

REPORT OF CHIEF ENGINEER
HUDSON RIVER - BLACK RIVER REGULATING DISTRICT
BOARD MEETING
JUNE 14, 2022 – MAYFIELD, NEW YORK

HUDSON RIVER AREA - MAY SUMMARY

Reservoir Operation

Great Sacandaga Lake

The May average daily release from the Sacandaga Reservoir (Great Sacandaga Lake) was approximately 2,130 cubic feet per second (cfs). The Upper Hudson / Sacandaga River Offer of Settlement target elevation for May 31 is 767.12 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
Apr. 30	768.77	+3.78	+5.15	0	3,560
May 31	767.2 (e)	+0.6 (e)	+0.1 (e)	0	800 (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 National Geodetic Vertical Datum

Indian Lake Reservoir

The May average daily release from Indian Lake was approximately 240 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	
Apr. 30	1,650.41	+0.71	-0.22	363
May 31	1,649.7 (e)	-0.1 (e)	+0.0 (e)	200 (e)

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

⁽²⁾ "(e)" represents estimated value

HUDSON RIVER AREA - MAY SUMMARY- continued

River Flow

Hudson River flow, downstream of the confluence with the Sacandaga River, was approximately 5,430 cfs on May 22 and approximately 1,790 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	990 (e)	1,730
Sacandaga at Stewarts Bridge	2,130 (e)	2,410
Indian at Indian Lake Dam	238 (e)	331
Hudson at Hadley (1)	3,310 (e)	5,200

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

Precipitation

Monthly total precipitation measured 69%, 29%, and 72% historic average at Indian Lake, Mayfield, and Conklingville, respectively, as of May 23

Table 4.0 - *Hudson River Basin Precipitation - as of May 22*

Station	Monthly Total (inch)	Historic Average (inch)
Indian Lake	2.70	3.89
Mayfield	1.16	3.98
Conklingville	2.63	3.64

HUDSON RIVER AREA - MAY SUMMARY- continued

Operation Overview

Precipitation during the month of May was below normal across the Great Sacandaga Lake watershed and the Indian Lake watershed. The monthly inflow to Great Sacandaga Lake and Indian Lake reservoir was approximately 48% and 45% of historic average, respectively. Monthly release of water from Great Sacandaga Lake and Indian Lake measured 88% and 60% of historic average, respectively.

Great Sacandaga Lake Operation

Great Sacandaga Lake operation summary report for the period May 1, 2022 through May 23, 2022 is attached. This report includes projected and forecast values for dates after May 23, 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 Operations Manager's Report.

BLACK RIVER AREA – MAY SUMMARY

Reservoir Operations

Stillwater Reservoir

The May average daily release from Stillwater Reservoir was approximately 350 cfs. The maximum discharge for the month was 300 cfs.

Table 1.0 - *Stillwater Reservoir Elevation and Release*

Date	Daily Average Elevation (ft, NAVD)	Deviation from Average Elevation (ft) (1)	Release (cfs)
Apr. 30	1,678.58	+1.40	600
May 31	1,678.3 (e)	-0.2 (e)	300 (e)

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

Sixth Lake Reservoir

The May average daily release from Sixth Lake Reservoir was approximately 6 cfs.

Table 2.0 - *Sixth Lake Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Apr. 30	1,784.90	+0.12	8
May 31	1,786.0 (e)	+0.2 (e)	10 (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 May 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)
Apr. 30	1,706.54	+0.76	8
May 31	1,706.8 (e)	-0.0 (e)	85 (e)

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

BLACK RIVER AREA - MAY SUMMARY - continued

River Flow

The average daily Black River flow, as measured at the Watertown gauge, was approximately 3,280 cfs on May 22

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

River	Monthly Average Flow (cfs)	Historic Average Flow (1) (cfs)
Moose at McKeever	665 (e)	1,281
Beaver at Croghan	550 (e)	720
Black at Watertown	3,010 (e)	5,360

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 71%, 69%, 64% of historic average at Stillwater, Old Forge, and Sixth Lake, respectively, as of May 22.

Table 5.0 - *Black River Basin Precipitation - as of May 22*

Station	Monthly Total (inch)	Historic Average (inch)
Stillwater	3.13	4.39
Old Forge	2.98	4.33
Sixth Lake	2.46	3.93

BLACK RIVER AREA - MAY SUMMARY - continued

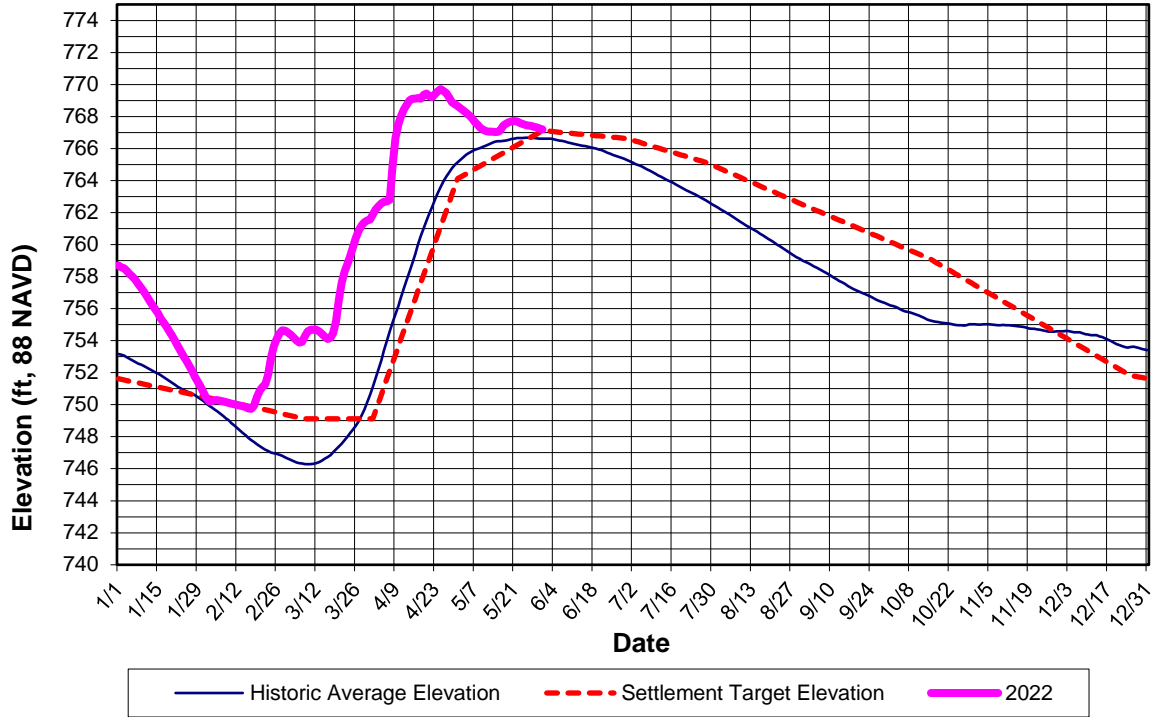
Operation Overview

Precipitation in the month of May was below average at Stillwater and below average at Sixth Lake and Old Forge. The monthly inflow to Stillwater Reservoir was approximately 62% of historic average. The inflow to Sixth Lake and Old Forge Reservoir totaled 0.04 and 0.16 billion cubic feet, respectively, in May. Release of water from Stillwater Reservoir averaged 73% of historic discharge.

