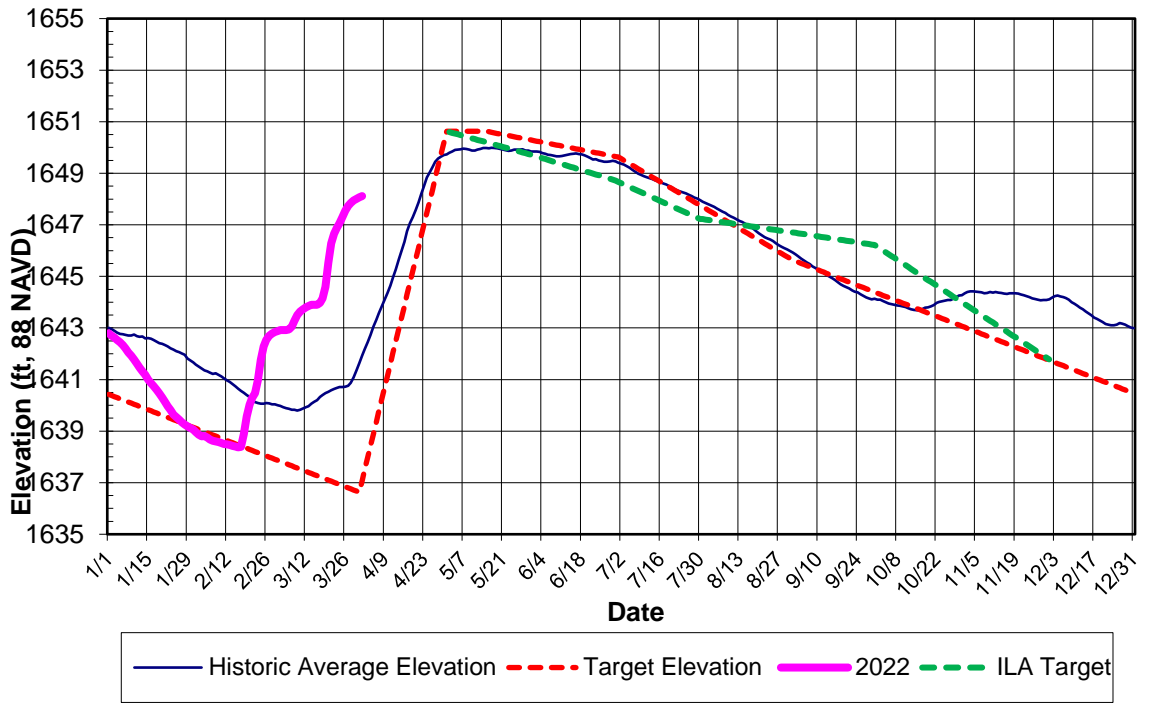
Black River Area Staff Activities

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

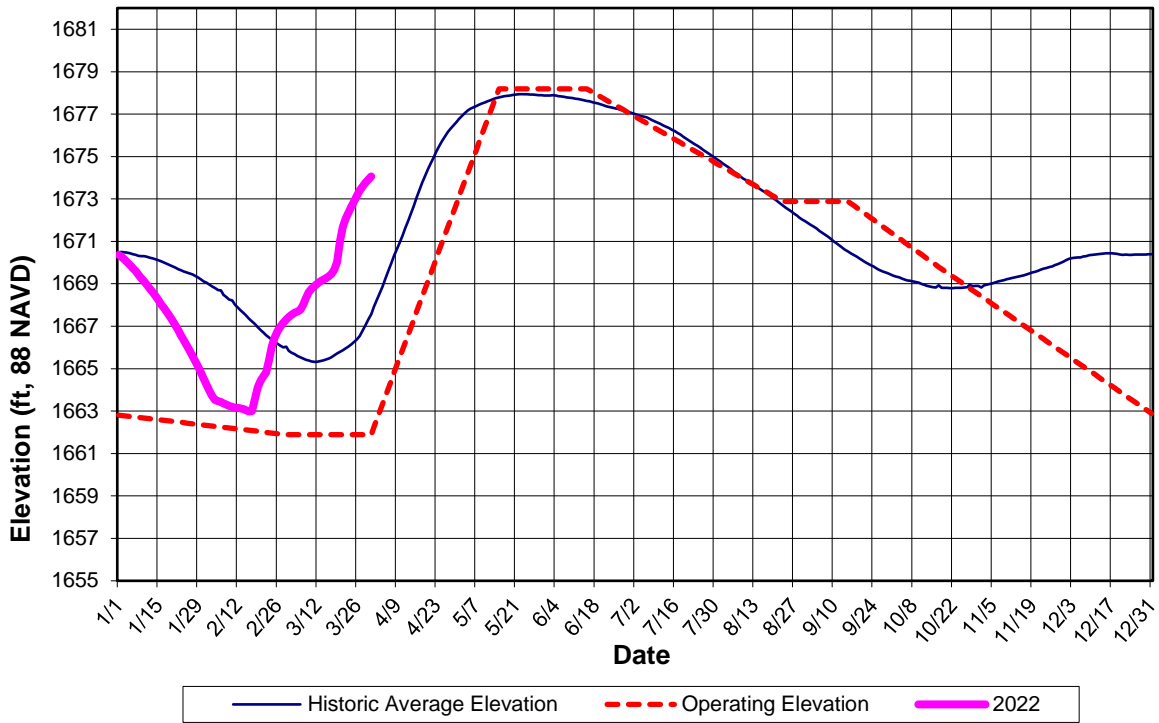
Great Sacandaga Lake 2022 Reservoir Elevation



