

**REPORT OF CHIEF ENGINEER**  
**HUDSON RIVER - BLACK RIVER REGULATING DISTRICT**  
**BOARD MEETING**  
**MARCH 9, 2021 – MAYFIELD**

**HUDSON RIVER AREA - FEBRUARY SUMMARY**

**Reservoir Operation**

Great Sacandaga Lake

The February average daily release from the Sacandaga Reservoir (Great Sacandaga Lake) was approximately 980 cubic feet per second (cfs). The Upper Hudson / Sacandaga River Offer of Settlement target elevation for February 28 is 749.46 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) <sup>(4)</sup>	Deviation (ft) (1)		Release (cfs)	
		From Average	From Offer of Settlement	Conklingville Dam	E.J. West (2) Hydro Plant
Jan. 31	750.54	+0.18	+0.04	0	1,320
Feb. 28	749.5 (e)	+2.6 (e)	+0.0 (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 North American Vertical Datum

Indian Lake Reservoir

The February average daily release from Indian Lake was approximately 295 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	
Jan. 31	1,641.22	-0.44	+2.07	309
Feb. 28	1,638.0 (e)	-2.0 (e)	+0.1 (e)	293 (e)

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

## HUDSON RIVER AREA - FEBRUARY SUMMARY- continued

### River Flow

Hudson River flow, downstream of the confluence with the Sacandaga River, was approximately 2,170 cfs on February 21 and approximately 2,690 cfs below the historic average flow.

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

<b>River</b>	<b>Monthly Average Flow (cfs)</b>	<b>Historic Average Flow (2) (cfs)</b>
<b>Sacandaga</b> at Hope	620 (e)	729
<b>Sacandaga</b> at Stewarts Bridge	980 (e)	2,800
<b>Indian</b> at Indian Lake Dam	295 (e)	394
<b>Hudson</b> at Hadley (1)	1,200 (e)	2,050

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

### Precipitation

Monthly total precipitation measured 74%, 62%, and 63% historic average at Indian Lake, Mayfield, and Conklingville, respectively, as of February 21

Table 4.0 - *Hudson River Basin Precipitation - as of February 21*

<b>Station</b>	<b>Monthly Total (inch)</b>	<b>Historic Average (inch)</b>
<b>Indian Lake</b>	1.72	2.32
<b>Mayfield</b>	1.79	2.91
<b>Conklingville</b>	1.87	2.96

## **HUDSON RIVER AREA - FEBRUARY SUMMARY- continued**

### **Operation Overview**

Precipitation during the month of February was below normal across the Great Sacandaga Lake watershed and below average in the Indian Lake watershed. The monthly inflow to Great Sacandaga Lake and Indian Lake reservoir was approximately 38% and 41% of historic average, respectively. Monthly release of water from Great Sacandaga Lake and Indian Lake measured 35% and 90% of historic average, respectively.

### **Great Sacandaga Lake Operation**

Great Sacandaga Lake operation summary report for the period February 1, 2021 through February 23, 2020 is attached. This report includes estimated forecast values for dates after February 21, 2021.

### **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 – FEBRUARY SUMMARY

### Reservoir Operations

#### Stillwater Reservoir

The February average daily release from Stillwater Reservoir was approximately 380 cfs. The maximum discharge for the month was 500 cfs.

Table 1.0 - *Stillwater Reservoir Elevation and Release*

Date	Daily Average Elevation (ft, NAVD)	Deviation from Average Elevation (ft) (1)	Release (cfs)
Jan. 31	1,667.47	-2.26	300
Feb. 28	1,663.8 (e)	-2.5 (e)	500 (e)

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

#### Sixth Lake Reservoir

The February average daily release from Sixth Lake Reservoir was approximately 18 cfs.

Table 2.0 - *Sixth Lake Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Jan. 31	1,780.57	-1.56	19
Feb. 28	1,780.1 (e)	-1.9 (e)	18 (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 February average daily release from Old Forge Reservoir was approximately 76 cfs.