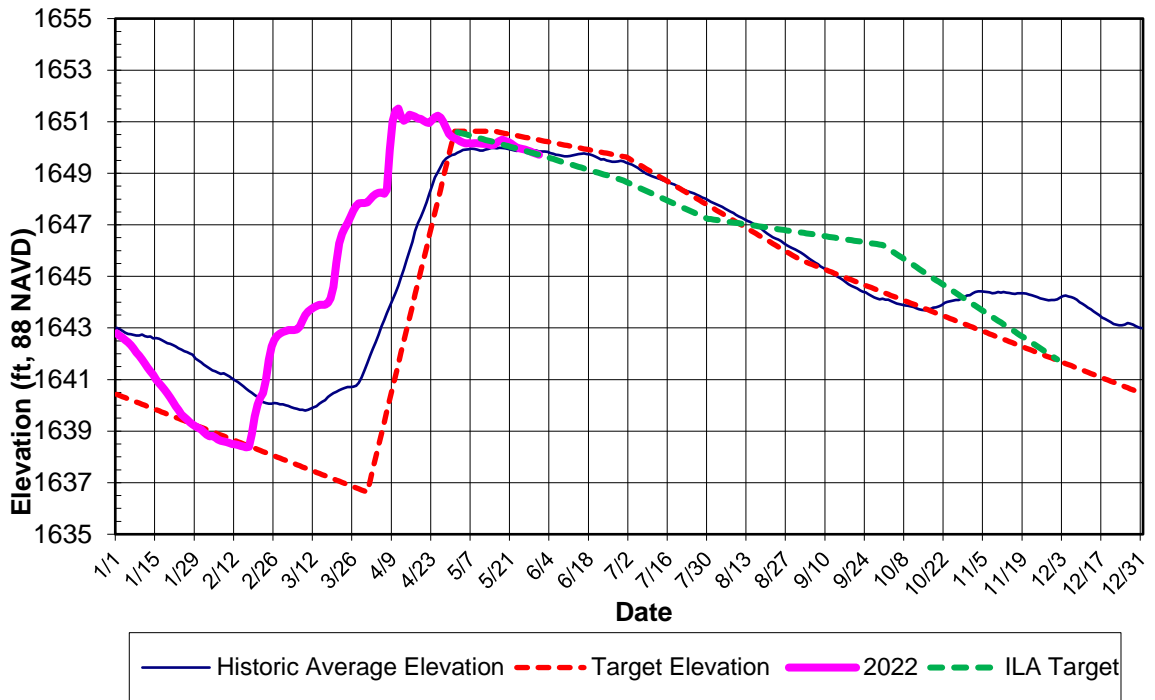
Black River Area Staff Activities

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

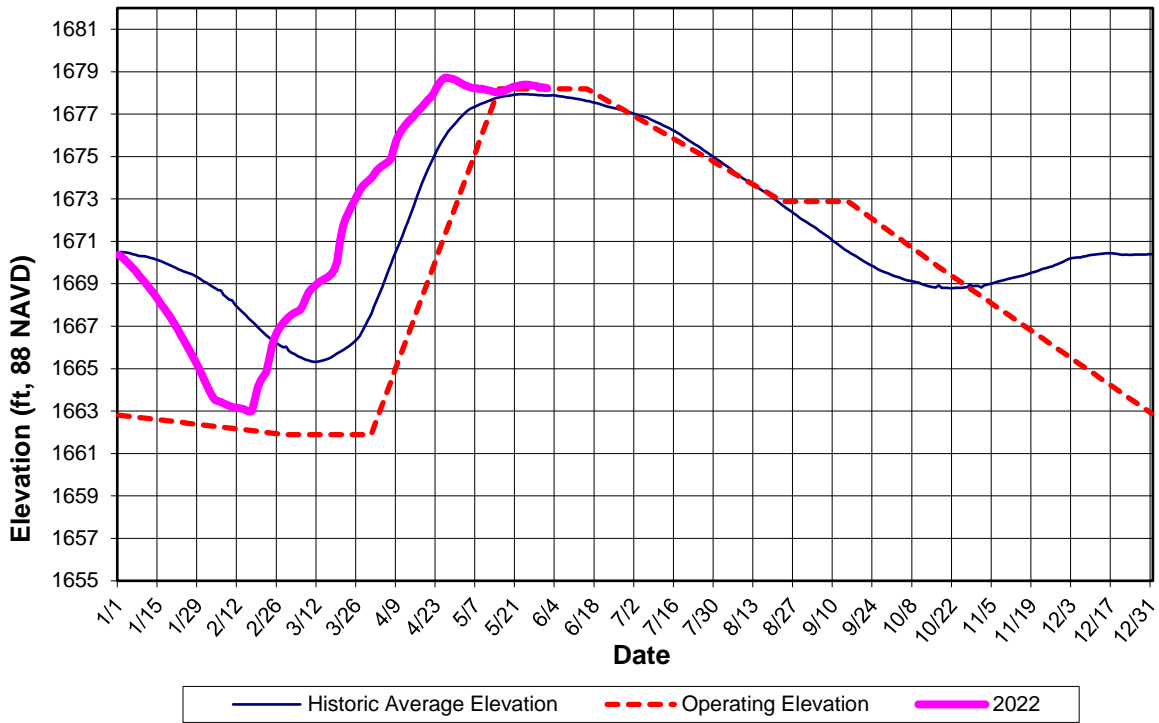
Great Sacandaga Lake 2022 Reservoir Elevation