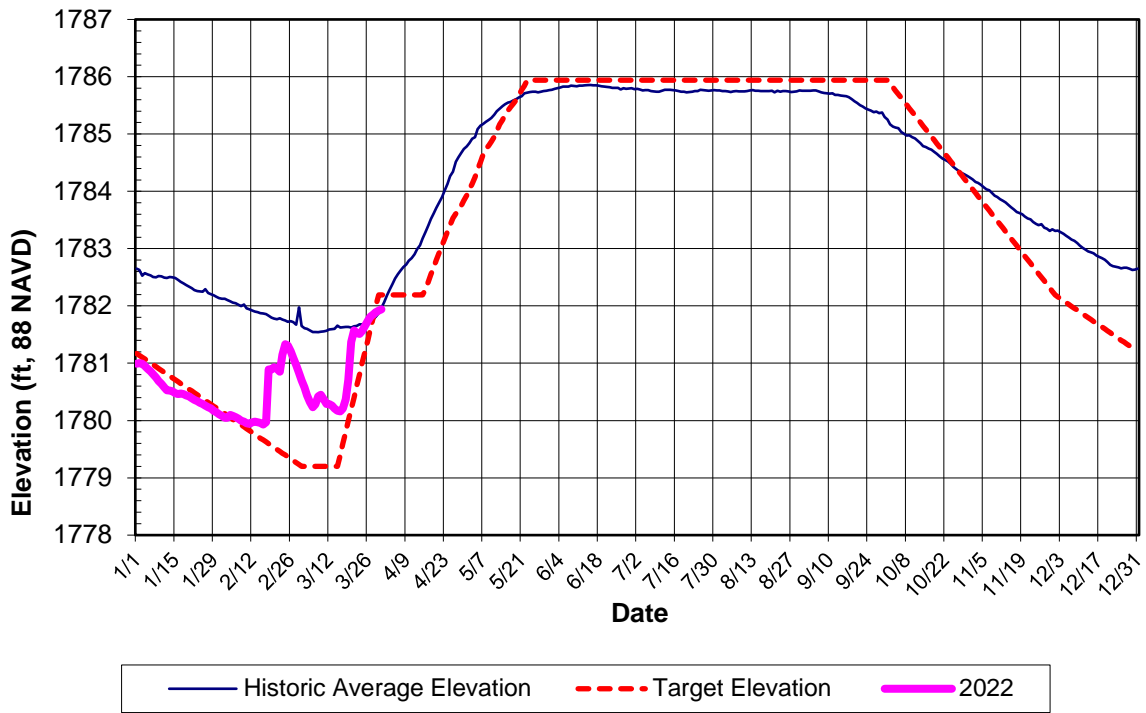
Indian Lake 2022 Reservoir Elevation



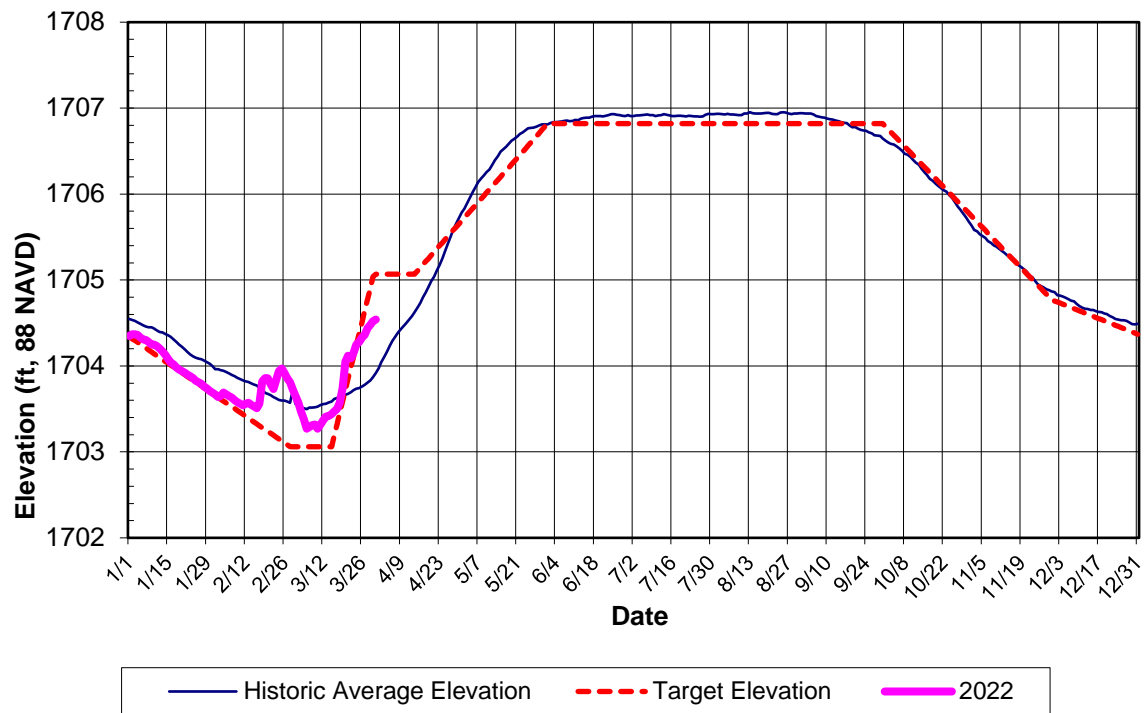
Stillwater Reservoir 2022 Reservoir Elevation



Sixth Lake 2022 Reservoir Elevation



Old Forge 2022 Reservoir Elevation



SACANDAGA RESERVOIR ELEVATION CALCULATOR

Datum: **1988 NAVD**

Settlement Parameters	
Date	3/28/2022
Target Elevation	749.12
Actual "Level"	3.22
"Level 2.5 threshold"	
"Level 1.2 threshold"	740.42
Hudson River Target	Elevation Level
Maximum Flow (cfs)	8000 7940
Minimum Flow (cfs)	n/a 2440
Min. Rec/Rafting Hours (hrs)	#VALUE!

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	3/28/2022
Day of Year	5566
Starting Elevation (ft)	760.58
Average Elevation	760.74
Flow Below Hadley (cfs)	8400
Todays Release	800
Tomorrows Release	1200