Table 3.0 - *Old Forge Reservoir Elevation and Release*

Date	Elevation (1) (ft, NAVD)	Deviation from Average Elevation (2) (ft)	Release (cfs)
Jan. 31	1,703.79	-0.21	79
Feb. 28	1,703.0 (e)	-0.7 (e)	72

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

## BLACK RIVER AREA - FEBRUARY SUMMARY - continued

### River Flow

The average daily Black River flow, as measured at the Watertown gauge, was approximately 2,030 cfs on February 20

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

<b>River</b>	<b>Monthly Average Flow (cfs)</b>	<b>Historic Average Flow (1) (cfs)</b>
<b>Moose</b> at McKeever	1,270 (e)	827
<b>Beaver</b> at Croghan	480 (e)	720
<b>Black</b> at Watertown	1,950 (e)	3,770

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

### Precipitation

Monthly total precipitation measured 54%, 64%, 56% of historic average at Stillwater, Old Forge, and Sixth Lake, respectively, as of February 20.

Table 5.0 - *Black River Basin Precipitation - as of February 20*

<b>Station</b>	<b>Monthly Total (inch)</b>	<b>Historic Average (inch)</b>
<b>Stillwater</b>	1.54	2.86
<b>Old Forge</b>	2.02	3.17
<b>Sixth Lake</b>	1.48	2.65

## **BLACK RIVER AREA - FEBRUARY SUMMARY - continued**

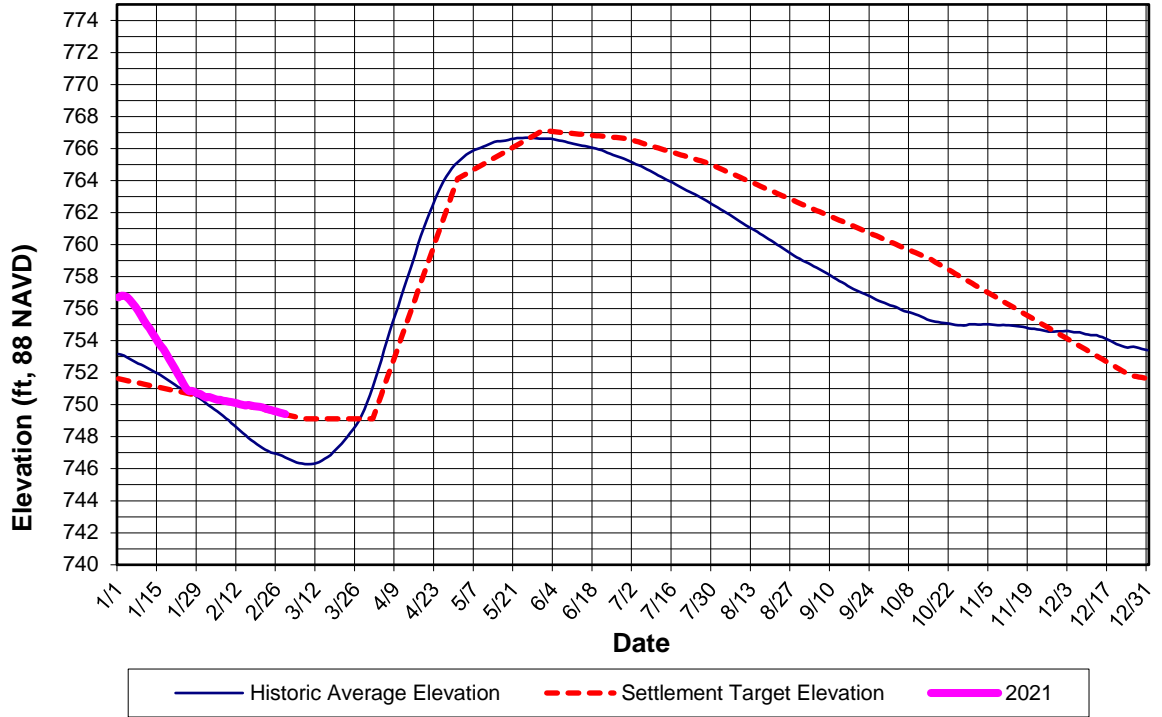
### **Operation Overview**

Precipitation in the month of February was below average at Stillwater, Old Forge, and Sixth Lake Dam. The monthly inflow to Stillwater Reservoir was approximately 30% of historic average. The inflow to Sixth Lake and Old Forge Reservoir totaled 0.03 and 0.08 billion cubic feet, respectively, in February. Release of water from Stillwater Reservoir averaged 67% of historic discharge.