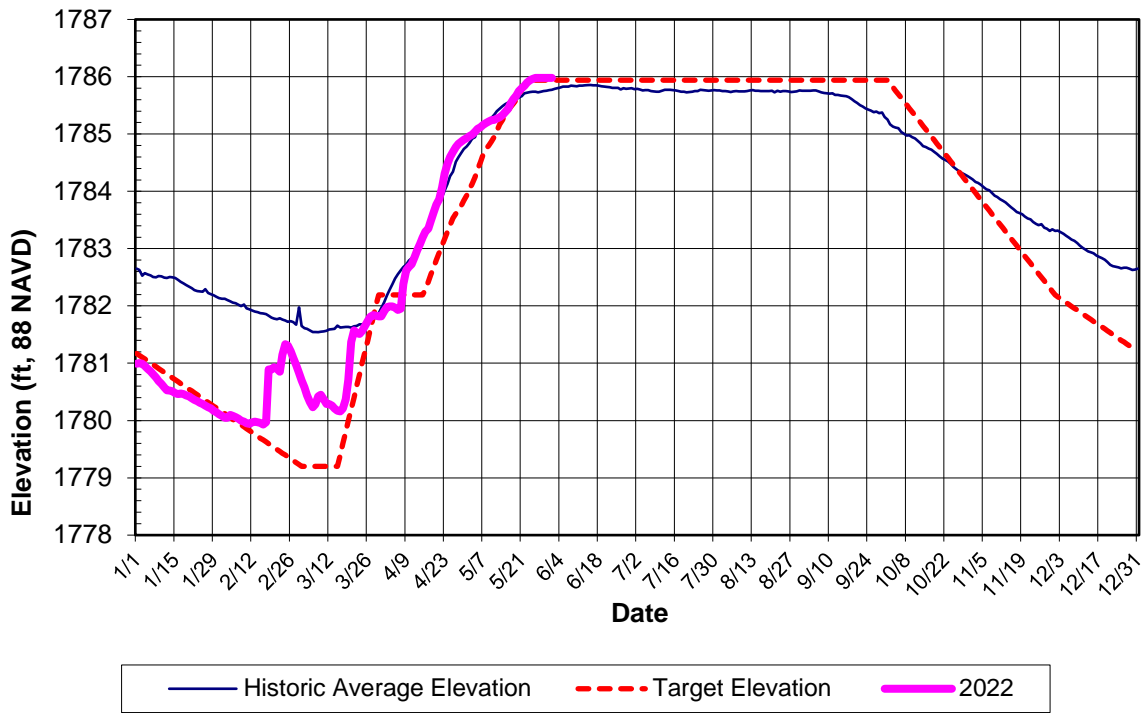
Indian Lake 2022 Reservoir Elevation



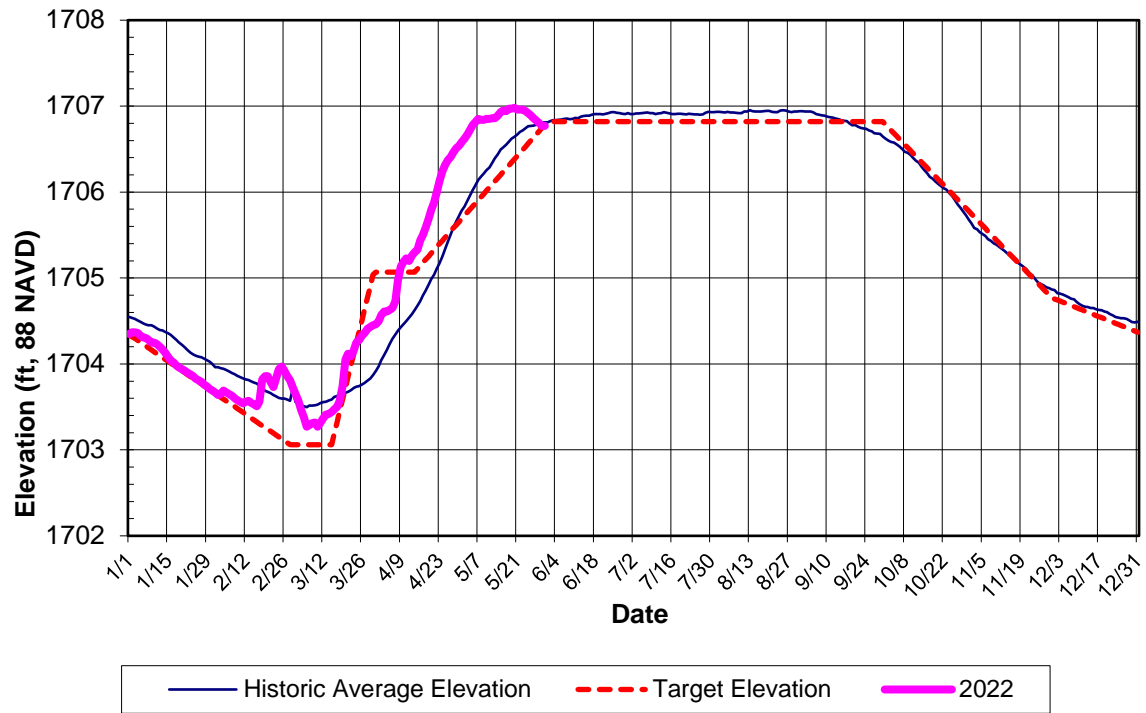
Stillwater Reservoir 2022 Reservoir Elevation



Sixth Lake 2022 Reservoir Elevation



Old Forge 2022 Reservoir Elevation



SACANDAGA RESERVOIR ELEVATION CALCULATOR

Datum:

1988 NAVD

Settlement Parameters

Date	5/24/2022	
Target Elevation	766.42	
Actual "Level"	3.23	
"Level 2.5 threshold"	764.43	
"Level 1.2 threshold"	756.91	
Hudson River Target	Elevation	Level
Maximum Flow (cfs)	8000	7960
Minimum Flow (cfs)	n/a	2460
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	5/24/2022
Day of Year	5623
Starting Elevation (ft)	767.55
Average Elevation	767.52
Flow Below Hadley (cfs)	5200
Todays Release	2000
Tomorrows Release	1600

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)					
5/1/2022	768.72	1900	3580	0	0	3580	6700	3.57	4870	8450	3140	9000	11300	768.59	5/2/2022	768.66	764.12	765.15
5/2/2022	768.59	1600	3550	0	0	3550	6527	3.54	4420	7970	3080	8700	10100	768.44	5/3/2022	768.52	764.22	765.32
5/3/2022	768.44	2400	3800	0	0	3800	6440	3.52	4120	7920	3020	8500	8900	768.33	5/4/2022	768.39	764.32	765.48
5/4/2022	768.33	1700	3850	0	0	3850	6353	3.49	4010	7860	2960	8200	8460	768.16	5/5/2022	768.25	764.42	765.63
5/5/2022	768.16	2000	4060	0	0	4060	6180	3.46	4300	8360	2920	8000	8420	768.00	5/6/2022	768.08	764.52	765.74
5/6/2022	768.00	1100	4040	0	0	4040	6007	3.43	4370	8410	2860	8000	8360	767.77	5/7/2022	767.89	764.62	765.84
5/7/2022	767.77	2200	4080	0	0	4080	5833	3.40	3950	8030	2800	8000	8300	767.62	5/8/2022	767.70	764.72	765.92
5/8/2022	767.62	1400	4060	0	0	4060	5660	3.37	3570	7630	2740	8000	8240	767.41	5/9/2022	767.52	764.82	765.98
5/9/2022	767.41	1500	4040	0	0	4040	5487	3.34	3140	7180	2680	8000	8180	767.21	5/10/2022	767.31	764.92	766.05
5/10/2022	767.21	700	2070	0	0	2070	5400	3.31	2850	4920	2600	8000	8100	767.10	5/11/2022	767.16	765.02	766.11
5/11/2022	767.10	1200	1580	0	0	1580	5353	3.28	2770	4350	2560	8000	8060	767.07	5/12/2022	767.09	765.12	766.18
5/12/2022	767.07	1200	1590	0	0	1590	5353	3.26	2570	4160	2520	8000	8020	767.03	5/13/2022	767.05	765.22	766.25
5/13/2022	767.03	1000	1000	0	0	1000	5353	3.24	2540	3540	2480	8000	7980	767.03	5/14/2022	767.03	765.32	766.34
5/14/2022	767.03	900	1000	0	0	1000	5353	3.22	2380	3380	2440	8000	7940	767.02	5/15/2022	767.03	765.42	766.41
5/15/2022	767.02	1400	1000	0	0	1000	5353	3.23	2300	3300	2460	8000	7960	767.05	5/16/2022	767.04	765.52	766.44
5/16/2022	767.05	4000	821	0	0	821	5400	3.24	2680	3501	2480	8000	7980	767.29	5/17/2022	767.17	765.62	766.46
5/17/2022	767.29	3500	1030	0	0	1030	5573	3.26	3780	4810	2520	8000	8020	767.47	5/18/2022	767.38	765.72	766.47
5/18/2022	767.47	2500	857	0	0	857	5747	3.27	4310	5167	2540	8000	8040	767.59	5/19/2022	767.53	765.82	766.50
5/19/2022	767.59	2700	1170	0	0	1170	5833	3.28	3980	5150	2560	8000	8060	767.70	5/20/2022	767.65	765.92	766.54
5/20/2022	767.70	2300	1980	0	0	1980	5833	3.28	3840	5820	2560	8000	8060	767.72	5/21/2022	767.71	766.02	766.59
5/21/2022	767.72	1600	2010	0	0	2010	5833	3.26	3690	5700	2520	8000	8020	767.68	5/22/2022	767.70	766.12	766.62
5/22/2022	767.68	1400	2000	0	0	2000	5833	3.24	3430	5430	2480	8000	7980	767.63	5/23/2022	767.66	766.22	766.65
5/23/2022	767.63	1000	2000	0	0	2000	5747	3.22	3120	5120	2440	8000	7940	767.55	5/24/2022	767.59	766.32	766.65
5/24/2022	767.55	1100	2000	0	0	2000	5660	3.20	3200	5200	2400	8000	7900	767.48	5/25/2022	767.52	766.42	766.66
5/25/2022	767.48	1000	1600	0	0	1600	5660	3.17	3100	4700	2340	8000	7840	767.43	5/26/2022	767.46	766.52	766.68
5/26/2022	767.43	900	1200	0	0	1200	5573	3.15	3000	4200	2280	8000	7780	767.40	5/27/2022	767.42	766.62	766.68
5/27/2022	767.40	800	1263	0	0	1263	5573	3.12	2800	4063	2240	8000	7740	767.36	5/28/2022	767.38	766.72	766.67
5/28/2022	767.36	700	1263	0	0	1263	5573	3.12	2600	3863	2220	8000	7720	767.31	5/29/2022	767.34	766.82	766.65
5/29/2022	767.31	600	1263	0	0	1263	5487	3.10	2400	3663	2200	8000	7700	767.25	5/30/2022	767.28	766.92	766.63
5/30/2022	767.25	500	1263	0	0	1263	5487	3.08	2200	3463	2160	8000	7660	767.19	5/31/2022	767.22	767.02	766.63
5/31/2022	767.19	500	800	0	0	800	5400	3.06	2100	2900	2120	8000	7620	767.16	6/1/2022	767.18	767.12	766.62
6/1/2022	767.16	500	1263	0	0	1263	5400	3.04	2000	3263	2080	8000	7580	767.10	6/2/2022	767.09	767.09	766.62
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: _____