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

Dan McCarty 744-2067 Eric Johnson 863-8791
 Piezometers 518-696-5807
 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)					
3/1/2022	754.68	2400	3570	0	0	3570	4000	3.23	4080	7650	2460	8000	7960	754.57	3/2/2022	754.63	749.38	746.78
3/2/2022	754.57	2000	3630	0	0	3630	4000	3.22	3580	7210	2440	8000	7940	754.42	3/3/2022	754.50	749.34	746.70
3/3/2022	754.42	2300	3950	0	0	3950	4000	3.22	3430	7380	2420	8000	7920	754.27	3/4/2022	754.35	749.31	746.62
3/4/2022	754.27	1500	3370	0	0	3370	4000	3.21	3410	6780	2400	8000	7900	754.10	3/5/2022	754.19	749.27	746.54
3/5/2022	754.10	1400	2980	0	0	2980	4000	3.20	2950	5930	2400	6000	7900	753.95	3/6/2022	754.03	749.23	746.47
3/6/2022	753.95	3000	3490	0	0	3490	4000	3.19	2670	6160	2380	6000	7880	753.90	3/7/2022	753.93	749.19	746.43
3/7/2022	753.90	5000	2040	0	0	2040	4000	3.21	3470	5510	2420	6000	7920	754.16	3/8/2022	754.03	749.16	746.40
3/8/2022	754.16	6000	2400	0	0	2400	4000	3.22	5010	7410	2440	8000	7940	754.48	3/9/2022	754.32	749.12	746.37
3/9/2022	754.48	5100	2910	0	0	2910	4000	3.23	5200	8110	2440	8000	7940	754.67	3/10/2022	754.58	749.12	746.36
3/10/2022	754.67	3800	3480	0	0	3480	4000	3.24	4940	8420	2460	8000	7960	754.69	3/11/2022	754.68	749.12	746.38
3/11/2022	754.69	3300	3480	0	0	3480	4000	3.24	4590	8070	2480	8000	7980	754.67	3/12/2022	754.68	749.12	746.39
3/12/2022	754.67	3800	3540	0	0	3540	4000	3.25	4210	7750	2500	8000	8000	754.69	3/13/2022	754.68	749.12	746.43
3/13/2022	754.69	1500	4010	0	0	4010	4000	3.24	3570	7580	2480	8000	7980	754.46	3/14/2022	754.58	749.12	746.49
3/14/2022	754.46	2200	833	2813	0	3646	4000	3.24	3500	7146	2460	8000	7960	754.33	3/15/2022	754.40	749.12	746.61
3/15/2022	754.33	2700	0	4400	0	4400	4000	3.22	3540	7940	2440	8000	7940	754.17	3/16/2022	754.25	749.12	746.73
3/16/2022	754.17	2900	0	3483	0	3483	4000	3.22	3840	7323	2440	8000	7940	754.11	3/17/2022	754.14	749.12	746.83
3/17/2022	754.11	4500	0	2200	0	2200	4000	3.22	4630	6830	2440	8000	7940	754.31	3/18/2022	754.21	749.12	746.96
3/18/2022	754.31	6900	833	1283	0	2117	4000	3.24	5960	8077	2480	8000	7980	754.73	3/19/2022	754.52	749.12	747.14
3/19/2022	754.73	13400	407	0	0	407	4000	3.27	8020	8427	2540	8000	8040	755.87	3/20/2022	755.30	749.12	747.31
3/20/2022	755.87	16400	407	0	0	407	4000	3.30	13400	13807	2580	8000	8080	757.25	3/21/2022	756.56	749.12	747.49
3/21/2022	757.25	9200	404	0	0	404	4000	3.32	13700	14104	2640	8000	8140	758.00	3/22/2022	757.63	749.12	747.67
3/22/2022	758.00	7900	401	0	0	401	4000	3.35	11600	12001	2680	8000	8180	758.63	3/23/2022	758.32	749.12	747.90
3/23/2022	758.63	5000	400	0	0	400	4000	3.37	9530	9930	2740	8000	8240	759.01	3/24/2022	758.82	749.12	748.14
3/24/2022	759.01	5400	404	0	0	404	4000	3.40	8450	8854	2800	8000	8300	759.42	3/25/2022	759.22	749.12	748.34
3/25/2022	759.42	5000	404	0	0	404	4000	3.42	9080	9484	2820	8000	8320	759.80	3/26/2022	759.61	749.12	748.56
3/26/2022	759.80	5200	401	0	0	401	4000	3.43	9460	9861	2860	8000	8360	760.19	3/27/2022	760.00	749.12	748.79
3/27/2022	760.19	5200	400	0	0	400	4000	3.45	8830	9230	2880	8000	8380	760.58	3/28/2022	760.39	749.12	749.07
3/28/2022	760.58	4800	800	0	0	800	4000	3.47	7600	8400	2920	8000	8420	760.90	3/29/2022	760.74	749.12	749.43
3/29/2022	760.90	4400	1200	0	0	1200	4000	3.48	6800	8000	2960	8000	8460	761.16	3/30/2022	761.03	749.12	749.81
3/30/2022	761.16	4000	1600	0	0	1600	4000	3.50	6200	7800	2980	8000	8480	761.35	3/31/2022	761.26	749.12	750.23
3/31/2022	761.35	3600	2300	0	0	2300	4000	3.51	5500	7800	3020	8000	8900	761.45	4/1/2022	761.40	749.12	750.70
4/1/2022	761.45	3200	2000	0	0	2000	4000	3.53	5800	7800	3060	8000	9700	761.54	4/2/2022		749.62	751.21
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: _____