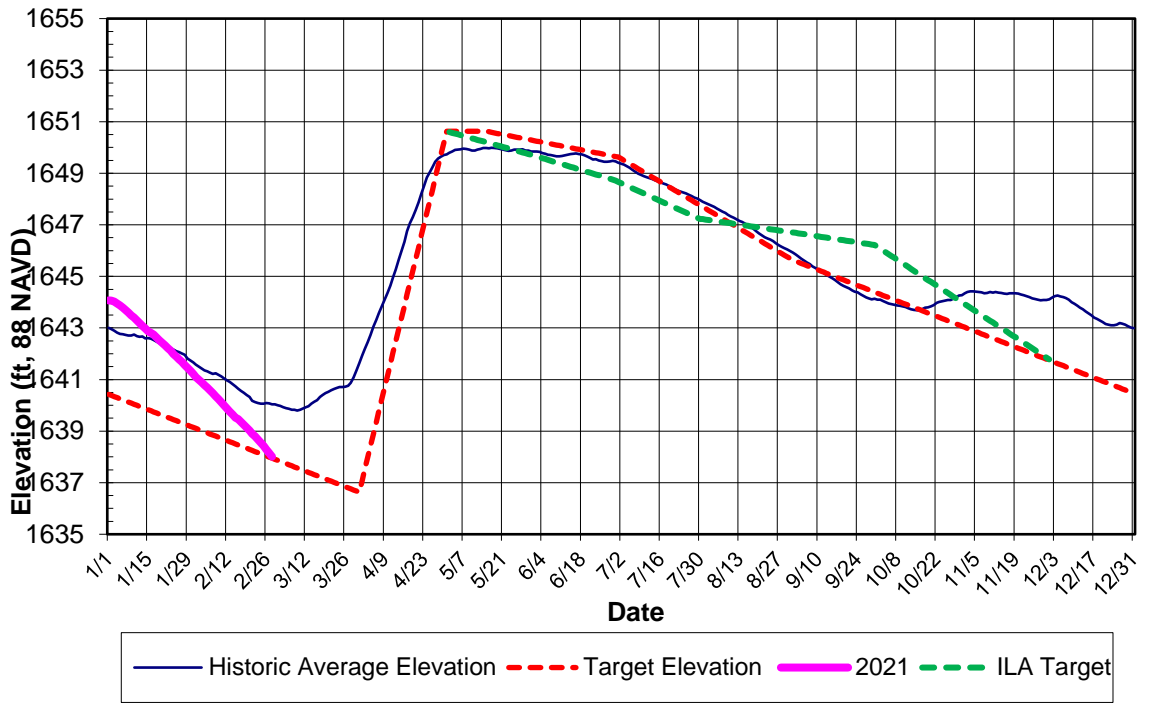
### **Black River Area Staff Activities**

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

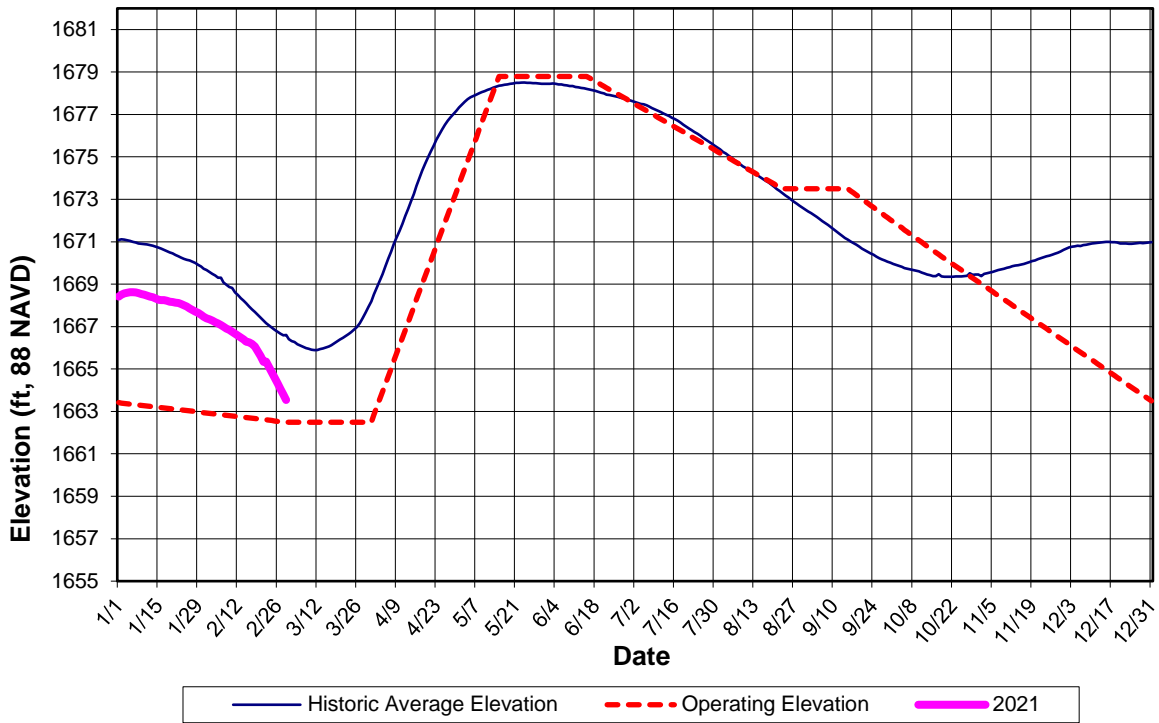
### Great Sacandaga Lake 2021 Reservoir Elevation