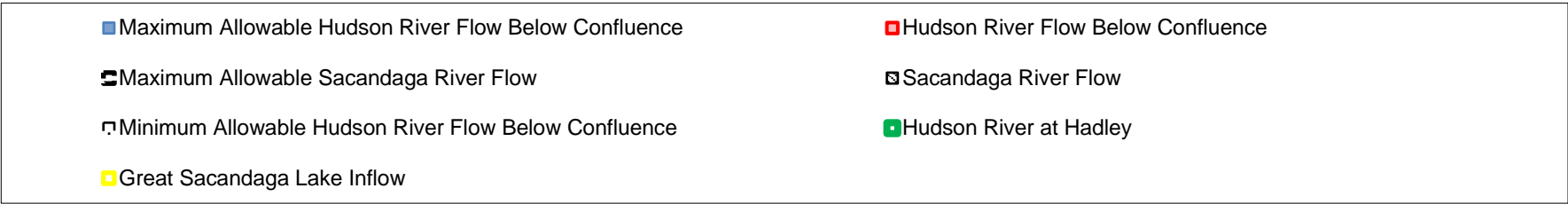
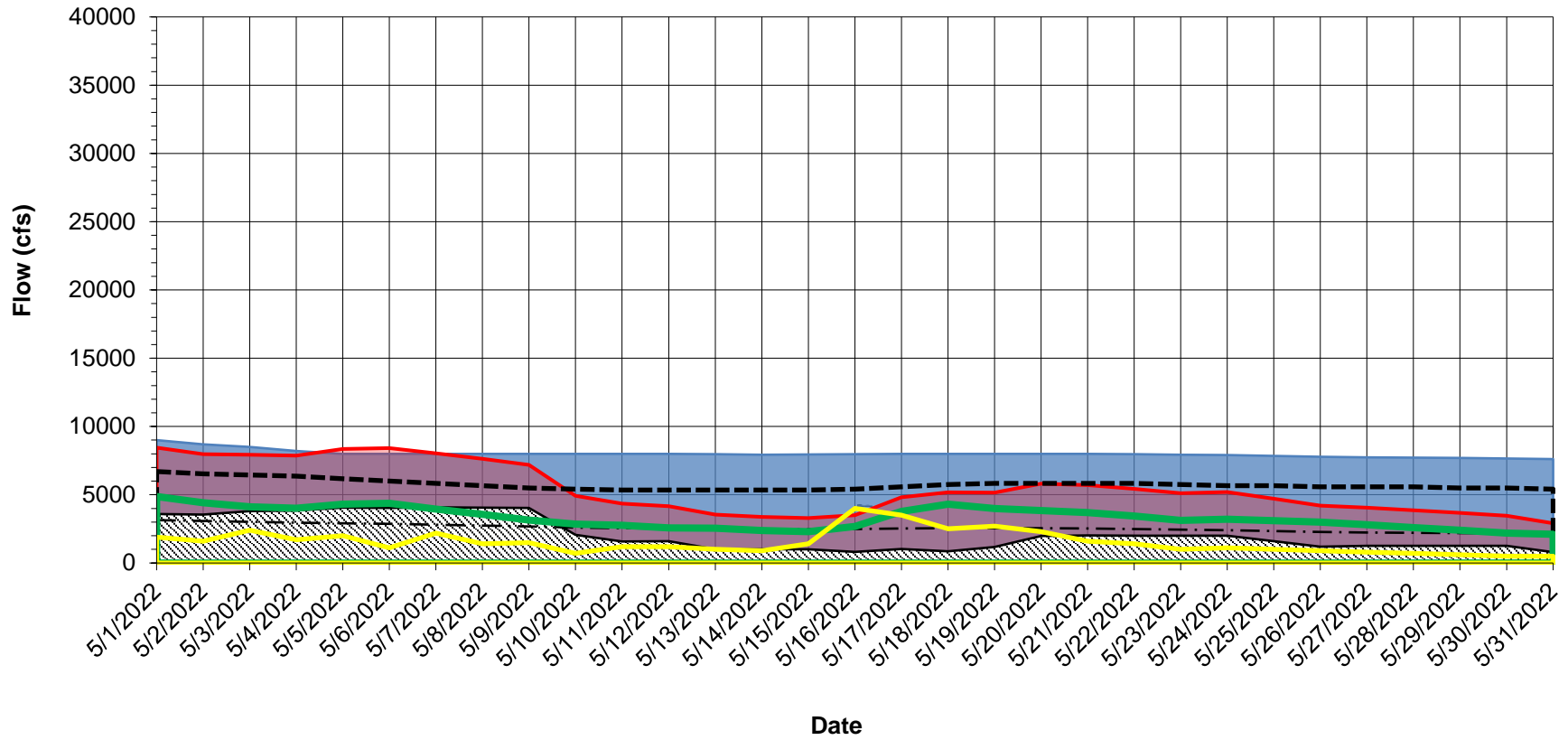
Date: _____