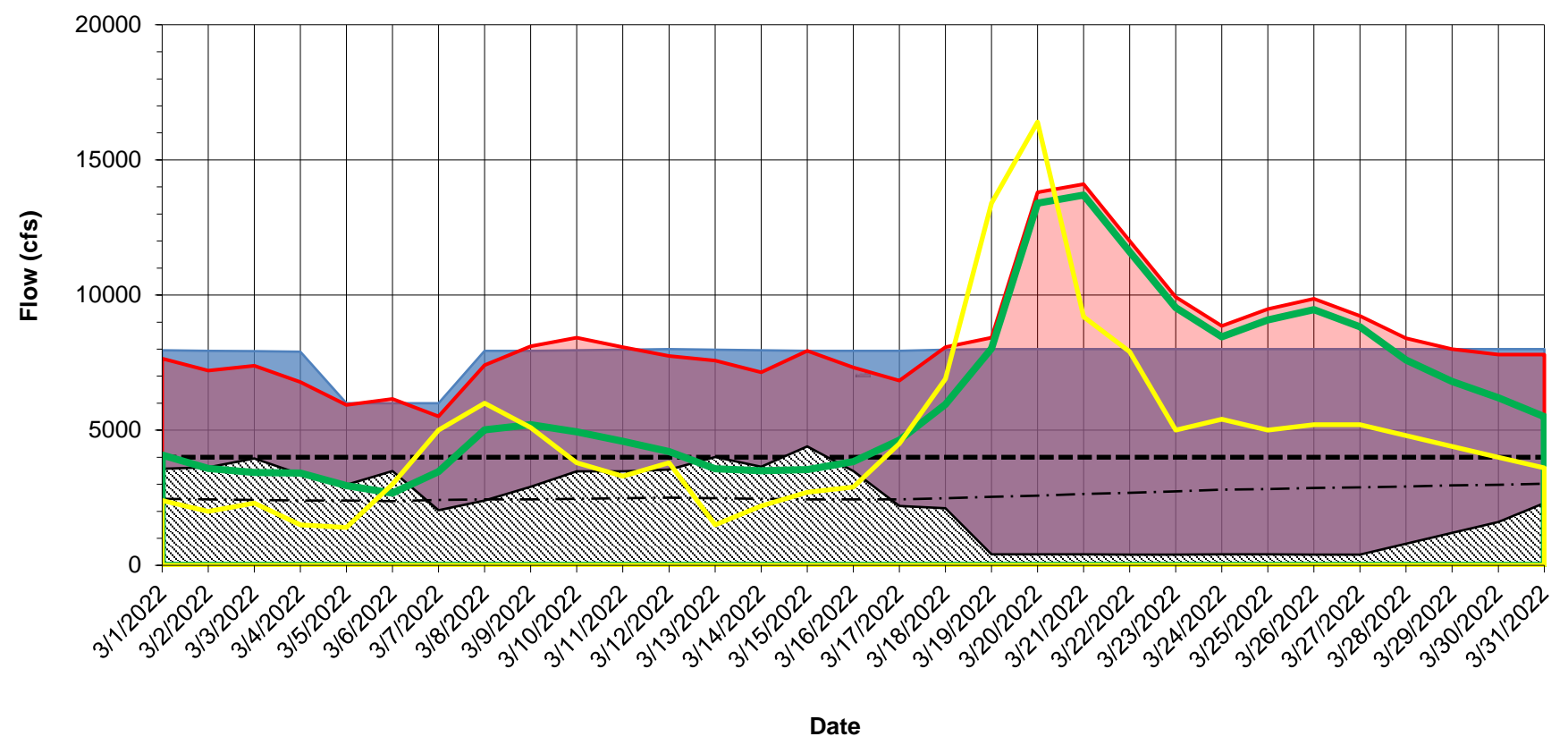
Date: _____

**GREAT SACANDAGA LAKE
RESERVOIR OPERATION SUMMARY**

Print Date: 3/28/2022
 Period of Record: 3/1/2022 to 3/29/2022

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
3/1/2022	754.63	2400	3570	4000	3.23	4080	7650	2460	7960	4000
3/2/2022	754.50	2000	3630	4000	3.22	3580	7210	2440	7940	4000
3/3/2022	754.35	2300	3950	4000	3.22	3430	7380	2420	7920	4000
3/4/2022	754.19	1500	3370	4000	3.21	3410	6780	2400	7900	4000
3/5/2022	754.03	1400	2980	4000	3.20	2950	5930	2400	6000	4000
3/6/2022	753.93	3000	3490	4000	3.19	2670	6160	2380	6000	4000
3/7/2022	754.03	5000	2040	4000	3.21	3470	5510	2420	6000	4000
3/8/2022	754.32	6000	2400	4000	3.22	5010	7410	2440	7940	4000
3/9/2022	754.58	5100	2910	4000	3.23	5200	8110	2440	7940	4000
3/10/2022	754.68	3800	3480	4000	3.24	4940	8420	2460	7960	4000
3/11/2022	754.68	3300	3480	4000	3.24	4590	8070	2480	7980	4000
3/12/2022	754.68	3800	3540	4000	3.25	4210	7750	2500	8000	4000
3/13/2022	754.58	1500	4010	4000	3.24	3570	7580	2480	7980	4000
3/14/2022	754.40	2200	3646	4000	3.24	3500	7146	2460	7960	4000
3/15/2022	754.25	2700	4400	4000	3.22	3540	7940	2440	7940	4000
3/16/2022	754.14	2900	3483	4000	3.22	3840	7323	2440	7940	4000
3/17/2022	754.21	4500	2200	4000	3.22	4630	6830	2440	7940	4000
3/18/2022	754.52	6900	2117	4000	3.24	5960	8077	2480	7980	4000
3/19/2022	755.30	13400	407	4000	3.27	8020	8427	2540	8000	4000
3/20/2022	756.56	16400	407	4000	3.30	13400	13807	2580	8000	4000
3/21/2022	757.63	9200	404	4000	3.32	13700	14104	2640	8000	4000
3/22/2022	758.32	7900	401	4000	3.35	11600	12001	2680	8000	4000
3/23/2022	758.82	5000	400	4000	3.37	9530	9930	2740	8000	4000
3/24/2022	759.22	5400	404	4000	3.40	8450	8854	2800	8000	4000
3/25/2022	759.61	5000	404	4000	3.42	9080	9484	2820	8000	4000
3/26/2022	760.00	5200	401	4000	3.43	9460	9861	2860	8000	4000
3/27/2022	760.39	5200	400	4000	3.45	8830	9230	2880	8000	4000
3/28/2022	760.74	4800	800	4000	3.47	7600	8400	2920	8000	4000
3/29/2022	761.03	4400	1200	4000	3.48	6800	8000	2960	8000	4000
3/30/2022	761.26	4000	1600	4000	3.50	6200	7800	2980	8000	4000
3/31/2022	761.40	3600	2300	4000	3.51	5500	7800	3020	8000	4000

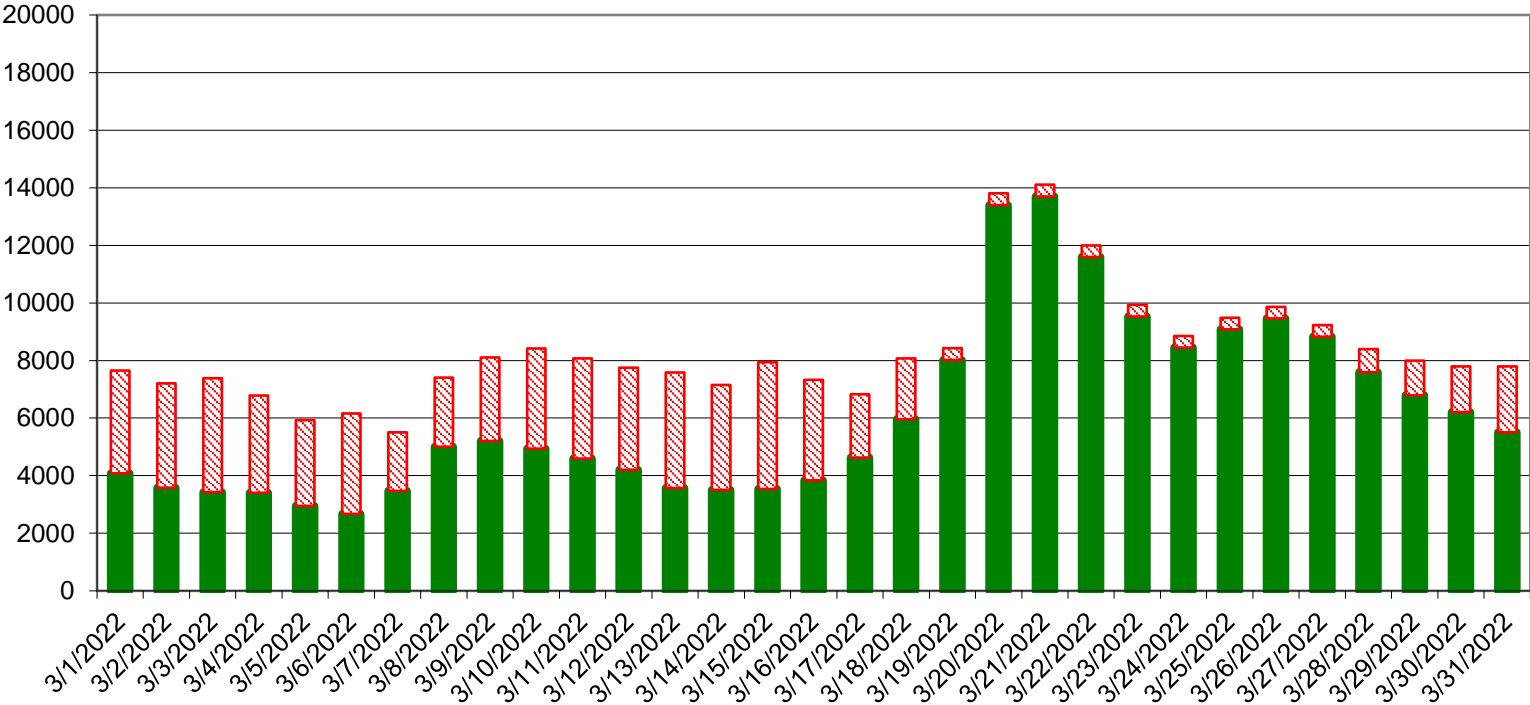
Great Sacandaga Lake Actual and Maximum Allowable Hudson River Flow Below Confluence