### Indian Lake 2021 Reservoir Elevation

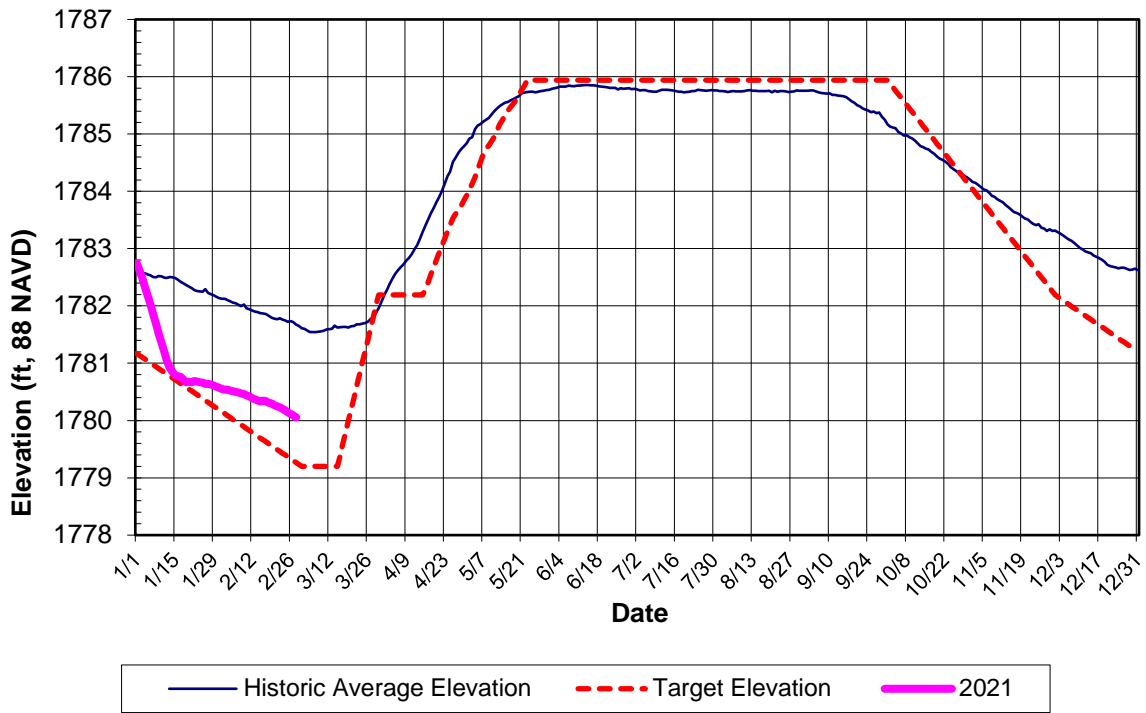


### Stillwater Reservoir 2021 Reservoir Elevation

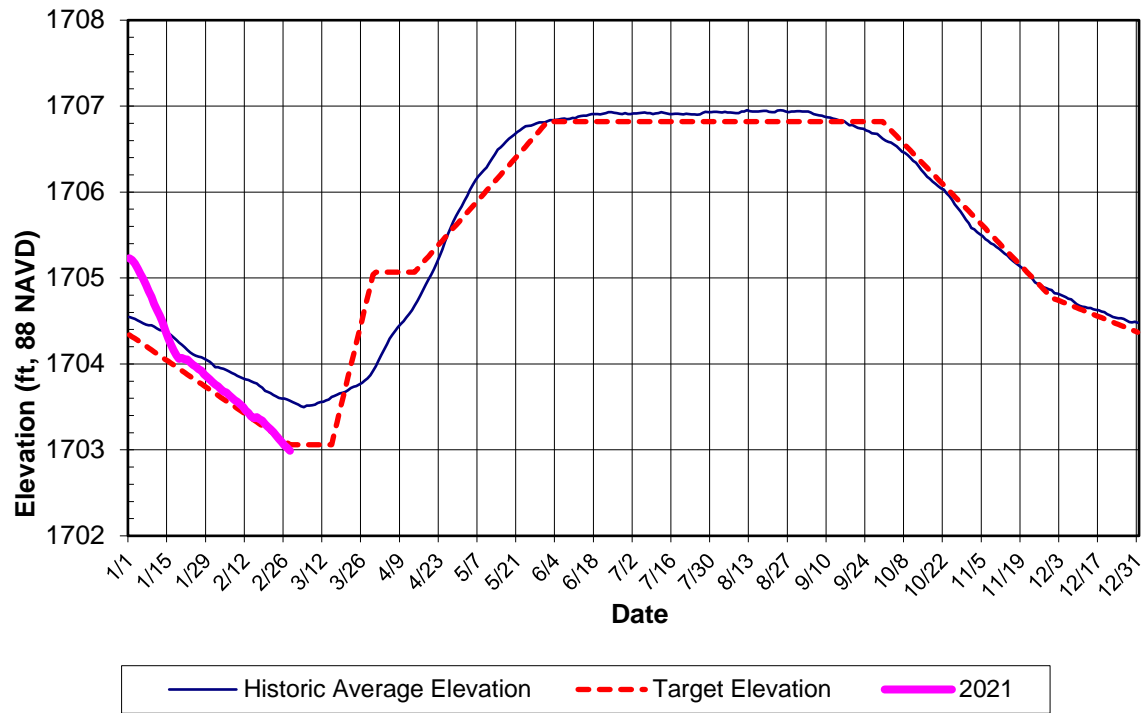




### Sixth Lake 2021 Reservoir Elevation



### Old Forge 2021 Reservoir Elevation



**SACANDAGA RESERVOIR ELEVATION CALCULATOR**

Datum:  
**1988 NAVD**

Settlement Parameters	
Date	2/22/2021
Target Elevation	749.68
Actual "Level"	3.00
"Level 2.5 threshold"	
"Level 1.2 threshold"	740.58
Hudson River Target	
	Elevation Level
Maximum Flow (cfs)	6000 7500
Minimum Flow (cfs)	n/a 2000
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	2/22/2021
Day of Year	5167
Starting Elevation (ft)	749.78
Average Elevation	749.76
Flow Below Hadley (cfs)	2000
Todays Release	800
Tomorrows Release	800

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

Dan McCarty 744-2067 Eric Johnson  
Piezometers 749.76 518-696-5807 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 (Table F - Elev.)				Minimum (Table C - Level)	Maximum (Table D - Elev.)	Maximum (Table E - Level)						