**GREAT SACANDAGA LAKE
RESERVOIR OPERATION SUMMARY**

Print Date: 5/24/2022
 Period of Record: 5/1/2022 to 5/29/2022

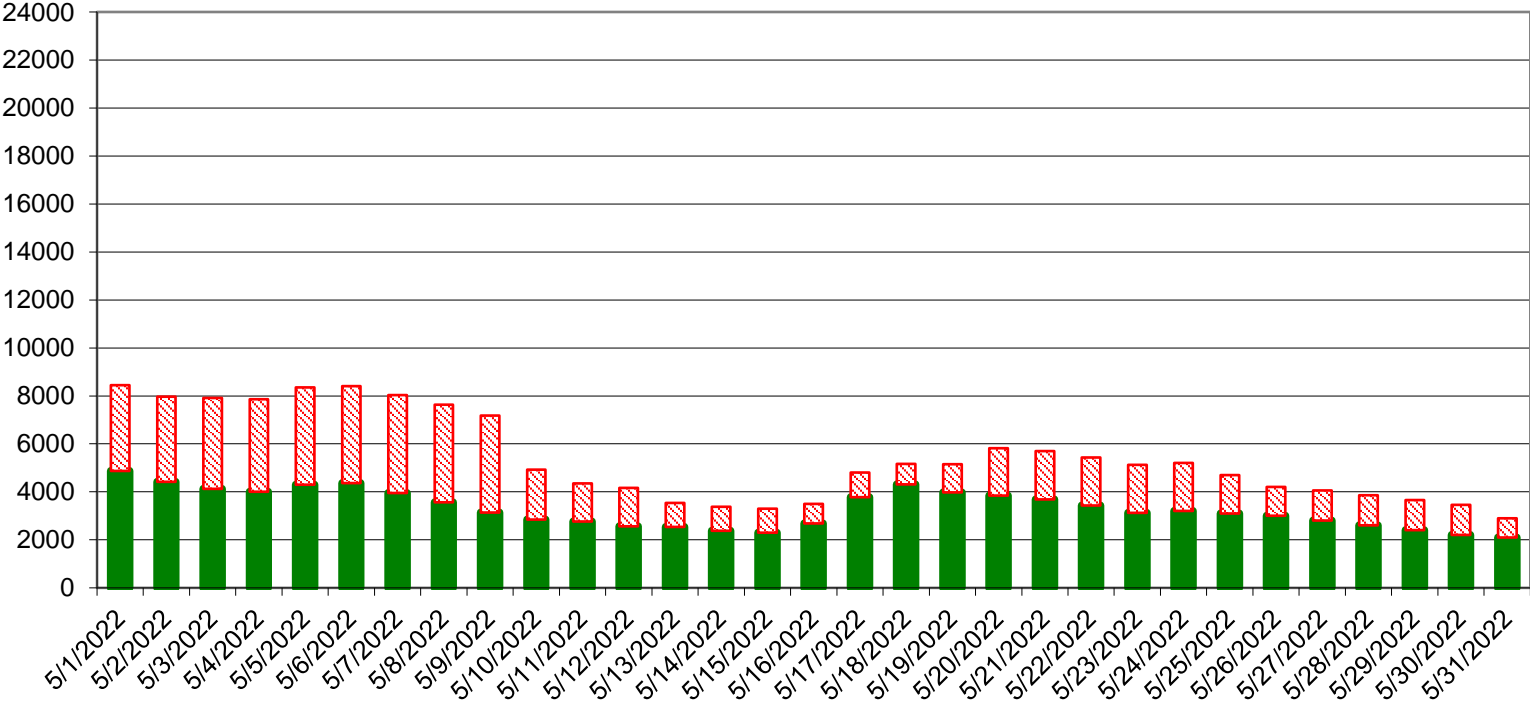
Starting Date 12:00 AM	Daily Avg. Elevation	Net Average Inflow	Sacandaga River Flow		Settlement Level	Hudson at Hadley	Hudson River Below Confluence	Hudson River Target Flow		Maximum Allowable Sacandaga
			Average Release	Maximum (Table F - Elev.)				Minimum (Table B - Level)	Maximum (Table D & E)	
5/1/2022	768.66	1900	3580	6700	3.57	4870	8450	3140	9000	6787
5/2/2022	768.52	1600	3550	6527	3.54	4420	7970	3080	8700	6613
5/3/2022	768.39	2400	3800	6440	3.52	4120	7920	3020	8500	6527
5/4/2022	768.25	1700	3850	6353	3.49	4010	7860	2960	8200	6440
5/5/2022	768.08	2000	4060	6180	3.46	4300	8360	2920	8000	6267
5/6/2022	767.89	1100	4040	6007	3.43	4370	8410	2860	8000	6093
5/7/2022	767.70	2200	4080	5833	3.40	3950	8030	2800	8000	5920
5/8/2022	767.52	1400	4060	5660	3.37	3570	7630	2740	8000	5833
5/9/2022	767.31	1500	4040	5487	3.34	3140	7180	2680	8000	5573
5/10/2022	767.16	700	2070	5400	3.31	2850	4920	2600	8000	5400
5/11/2022	767.09	1200	1580	5353	3.28	2770	4350	2560	8000	5353
5/12/2022	767.05	1200	1590	5353	3.26	2570	4160	2520	8000	5353
5/13/2022	767.03	1000	1000	5353	3.24	2540	3540	2480	7980	5353
5/14/2022	767.03	900	1000	5353	3.22	2380	3380	2440	7940	5353
5/15/2022	767.04	1400	1000	5353	3.23	2300	3300	2460	7960	5353
5/16/2022	767.17	4000	821	5400	3.24	2680	3501	2480	7980	5353
5/17/2022	767.38	3500	1030	5573	3.26	3780	4810	2520	8000	5487
5/18/2022	767.53	2500	857	5747	3.27	4310	5167	2540	8000	5660
5/19/2022	767.65	2700	1170	5833	3.28	3980	5150	2560	8000	5747
5/20/2022	767.71	2300	1980	5833	3.28	3840	5820	2560	8000	5833
5/21/2022	767.70	1600	2010	5833	3.26	3690	5700	2520	8000	5920
5/22/2022	767.66	1400	2000	5833	3.24	3430	5430	2480	7980	5833
5/23/2022	767.59	1000	2000	5747	3.22	3120	5120	2440	7940	5833
5/24/2022	767.52	1100	2000	5660	3.20	3200	5200	2400	7900	5747
5/25/2022	767.46	1000	1600	5660	3.17	3100	4700	2340	7840	5660
5/26/2022	767.42	900	1200	5573	3.15	3000	4200	2280	7780	5660
5/27/2022	767.38	800	1263	5573	3.12	2800	4063	2240	7740	5573
5/28/2022	767.34	700	1263	5573	3.12	2600	3863	2220	7720	5573
5/29/2022	767.28	600	1263	5487	3.10	2400	3663	2200	7700	5487
5/30/2022	767.22	500	1263	5487	3.08	2200	3463	2160	7660	5487
5/31/2022	767.18	500	800	5400	3.06	2100	2900	2120	7620	5400

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: April 2022

Day	Sacandaga Reservoir Elevation Average Daily	Sacandaga Reservoir Elevation Midnight	Sacandaga River Near Hope cfs	Reservoir Inflow Hope x 2.0025 cfs	Sacandaga River at Stewarts Bridge cfs	Hudson River at Hadley cfs	Regulated Hudson River below confluence cfs
1	761.87	761.72	3210	6428	991	6360	7351
2	762.19	762.03	2840	5687	1120	6600	7720
3	762.39	762.27	2360	4726	1330	6210	7540
4	762.58	762.50	2020	4045	1290	5680	6970
5	762.68	762.61	1830	3665	1950	5310	7260
6	762.70	762.69	1690	3384	3180	5060	8240
7	762.79	762.70	4360	8731	3040	5600	8640
8	764.95	763.33	16600	33242	507	22400	22907
9	766.67	766.16	8610	17242	404	20600	21004
10	767.52	767.20	6000	12015	399	15400	15799
11	768.02	767.85	4290	8591	395	1200	1595
12	768.44	768.22	3390	6788	395	10300	10695
13	768.74	768.62	2890	5787	395	9370	9765
14	769.02	768.94	2660	5327	1100	8690	9790
15	769.12	769.05	2370	4746	3390	8390	11780
16	769.11	769.04	2110	4225	3050	8280	11330
17	769.15	769.19	1910	3825	3040	7690	10730
18	769.11	769.14	1670	3344	3030	6850	9880
19	769.36	769.11	1950	3905	2110	6890	9000
20	769.43	769.54	1970	3945	5230	7230	12460
21	769.25	769.27	1990	3985	6490	7090	13580
22	769.21	769.24	3510	7029	5490	7570	13060
23	769.40	769.26	4180	8370	4060	8630	12690
24	769.58	769.47	3820	7650	3500	8650	12150
25	769.71	769.70	3390	6788	5610	8400	14010
26	769.60	769.63	2870	5747	6640	8110	14750
27	769.45	769.54	2530	5066	6610	7820	14430
28	769.17	769.33	2060	4125	6620	7260	13880
29	768.90	769.01	1740	3484	5110	6510	11620
30	768.77	768.81	1480	2964	3560	5520	9080

AVERAGE		3410	6830	3000	8320	11320
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CHANGE IN STORAGE DURING THE MONTH 7.77 B.C.F.