- 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: February 2022

Day	Sacandaga Reservoir Elevation Average Daily	Sacandaga Reservoir Elevation Midnight	Sacandaga River Near Hope cfs	Reservoir Inflow Hope x 2.0710 cfs	Sacandaga River at Stewarts Bridge cfs	Hudson River at Hadley cfs	Regulated Hudson River below confluence cfs
1	750.44	750.61	500	1036	4050	1270	5320
2	750.22	750.29	520	1077	1430	1200	2630
3	750.21	750.20	888	1838	1070	1260	2330
4	750.29	750.24	1880	3893	1100	1280	2380
5	750.29	750.32	1950	4038	1090	1110	2200
6	750.25	750.28	1980	4101	1070	1290	2360
7	750.21	750.22	1990	4121	1100	1260	2360
8	750.17	750.18	1960	4059	1250	1290	2540
9	750.11	750.17	1970	4080	1180	1330	2510
10	750.07	750.05	2020	4183	1150	1270	2420
11	750.02	750.04	1920	3976	1130	1290	2420
12	749.99	750.01	1950	4038	1120	1260	2380
13	749.94	749.97	1900	3935	1140	1250	2390
14	749.91	749.93	1890	3914	1190	1230	2420
15	749.85	749.89	1500	3107	1200	1210	2410
16	749.77	749.81	1400	2899	1190	1080	2270
17	749.74	749.76	2030	4204	1290	1140	2430
18	749.94	749.76	2360	4888	1270	1970	3240
19	750.49	750.21	2130	4411	390	4170	4560
20	750.89	750.71	1880	3893	629	4790	5419
21	751.12	751.07	1840	3811	1580	4870	6450
22	751.27	751.18	1930	3997	2090	4300	6390
23	751.88	751.42	7460	15450	824	5790	6614
24	752.94	752.44	5630	11660	587	7290	7877
25	753.66	753.33	4080	8450	400	6900	7300
26	754.13	753.93	3010	6234	397	6000	6397
27	754.47	754.30	2440	5053	721	5280	6001
28	754.65	754.62	1910	3956	1660	4490	6150

AVERAGE 2250 4650 1190 2750 3930

CHANGE IN STORAGE DURING THE MONTH 3.85 B.C.F.

CHIEF ENGINEER

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

Monthly Report for: February, 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	1638.96	1639.01	-1	225	113	780
2	1638.86	1638.88	121	225	111	770
3	1638.80	1638.82	208	225	113	760
4	1638.81	1638.81	190	225	128	750
5	1638.75	1638.79	69	225	131	700
6	1638.68	1638.70	138	225	131	690
7	1638.63	1638.65	117	186	130	680
8	1638.60	1638.62	130	165	127	670
9	1638.57	1638.59	113	165	124	660
10	1638.54	1638.56	95	164	122	650
11	1638.50	1638.52	111	163	119	640
12	1638.49	1638.49	128	163	123	630
13	1638.46	1638.47	111	163	127	630
14	1638.42	1638.44	128	163	127	630
15	1638.40	1638.42	94	163	124	625
16	1638.37	1638.38	128	163	120	620
17	1638.39	1638.37	484	154	127	630
18	1638.88	1638.55	1355	174	249	1770
19	1639.57	1639.23	1211	169	879	7180
20	1640.03	1639.83	794	169	1130	14600
21	1640.29	1640.19	464	169	930	9660
22	1640.47	1640.37	639	170	721	4980
23	1640.98	1640.63	1625	180	710	4020
24	1641.76	1641.41	1398	176	1180	5820
25	1642.28	1642.07	862	177	1260	5030
26	1642.54	1642.44	529	177	993	3640
27	1642.69	1642.63	418	177	754	2580
28	1642.78	1642.76	251	177	589	1990

AVERAGE 425 181 410 2599

CHANGE IN STORAGE DURING THE MONTH 0.590 B.C.F

 CHIEF ENGINEER

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

Monthly Report for: February 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	1664.24	1664.39	45	600	375	691	2450
2	1663.95	1664.10	45	600	369	669	2100
3	1663.69	1663.81	198	600	350	792	2030
4	1663.52	1663.60	185	396	344	825	2530
5	1663.47	1663.49	173	250	330	516	2520
6	1663.42	1663.45	135	250	324	315	2350
7	1663.36	1663.39	135	250	311	342	2050
8	1663.31	1663.33	154	250	311	366	1900
9	1663.25	1663.28	135	250	339	335	1910
10	1663.20	1663.22	173	250	316	304	1890
11	1663.15	1663.18	154	250	290	378	1890
12	1663.15	1663.13	269	250	302	366	2190
13	1663.13	1663.14	212	250	334	355	2470
14	1663.09	1663.12	154	250	320	363	2920
15	1663.04	1663.07	135	250	320	370	3150
16	1662.98	1663.01	135	250	331	371	2730
17	1663.00	1662.95	728	250	580	374	2670
18	1663.56	1663.20	1570	250	2110	694	5250
19	1664.12	1663.89	1054	250	3560	768	7280
20	1664.44	1664.31	709	250	2570	791	8320
21	1664.65	1664.55	594	250	1560	791	10400
22	1664.82	1664.73	786	250	1240	771	11300
23	1665.38	1665.01	1723	250	2950	727	13300
24	1666.05	1665.78	1226	250	3450	865	15400
25	1666.48	1666.29	939	250	2330	865	17000
26	1666.77	1666.65	709	250	1390	865	15800
27	1666.99	1666.89	652	250	1180	865	12600
28	1667.17	1667.10	537	250	951	700	9930

AVERAGE 488 293 1040 590 5940

CHANGE IN STORAGE DURING THE MONTH 0.47 B.C.F.