CHIEF ENGINEER

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

Monthly Report for: April, 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	1647.99	1647.89	727	331	568	2640
2	1648.11	1648.08	476	330	714	3060
3	1648.19	1648.15	518	331	681	2750
4	1648.24	1648.24	329	329	608	2390
5	1648.25	1648.24	370	328	562	2310
6	1648.21	1648.26	242	409	554	2230
7	1648.37	1648.18	1915	472	745	3770
8	1649.89	1648.87	4522	491	2610	16100
9	1651.02	1650.64	2140	510	3400	12500
10	1651.42	1651.31	895	603	2470	8330
11	1651.51	1651.43	906	639	1730	6150
12	1651.21	1651.54	-462	729	1310	5060
13	1651.03	1651.05	527	746	1210	4580
14	1651.11	1650.96	1849	731	1160	4250
15	1651.27	1651.42	-100	726	1390	4500
16	1651.24	1651.08	990	698	1420	4470
17	1651.20	1651.20	619	668	1220	3780
18	1651.12	1651.18	351	643	1000	3190
19	1651.11	1651.06	722	673	890	3220
20	1651.04	1651.08	513	659	838	3230
21	1650.97	1651.02	458	652	743	3070
22	1650.95	1650.94	746	649	842	3450
23	1651.06	1650.98	1061	648	1270	4740
24	1651.17	1651.15	801	655	1330	4970
25	1651.23	1651.21	720	671	1260	4880
26	1651.17	1651.23	548	864	1190	4660
27	1651.00	1651.10	423	933	1120	4550
28	1650.76	1650.89	291	923	1040	4160
29	1650.53	1650.63	266	729	802	3630
30	1650.41	1650.43	270	363	643	2730

AVERAGE 788 604 1177 4645

CHANGE IN STORAGE DURING THE MONTH 0.475 B.C.F

 CHIEF ENGINEER

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

Monthly Report for: April 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	1674.15	1674.07	745	250	1150	627	6500
2	1674.34	1674.25	690	250	1240	756	6580
3	1674.47	1674.41	552	250	1110	652	6570
4	1674.58	1674.52	552	250	1040	535	6320
5	1674.67	1674.63	470	250	891	493	5850
6	1674.76	1674.71	552	250	811	408	5260
7	1674.91	1674.82	1031	250	1080	465	5030
8	1675.37	1675.10	1737	250	3940	1040	7130
9	1675.81	1675.62	1222	250	3820	1210	8950
10	1676.08	1675.96	982	250	2160	970	12000
11	1676.29	1676.21	691	250	1500	550	12700
12	1676.47	1676.36	838	250	1290	595	10600
13	1676.64	1676.56	721	250	1180	492	8830
14	1676.78	1676.72	691	250	1070	512	7430
15	1676.91	1676.87	544	250	1060	575	6600
16	1677.07	1676.97	853	250	1000	598	6240
17	1677.22	1677.17	644	250	984	655	6190
18	1677.35	1677.30	613	250	947	567	6000
19	1677.52	1677.42	795	250	1010	640	5790
20	1677.68	1677.60	735	250	1170	933	6450
21	1677.80	1677.76	613	250	1250	641	6950
22	1677.98	1677.88	988	250	1680	729	7090
23	1678.24	1678.12	1030	250	1920	807	7280
24	1678.45	1678.37	781	250	1750	921	7600
25	1678.61	1678.54	656	250	1550	769	7820
26	1678.72	1678.67	673	454	1310	512	7420
27	1678.71	1678.74	538	600	1150	542	6850
28	1678.68	1678.72	444	600	905	707	6200
29	1678.64	1678.67	413	600	779	793	5600
30	1678.58	1678.61	413	600	718	662	4820

AVERAGE	740	303	1380	680	7160
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CHANGE IN STORAGE DURING THE MONTH 1.13 B.C.F.

CHIEF ENGINEER

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

Monthly Report for: April, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1781.91	1781.86	84	0.67	0.67	53
2	1781.98	1781.95	67	0.67	0.67	53
3	1781.99	1781.99	53	0.67	0.67	53
4	1781.99	1781.99	53	0.67	0.67	53
5	1781.97	1781.99	39	0.67	0.67	53
6	1781.93	1781.95	42	0.83	0.83	59
7	1781.95	1781.90	134	0.83	0.83	65
8	1782.38	1782.10	232	0.83	0.83	67
9	1782.62	1782.56	108	0.83	0.83	69
10	1782.68	1782.67	80	0.83	0.83	69
11	1782.73	1782.70	56	0.08	0.08	27
12	1782.85	1782.78	55	0.08	0.08	8
13	1782.97	1782.91	51	0.08	0.08	8
14	1783.08	1783.03	47	0.08	0.08	8
15	1783.19	1783.14	44	0.08	0.08	8
16	1783.30	1783.24	47	0.08	0.08	8
17	1783.35	1783.35	40	0.08	0.08	8
18	1783.49	1783.44	37	0.08	0.08	8
19	1783.64	1783.52	80	0.08	0.08	8
20	1783.77	1783.72	45	0.08	0.08	8
21	1783.86	1783.82	51	0.08	0.08	8
22	1784.07	1783.94	101	0.08	0.08	8
23	1784.31	1784.20	85	0.08	0.08	8
24	1784.48	1784.41	60	0.08	0.08	8
25	1784.60	1784.55	41	0.08	0.08	8
26	1784.69	1784.64	45	0.08	0.08	8
27	1784.77	1784.74	41	0.08	0.08	8
28	1784.83	1784.83	19	0.08	0.08	8
29	1784.87	1784.86	12	0.08	0.08	8
30	1784.90	1784.87	23	0.08	0.08	8

AVERAGE 62 26

CHANGE IN STORAGE DURING THE MONTH 0.095 B.C.F

CHIEF ENGINEER

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

Monthly Report for: April, 2022

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow cfs	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1704.50	1704.50	126	1.00	1.00	96
2	1704.57	1704.53	201	1.00	1.00	96
3	1704.61	1704.60	96	1.00	1.00	96
4	1704.61	1704.60	126	1.00	1.00	96
5	1704.63	1704.62	141	1.00	1.00	96
6	1704.65	1704.64	142	1.00	1.00	97
7	1704.73	1704.67	368	1.00	1.00	97
8	1704.97	1704.86	430	1.00	1.00	99
9	1705.13	1705.08	250	1.00	1.00	100
10	1705.19	1705.17	191	1.00	1.00	101
11	1705.23	1705.23	100	1.83	1.83	145
12	1705.20	1705.20	177	0.33	0.33	117
13	1705.26	1705.24	90	0.33	0.33	30
14	1705.30	1705.29	120	0.33	0.33	30
15	1705.33	1705.35	76	0.08	0.08	16
16	1705.44	1705.38	158	0.08	0.08	8
17	1705.50	1705.48	98	0.08	0.08	8
18	1705.59	1705.54	174	0.08	0.08	8
19	1705.69	1705.65	174	0.08	0.08	8
20	1705.79	1705.76	158	0.08	0.08	8
21	1705.88	1705.86	143	0.08	0.08	8
22	1705.99	1705.95	158	0.08	0.08	8
23	1706.13	1706.06	245	0.08	0.08	8
24	1706.24	1706.20	113	0.08	0.08	8
25	1706.31	1706.28	88	0.08	0.08	8
26	1706.37	1706.33	125	0.08	0.08	8
27	1706.41	1706.39	98	0.08	0.08	8
28	1706.46	1706.45	84	0.08	0.08	8
29	1706.51	1706.50	40	0.08	0.08	8
30	1706.54	1706.52	89	0.08	0.08	8

AVERAGE 153 48

CHANGE IN STORAGE DURING THE MONTH 0.272 B.C.F

CHIEF ENGINEER

STATE OF NEW YORK
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
SACANDAGA RESERVOIR OPERATION
 FOR WEEK ENDING: May 7, 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 30	768.81	36.20	12 AM - Mid	3,560	5,520	9,080
Sunday 1	768.73	36.12	12 AM - Mid	3,580	4,870	8,450
Monday 2	768.59	35.96	12 AM - Mid	3,550	4,420	7,970
Tuesday 3	768.45	35.79	12 AM - Mid	3,800	4,120	7,920
Wednesday 4	768.30	35.62	12 AM - Mid	3,850	4,010	7,860
Thursday 5	768.13	35.43	12 AM - Mid	4,060	4,300	8,360
Friday 6	768.01	35.29	12 AM - Mid	4,040	4,370	8,410
Saturday 7	767.73	34.97	12 AM - Mid	4,080	3,950	8,030
CHANGE IN STORAGE DURING THE WEEK		-1.23	* 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	769.96	37.54	6	2018	766.13	33.17
2	2014	768.89	36.30	7	2016	765.55	32.52
3	2022	767.73	34.97	8	2021	764.79	31.68
4	2019	767.45	34.65	9	2013	764.39	31.24
5	2020	766.91	34.04	10	2015	763.01	29.74

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: May 14, 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 7	767.73	34.97	12 AM - Mid	4,080	3,950	8,030
Sunday 8	767.62	34.85	12 AM - Mid	4,060	3,570	7,630
Monday 9	767.41	34.61	12 AM - Mid	4,040	3,140	7,180
Tuesday 10	767.23	34.40	12 AM - Mid	2,070	2,850	4,920
Wednesday 11	767.10	34.25	12 AM - Mid	1,580	2,770	4,350
Thursday 12	767.01	34.15	12 AM - Mid	1,590	2,570	4,160
Friday 13	767.08	34.23	12 AM - Mid	1,080	2,540	3,620
Saturday 14	766.93	34.06	12 AM - Mid	992	2,380	3,372
CHANGE IN STORAGE DURING THE WEEK		-0.91	* 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	768.83	36.23	6	2016	766.22	33.27
2	2014	768.15	35.45	7	2020	766.04	33.07
3	2017	767.68	34.91	8	2021	765.64	32.62
4	2022	766.93	34.06	9	2013	764.94	31.85
5	2018	766.58	33.67	10	2015	763.51	30.28

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: May 21, 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 14	766.93	34.06	12 AM - Mid	992	2,380	3,372
Sunday 15	767.01	34.15	12 AM - Mid	1,010	2,300	3,310
Monday 16	766.96	34.10	12 AM - Mid	821	2,680	3,501
Tuesday 17	767.26	34.43	12 AM - Mid	1,030	3,780	4,810
Wednesday 18	767.43	34.63	12 AM - Mid	857	4,310	5,167
Thursday 19	767.50	34.71	12 AM - Mid	1,170	3,980	5,150
Friday 20	767.62	34.85	12 AM - Mid	1,980	3,840	5,820
Saturday 21	767.73	34.97	12 AM - Mid	2,010	3,690	5,700
CHANGE IN STORAGE DURING THE WEEK		0.91	* 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	770.00	37.59	6	2020	766.63	33.73
2	2014	769.58	37.10	7	2018	766.55	33.64
3	2022	767.73	34.97	8	2021	765.85	32.86
4	2017	766.65	33.75	9	2013	765.25	32.19
5	2016	766.64	33.74	10	2015	763.82	30.62

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: May 7, 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 30	1,650.43	3.60	12 AM - Mid	360	643	2,730
Sunday 1	1,650.39	3.59	12 AM - Mid	358	539	2,280
Monday 2	1,650.34	3.58	12 AM - Mid	358	497	1,970
Tuesday 3	1,650.27	3.57	12 AM - Mid	358	493	1,880
Wednesday 4	1,650.21	3.56	12 AM - Mid	357	517	1,820
Thursday 5	1,650.17	3.55	12 AM - Mid	357	691	2,070
Friday 6	1,650.12	3.54	12 AM - Mid	261	719	2,010
Saturday 7	1,650.11	3.54	12 AM - Mid	158	605	1,820

CHANGE IN STORAGE DURING THE WEEK	-0.06	* 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	1,651.23	3.77	6	2013	1,650.28	3.57
2	2019	1,650.86	3.69	7	2016	1,650.12	3.54
3	2018	1,650.71	3.66	8	2022	1,650.11	3.54
4	2014	1,650.53	3.62	9	2020	1,650.06	3.53
5	2021	1,650.44	3.60	10	2015	1,648.72	3.27

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: May 14, 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 7	1,650.11	3.54	12 AM - Mid	158	605	1,820
Sunday 8	1,650.16	3.55	12 AM - Mid	158	505	1,540
Monday 9	1,650.19	3.55	12 AM - Mid	158	433	1,260
Tuesday 10	1,650.16	3.55	12 AM - Mid	158	404	1,290
Wednesday 11	1,650.15	3.54	12 AM - Mid	158	414	1,150
Thursday 12	1,650.12	3.54	12 AM - Mid	158	440	1,220
Friday 13	1,650.13	3.54	12 AM - Mid	158	462	1,100
Saturday 14	1,650.07	3.53	12 AM - Mid	158	496	1,200

CHANGE IN STORAGE DURING THE WEEK	-0.01	* 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	2013	1,650.76	3.67	6	2021	1,650.06	3.53
2	2019	1,650.65	3.64	7	2014	1,649.93	3.50
3	2017	1,650.29	3.57	8	2020	1,649.85	3.48
4	2016	1,650.09	3.53	9	2015	1,649.50	3.42
5	2022	1,650.07	3.53	10	2018	1,649.09	3.34

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: May 21, 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 14	1,650.07	3.53	12 AM - Mid	158	496	1,200
Sunday 15	1,650.09	3.53	12 AM - Mid	159	531	1,270
Monday 16	1,650.15	3.54	12 AM - Mid	160	748	1,540
Tuesday 17	1,650.30	3.57	12 AM - Mid	159	1,060	2,590
Wednesday 18	1,650.22	3.56	12 AM - Mid	275	1,050	2,510
Thursday 19	1,650.29	3.57	12 AM - Mid	332	813	2,240
Friday 20	1,650.21	3.56	12 AM - Mid	332	709	2,100
Saturday 21	1,650.19	3.55	12 AM - Mid	332	656	2,040