 CHIEF ENGINEER

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

Monthly Report for: February, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1780.08	1780.09	14	0.33	0.33	24
2	1780.05	1780.06	14	0.33	0.33	24
3	1780.05	1780.03	45	0.33	0.33	24
4	1780.10	1780.09	24	0.33	0.33	24
5	1780.08	1780.09	17	0.33	0.33	24
6	1780.06	1780.07	13	0.33	0.33	23
7	1780.03	1780.04	13	0.33	0.33	23
8	1780.00	1780.01	16	0.33	0.33	23
9	1779.98	1779.99	13	0.33	0.33	23
10	1779.95	1779.96	20	0.33	0.33	23
11	1779.94	1779.95	16	0.33	0.33	23
12	1779.97	1779.93	40	0.33	0.33	23
13	1779.98	1779.98	23	0.33	0.33	23
14	1779.97	1779.98	16	0.33	0.33	23
15	1779.96	1779.96	16	0.33	0.33	23
16	1779.93	1779.94	-21	0.33	0.33	23
17	1779.97	1779.81	132	0.33	0.33	23
18	1780.89	1780.13	292	1.17	1.17	52
19	1780.89	1780.82	119	1.17	1.17	77
20	1780.93	1780.94	70	1.17	1.17	77
21	1780.90	1780.92	60	1.17	1.17	77
22	1780.85	1780.87	83	1.17	1.17	76
23	1781.15	1780.89	293	3.00	3.00	144
24	1781.33	1781.32	164	3.00	3.00	164
25	1781.31	1781.32	146	3.00	3.00	163
26	1781.21	1781.27	120	3.00	3.00	162
27	1781.09	1781.15	122	3.00	3.00	160
28	1780.97	1781.04	105	3.00	3.00	157

AVERAGE 71 61

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

CHIEF ENGINEER

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

Monthly Report for: February, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1703.67	1703.68	35	0.83	0.83	78
2	1703.64	1703.65	20	0.83	0.83	78
3	1703.65	1703.62	179	0.83	0.83	78
4	1703.69	1703.68	93	0.83	0.83	79
5	1703.67	1703.69	35	0.83	0.83	78
6	1703.65	1703.66	49	0.83	0.83	78
7	1703.63	1703.64	35	0.83	0.83	78
8	1703.60	1703.62	35	0.83	0.83	78
9	1703.58	1703.59	49	0.83	0.83	78
10	1703.56	1703.57	48	0.83	0.83	77
11	1703.54	1703.55	34	0.83	0.83	77
12	1703.56	1703.52	164	0.83	0.83	77
13	1703.57	1703.58	48	0.83	0.83	77
14	1703.55	1703.56	48	0.83	0.83	77
15	1703.53	1703.54	48	0.83	0.83	77
16	1703.51	1703.52	63	0.83	0.83	77
17	1703.56	1703.50	395	0.83	0.83	77
18	1703.82	1703.72	361	4.00	4.00	173
19	1703.86	1703.86	272	4.00	4.00	229
20	1703.86	1703.88	127	4.00	4.00	228
21	1703.79	1703.82	138	4.00	4.00	225
22	1703.73	1703.75	224	4.00	4.00	224
23	1703.83	1703.75	473	4.00	4.00	227
24	1703.94	1703.92	274	4.00	4.00	231
25	1703.97	1703.95	261	4.00	4.00	232
26	1703.92	1703.97	117	4.00	4.00	233
27	1703.86	1703.89	174	4.00	4.00	232
28	1703.81	1703.86	273	4.00	4.00	230

AVERAGE 145 135

CHANGE IN STORAGE DURING THE MONTH 0.025 B.C.F

 CHIEF ENGINEER

STATE OF NEW YORK
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SACANDAGA RESERVOIR OPERATION
FOR WEEK ENDING: March 5, 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	753.93	20.43	12 AM - Mid	397	6,000	6,397
Sunday 27	754.30	20.79	12 AM - Mid	721	5,280	6,001
Monday 28	754.62	21.10	12 AM - Mid	1,660	4,490	6,150
Tuesday 1	754.68	21.16	12 AM - Mid	3,570	4,080	7,650
Wednesday 2	754.56	21.03	12 AM - Mid	3,630	3,580	7,210
Thursday 3	754.45	20.93	12 AM - Mid	3,950	3,403	7,353
Friday 4	754.27	20.76	12 AM - Mid	3,370	3,410	6,780
Saturday 5	754.09	20.58	12 AM - Mid	2,980	2,950	5,930
CHANGE IN STORAGE DURING THE WEEK		0.15	* 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	759.04	25.53	6	2020	753.50	20.02
2	2017	756.97	23.42	7	2021	749.57	16.35
3	2018	754.80	21.27	8	2013	748.17	15.10
4	2016	754.24	20.73	9	2015	748.08	15.02
5	2022	754.09	20.58	10	2014	747.95	14.90

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: March 12, 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 5	754.09	20.58	12 AM - Mid	2,980	2,950	5,930
Sunday 6	753.95	20.45	12 AM - Mid	3,490	2,670	6,160
Monday 7	753.90	20.40	12 AM - Mid	2,040	3,470	5,510
Tuesday 8	754.13	20.62	12 AM - Mid	2,400	5,010	7,410
Wednesday 9	754.47	20.95	12 AM - Mid	2,910	5,200	8,110
Thursday 10	754.70	21.18	12 AM - Mid	3,480	4,940	8,420
Friday 11	754.70	21.18	12 AM - Mid	3,480	4,590	8,070
Saturday 12	754.68	21.16	12 AM - Mid	3,540	4,210	7,750
CHANGE IN STORAGE DURING THE WEEK		0.57	* 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	2017	758.32	24.79	6	2018	753.95	20.45
2	2019	757.25	23.71	7	2021	749.46	16.25
3	2016	755.09	21.55	8	2013	748.19	15.12
4	2022	754.68	21.16	9	2014	747.82	14.79
5	2020	754.37	20.86	10	2015	747.50	14.51

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: March 19, 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 12	754.68	21.16	12 AM - Mid	3,540	4,210	7,750
Sunday 13	754.68	21.16	12 AM - Mid	4,010	3,530	7,540
Monday 14	754.44	20.92	12 AM - Mid	3,640	3,530	7,170
Tuesday 15	754.31	20.79	12 AM - Mid	4,670	3,540	8,210
Wednesday 16	754.14	20.63	12 AM - Mid	3,470	3,840	7,310
Thursday 17	754.10	20.59	12 AM - Mid	2,240	4,630	6,870
Friday 18	754.31	20.79	12 AM - Mid	1,420	5,960	7,380
Saturday 19	754.73	21.21	12 AM - Mid	407	8,020	8,427
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	2016	757.81	24.27	6	2018	752.57	19.13
2	2020	757.10	23.55	7	2013	750.94	17.61
3	2017	757.06	23.51	8	2021	750.20	16.93
4	2019	756.17	22.62	9	2014	747.62	14.61
5	2022	754.73	21.21	10	2015	747.14	14.19

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: March 26, 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 19	754.73	21.21	12 AM - Mid	407	8,020	8,427
Sunday 20	755.87	22.33	12 AM - Mid	407	13,400	13,807
Monday 21	757.25	23.71	12 AM - Mid	404	13,700	14,104
Tuesday 22	757.99	24.45	12 AM - Mid	401	11,600	12,001
Wednesday 23	758.60	25.08	12 AM - Mid	400	9,530	9,930
Thursday 24	759.02	25.51	12 AM - Mid	404	8,450	8,854
Friday 25	759.53	26.04	12 AM - Mid	404	9,080	9,484
Saturday 26	760.17	26.71	12 AM - Mid	401	9,460	9,861
CHANGE IN STORAGE DURING THE WEEK		5.50	* 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	760.17	26.71	6	2021	752.12	18.70
2	2020	759.12	25.61	7	2018	750.69	17.38
3	2016	758.98	25.47	8	2013	750.04	16.78
4	2017	755.44	21.90	9	2014	747.53	14.53
5	2019	755.23	21.69	10	2015	746.78	13.88