CHANGE IN STORAGE DURING THE WEEK	0.02	* 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	2014	1,650.84	3.68	6	2021	1,650.09	3.53
2	2013	1,650.76	3.67	7	2020	1,650.02	3.52
3	2022	1,650.19	3.55	8	2017	1,649.95	3.50
4	2019	1,650.17	3.55	9	2015	1,649.92	3.50
5	2016	1,650.15	3.54	10	2018	1,648.78	3.28

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: **May 7, 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 30	1,678.61	4.59	12 AM -Mid	250	652	4,820
Sunday 1	1,678.55	4.57	12 AM -Mid	600	677	4,150
Monday 2	1,678.47	4.55	12 AM -Mid	600	747	3,750
Tuesday 3	1,678.40	4.53	12 AM -Mid	600	675	3,590
Wednesday 4	1,678.32	4.51	12 AM -Mid	600	737	3,620
Thursday 5	1,678.29	4.50	12 AM -Mid	600	861	3,900
Friday 6	1,678.23	4.49	12 AM -Mid	425	725	4,080
Saturday 7	1,678.23	4.49	12 AM -Mid	300	503	3,690
CHANGE IN STORAGE DURING THE WEEK		-0.10				

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2017	1,679.12	4.73	6	2013	1,677.38	4.26
2	2014	1,678.49	4.56	7	2021	1,677.30	4.24
3	2018	1,678.36	4.52	8	2019	1,677.28	4.23
4	2022	1,678.23	4.49	9	2020	1,673.46	3.30
5	2016	1,677.75	4.36	10	2015	1,672.42	3.06

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: [May 14, 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 7	1,678.23	4.49	12 AM -Mid	300	512	3,690
Sunday 8	1,678.21	4.48	12 AM -Mid	300	490	3,300
Monday 9	1,678.20	4.48	12 AM -Mid	300	344	2,850
Tuesday 10	1,678.17	4.47	12 AM -Mid	300	420	2,680
Wednesday 11	1,678.14	4.46	12 AM -Mid	300	338	2,440
Thursday 12	1,678.12	4.45	12 AM -Mid	300	466	2,320
Friday 13	1,678.09	4.45	12 AM -Mid	300	359	2,180
Saturday 14	1,678.05	4.43	12 AM -Mid	300	330	2,100

CHANGE IN STORAGE DURING THE WEEK	-0.05
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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	1,679.24	4.76	6	2016	1,677.77	4.36
2	2014	1,678.54	4.57	7	2018	1,677.68	4.34
3	2019	1,678.46	4.55	8	2013	1,677.38	4.26
4	2022	1,678.05	4.43	9	2020	1,673.90	3.40
5	2021	1,677.99	4.42	10	2015	1,672.75	3.14

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: **May 21, 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 14	1,678.05	4.43	12 AM -Mid	300	330	2,100
Sunday 15	1,678.03	4.43	12 AM -Mid	300	402	2,250
Monday 16	1,678.03	4.43	12 AM -Mid	300	485	2,860
Tuesday 17	1,678.06	4.44	12 AM -Mid	300	593	3,160
Wednesday 18	1,678.15	4.46	12 AM -Mid	300	602	3,520
Thursday 19	1,678.18	4.47	12 AM -Mid	300	587	3,560
Friday 20	1,678.26	4.49	12 AM -Mid	300	610	3,700
Saturday 21	1,678.31	4.51	12 AM -Mid	300	568	3,420

CHANGE IN STORAGE DURING THE WEEK	0.07
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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	1,679.24	4.76	6	2016	1,677.73	4.35
2	2014	1,678.95	4.68	7	2013	1,677.48	4.29
3	2017	1,678.67	4.60	8	2018	1,677.27	4.23
4	2022	1,678.31	4.51	9	2020	1,674.55	3.55
5	2021	1,678.24	4.49	10	2015	1,673.10	3.21

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: May 7, 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 30	1,706.52	0.859	8	1,784.87	0.266	8
Sunday 1	1,706.57	0.866	8	1,784.91	0.267	8
Monday 2	1,706.60	0.870	8	1,784.94	0.268	8
Tuesday 3	1,706.65	0.878	8	1,784.97	0.269	8
Wednesday 4	1,706.69	0.883	8	1,785.01	0.270	8
Thursday 5	1,706.76	0.893	8	1,785.07	0.272	8
Friday 6	1,706.80	0.897	22	1,785.10	0.273	6
Saturday 7	1,706.84	0.903	24	1,785.15	0.275	4
CHANGE IN STORAGE		0.043			0.009	

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	1,706.84	0.903	1	2019	1,785.77	0.295
2	2019	1,706.72	0.888	2	2021	1,785.66	0.291
3	2021	1,706.69	0.882	3	2022	1,785.15	0.275
4	2020	1,705.97	0.786	4	2018	1,784.27	0.247
5	2018	1,705.46	0.720	5	2020	1,783.78	0.232

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: [May 14, 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 7	1,706.84	0.903	24	1,785.15	0.275	4
Sunday 8	1,706.82	0.900	24	1,785.17	0.275	4
Monday 9	1,706.83	0.901	24	1,785.20	0.276	4
Tuesday 10	1,706.85	0.904	24	1,785.23	0.277	4
Wednesday 11	1,706.85	0.904	14	1,785.26	0.278	4
Thursday 12	1,706.86	0.905	8	1,785.25	0.278	4
Friday 13	1,706.86	0.905	17	1,785.28	0.279	4
Saturday 14	1,706.87	0.907	24	1,785.30	0.280	4
CHANGE IN STORAGE		0.004			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	2019	1,707.04	0.930	1	2019	1,786.02	0.303
2	2022	1,706.87	0.907	2	2021	1,785.88	0.298
3	2021	1,706.80	0.897	3	2022	1,785.30	0.280
4	2020	1,706.21	0.819	4	2018	1,784.80	0.264
5	2018	1,705.76	0.759	5	2020	1,783.96	0.237

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: [May 21, 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 14	1,706.87	0.907	24	1,785.30	0.280	4
Sunday 15	1,706.92	0.915	24	1,785.37	0.282	4
Monday 16	1,706.94	0.917	60	1,785.41	0.283	4
Tuesday 17	1,706.92	0.915	85	1,785.49	0.286	4
Wednesday 18	1,706.98	0.923	85	1,785.58	0.289	4
Thursday 19	1,706.97	0.922	85	1,785.62	0.290	4
Friday 20	1,706.99	0.924	85	1,785.71	0.293	4
Saturday 21	1,706.97	0.922	85	1,785.77	0.295	4
CHANGE IN STORAGE		0.015			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	2022	1,706.97	0.922	1	2019	1,786.23	0.309
2	2021	1,706.83	0.901	2	2021	1,785.91	0.299
3	2019	1,706.80	0.897	3	2022	1,785.77	0.295
4	2020	1,706.48	0.855	4	2018	1,785.25	0.278
5	2018	1,706.10	0.802	5	2020	1,784.22	0.245

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

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

- Road maintenance, raked
- Covid 19 regulation.
- Spring cleanup at BRFO-SW dam
- Cleared vegetation from dam
- Brush removal at SW
- Completed work on BRAO shelving
- Material pricing for future projects
- Maintenance performed on stop gate at SW
- Pressure washer fish racks at SL
- Installed log booms OF
- Cleaned weirs of material SW w/MM
- Vehicle maintenance/repairs
- 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.