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: March 5, 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	1,642.44	2.19	12 AM - Mid	175	993	3,640
Sunday 27	1,642.63	2.22	12 AM - Mid	175	754	2,580
Monday 28	1,642.76	2.24	12 AM - Mid	175	859	1,990
Tuesday 1	1,642.80	2.25	12 AM - Mid	175	472	1,680
Wednesday 2	1,642.85	2.25	12 AM - Mid	175	404	1,520
Thursday 3	1,642.91	2.26	12 AM - Mid	175	356	1,380
Friday 4	1,642.91	2.26	12 AM - Mid	175	318	1,130
Saturday 5	1,642.94	2.27	12 AM - Mid	175	281	1,100

CHANGE IN STORAGE DURING THE WEEK	0.08	* 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	2017	1,645.93	2.77	6	2015	1,638.69	1.61
2	2018	1,643.92	2.43	7	2020	1,637.88	1.49
3	2016	1,643.47	2.35	8	2014	1,637.87	1.49
4	2022	1,642.94	2.27	9	2021	1,637.70	1.46
5	2019	1,638.94	1.65	10	2013	1,637.59	1.44

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: March 12, 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 5	1,642.94	2.27	12 AM - Mid	175	281	1,100
Sunday 6	1,642.93	2.27	12 AM - Mid	174	267	1,100
Monday 7	1,642.92	2.27	12 AM - Mid	176	328	1,630
Tuesday 8	1,643.19	2.31	12 AM - Mid	178	545	2,360
Wednesday 9	1,643.39	2.34	12 AM - Mid	180	712	2,610
Thursday 10	1,643.58	2.37	12 AM - Mid	180	675	2,350
Friday 11	1,643.68	2.39	12 AM - Mid	180	575	2,010
Saturday 12	1,643.75	2.40	12 AM - Mid	181	503	1,810

CHANGE IN STORAGE DURING THE WEEK	0.13	* 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	1,645.19	2.65	6	2015	1,638.59	1.59
2	2017	1,645.11	2.63	7	2019	1,637.81	1.48
3	2022	1,643.75	2.40	8	2014	1,637.60	1.45
4	2018	1,643.33	2.33	9	2013	1,637.26	1.39
5	2020	1,638.69	1.61	10	2021	1,637.02	1.36

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: March 19, 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 12	1,643.75	2.40	12 AM - Mid	181	503	1,810
Sunday 13	1,643.84	2.42	12 AM - Mid	182	433	1,620
Monday 14	1,643.88	2.42	12 AM - Mid	182	389	1,500
Tuesday 15	1,643.95	2.43	12 AM - Mid	263	355	1,420
Wednesday 16	1,643.91	2.43	12 AM - Mid	304	339	1,520
Thursday 17	1,643.90	2.43	12 AM - Mid	306	359	1,910
Friday 18	1,644.03	2.45	12 AM - Mid	308	511	2,920
Saturday 19	1,644.29	2.49	12 AM - Mid	312	935	5,270

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	2016	1,647.64	3.07	6	2013	1,638.74	1.62
2	2022	1,644.29	2.49	7	2015	1,638.55	1.59
3	2017	1,643.71	2.39	8	2014	1,637.53	1.44
4	2018	1,642.53	2.20	9	2019	1,637.32	1.40
5	2020	1,640.88	1.94	10	2021	1,637.12	1.37

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: March 26, 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 19	1,644.29	2.49	12 AM - Mid	312	935	5,270
Sunday 20	1,645.01	2.61	12 AM - Mid	318	1,970	9,310
Monday 21	1,645.98	2.78	12 AM - Mid	319	2,590	8,720
Tuesday 22	1,646.48	2.86	12 AM - Mid	322	2,050	6,720
Wednesday 23	1,646.77	2.92	12 AM - Mid	323	1,440	4,810
Thursday 24	1,646.92	2.94	12 AM - Mid	328	1,120	3,860
Friday 25	1,647.16	2.99	12 AM - Mid	330	1,060	4,480
Saturday 26	1,647.44	3.04	12 AM - Mid	330	1,170	4,880

CHANGE IN STORAGE DURING THE WEEK	0.54	* 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	1,648.29	3.19	6	2021	1,639.02	1.66
2	2022	1,647.44	3.04	7	2015	1,638.43	1.57
3	2020	1,642.48	2.20	8	2013	1,637.94	1.50
4	2017	1,642.18	2.15	9	2014	1,637.40	1.41
5	2018	1,641.58	2.05	10	2019	1,636.63	1.30

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: **March 5, 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	1,666.65	2.00	12 AM -Mid	250	865	15,800
Sunday 27	1,666.89	2.04	12 AM -Mid	250	750	12,600
Monday 28	1,667.10	2.07	12 AM -Mid	250	700	9,930
Tuesday 1	1,667.25	2.10	12 AM -Mid	250	600	8,140
Wednesday 2	1,667.38	2.12	12 AM -Mid	250	404	6,830
Thursday 3	1,667.50	2.14	12 AM -Mid	250	407	5,930
Friday 4	1,667.60	2.15	12 AM -Mid	250	502	5,150
Saturday 5	1,667.66	2.16	12 AM -Mid	250	418	4,620
CHANGE IN STORAGE DURING THE WEEK		0.17				

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2018	1,674.99	3.66	6	2022	1,667.66	2.16
2	2017	1,673.60	3.33	7	2013	1,667.46	2.13
3	2016	1,671.04	2.76	8	2020	1,663.44	1.47
4	2014	1,669.55	2.47	9	2021	1,662.64	1.33
5	2019	1,668.23	2.26	10	2015	1,660.75	1.02

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: [March 12, 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 5	1,667.66	2.16	12 AM -Mid	250	418	4,430
Sunday 6	1,667.71	2.17	12 AM -Mid	250	381	4,220
Monday 7	1,667.87	2.20	12 AM -Mid	250	558	6,510
Tuesday 8	1,668.16	2.25	12 AM -Mid	250	944	7,630
Wednesday 9	1,668.49	2.30	12 AM -Mid	250	681	7,940
Thursday 10	1,668.70	2.34	12 AM -Mid	250	578	7,930
Friday 11	1,668.83	2.36	12 AM -Mid	250	448	7,720
Saturday 12	1,668.93	2.37	12 AM -Mid	250	477	7,180

CHANGE IN STORAGE DURING THE WEEK	0.21
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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	1,674.44	3.52	6	2019	1,666.83	2.02
2	2017	1,674.29	3.49	7	2013	1,665.94	1.88
3	2016	1,672.81	3.15	8	2020	1,663.43	1.46
4	2022	1,668.93	2.37	9	2021	1,661.57	1.16
5	2014	1,668.11	2.24	10	2015	1,659.78	0.87

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: **March 19, 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 12	1,668.93	2.37	12 AM -Mid	250	477	7,180
Sunday 13	1,669.07	2.39	12 AM -Mid	250	483	6,660
Monday 14	1,669.16	2.41	12 AM -Mid	250	483	6,000
Tuesday 15	1,669.23	2.42	12 AM -Mid	250	443	5,450
Wednesday 16	1,669.33	2.44	12 AM -Mid	250	379	5,300
Thursday 17	1,669.41	2.45	12 AM -Mid	250	554	6,230
Friday 18	1,669.54	2.47	12 AM -Mid	250	869	8,130
Saturday 19	1,669.78	2.51	12 AM -Mid	250	1,100	9,470

CHANGE IN STORAGE DURING THE WEEK

0.14

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2016	1,674.50	3.54	6	2013	1,666.50	1.97
2	2017	1,674.02	3.42	7	2019	1,666.12	1.91
3	2018	1,673.56	3.32	8	2020	1,665.37	1.78
4	2022	1,669.78	2.51	9	2021	1,662.26	1.27
5	2014	1,666.63	1.99	10	2015	1,658.88	0.79

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: **March 26, 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 19	1,669.78	2.51	12 AM -Mid	250	1,100	9,470
Sunday 20	1,670.48	2.65	12 AM -Mid	250	2,160	14,400
Monday 21	1,671.43	2.85	12 AM -Mid	250	2,080	20,800
Tuesday 22	1,671.90	2.95	12 AM -Mid	250	1,090	23,000
Wednesday 23	1,672.25	3.03	12 AM -Mid	250	658	17,800
Thursday 24	1,672.54	3.09	12 AM -Mid	250	579	13,400
Friday 25	1,672.73	3.13	12 AM -Mid	250	750	10,600
Saturday 26	1,673.03	3.20	12 AM -Mid	250	666	9,400

CHANGE IN STORAGE DURING THE WEEK	0.68
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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	1,675.05	3.67	6	2013	1,667.04	2.06
2	2017	1,673.27	3.25	7	2019	1,665.08	1.74
3	2022	1,673.03	3.20	8	2014	1,664.91	1.71
4	2018	1,672.31	3.04	9	2021	1,664.89	1.71
5	2020	1,667.23	2.09	10	2015	1,658.28	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
FULTON CHAIN RESERVOIR OPERATION

FOR WEEK ENDING: [March 5, 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	1,703.97	0.527	233	1,781.27	0.154	162
Sunday 27	1,703.96	0.526	232	1,781.15	0.151	160
Monday 28	1,703.93	0.522	230	1,781.03	0.147	157
Tuesday 1	1,703.88	0.516	227	1,780.89	0.143	154
Wednesday 2	1,703.80	0.506	224	1,780.78	0.140	151
Thursday 3	1,703.72	0.496	220	1,780.64	0.135	148
Friday 4	1,703.63	0.484	216	1,780.51	0.132	146
Saturday 5	1,703.52	0.471	212	1,780.38	0.128	143
CHANGE IN STORAGE		-0.056			-0.027	

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	2018	1,704.00	0.531	1	2018	1,781.66	0.166
2	2022	1,703.52	0.471	2	2022	1,780.38	0.128
3	2019	1,703.18	0.426	3	2021	1,780.18	0.122
4	2021	1,703.11	0.417	4	2020	1,779.36	0.097
5	2020	1,702.94	0.397	5	2019	1,779.25	0.094

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: March 12, 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 5	1,703.52	0.471	212	1,780.38	0.128	143
Sunday 6	1,703.43	0.459	208	1,780.25	0.124	141
Monday 7	1,703.38	0.453	208	1,780.23	0.123	142
Tuesday 8	1,703.39	0.454	209	1,780.33	0.126	145
Wednesday 9	1,703.44	0.461	209	1,780.46	0.130	146
Thursday 10	1,703.38	0.453	208	1,780.42	0.129	144
Friday 11	1,703.35	0.448	135	1,780.31	0.126	92
Saturday 12	1,703.36	0.449	97	1,780.28	0.125	65
CHANGE IN STORAGE		-0.021			-0.003	

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	2018	1,703.90	0.517	1	2018	1,780.88	0.143
2	2022	1,703.36	0.449	2	2022	1,780.28	0.125
3	2019	1,703.15	0.422	3	2021	1,780.21	0.123
4	2021	1,703.14	0.421	4	2020	1,779.81	0.111
5	2020	1,703.11	0.419	5	2019	1,779.19	0.092

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: **March 19, 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 12	1,703.36	0.449	97	1,780.28	0.125	65
Sunday 13	1,703.39	0.454	97	1,780.28	0.125	65
Monday 14	1,703.42	0.458	98	1,780.24	0.123	64
Tuesday 15	1,703.43	0.459	98	1,780.18	0.122	64
Wednesday 16	1,703.47	0.464	98	1,780.16	0.121	64
Thursday 17	1,703.49	0.467	99	1,780.18	0.122	64
Friday 18	1,703.53	0.471	99	1,780.28	0.125	64
Saturday 19	1,703.62	0.482	101	1,780.48	0.131	66
CHANGE IN STORAGE		0.033			0.006	

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	2018	1,703.69	0.491	1	2021	1,780.49	0.131
2	2022	1,703.62	0.482	2	2022	1,780.48	0.131
3	2019	1,703.42	0.457	3	2020	1,780.25	0.124
4	2021	1,703.34	0.447	4	2018	1,780.22	0.123
5	2020	1,703.31	0.444	5	2019	1,779.74	0.109

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: [March 26, 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 19	1,703.62	0.482	101	1,780.48	0.131	66
Sunday 20	1,703.92	0.521	103	1,781.07	0.148	70
Monday 21	1,704.17	0.553	193	1,781.56	0.163	125
Tuesday 22	1,704.19	0.555	244	1,781.55	0.163	168
Wednesday 23	1,704.18	0.554	154	1,781.49	0.161	94
Thursday 24	1,704.25	0.563	94	1,781.53	0.162	52
Friday 25	1,704.26	0.564	94	1,781.59	0.164	52
Saturday 26	1,704.30	0.568	94	1,781.69	0.167	52
CHANGE IN STORAGE		0.086			0.037	

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	1,704.30	0.568	1	2022	1,781.69	0.167
2	2021	1,703.79	0.503	2	2021	1,781.64	0.166
3	2020	1,703.63	0.484	3	2020	1,780.82	0.141
4	2019	1,703.60	0.479	4	2019	1,779.96	0.115
5	2018	1,703.54	0.472	5	2018	1,779.92	0.114

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