2/1/2021	750.42	1500	1390	0	0	1390	4000	3.00	1200	2590	2000	6000	7500	750.43	2/2/2021	750.43	750.46	750.21
2/2/2021	750.43	1200	1430	0	0	1430	4000	3.00	1200	2630	2000	6000	7500	750.40	2/3/2021	750.42	750.43	750.07
2/3/2021	750.40	1000	1400	0	0	1400	4000	3.00	1200	2600	2000	6000	7500	750.36	2/4/2021	750.38	750.39	749.94
2/4/2021	750.36	700	1260	0	0	1260	4000	3.00	1200	2460	2000	6000	7500	750.30	2/5/2021	750.33	750.35	749.83
2/5/2021	750.30	1000	969	0	0	969	4000	3.00	1200	2169	2000	6000	7500	750.30	2/6/2021	750.30	750.31	749.71
2/6/2021	750.30	500	977	0	0	977	4000	3.00	1200	2177	2000	6000	7500	750.25	2/7/2021	750.28	750.28	749.56
2/7/2021	750.25	900	984	0	0	984	4000	3.00	1200	2184	2000	6000	7500	750.24	2/8/2021	750.25	750.24	749.41
2/8/2021	750.24	600	971	0	0	971	4000	3.00	1200	2171	2000	6000	7500	750.20	2/9/2021	750.22	750.20	749.27
2/9/2021	750.20	700	968	0	0	968	4000	3.00	1200	2168	2000	6000	7500	750.17	2/10/2021	750.19	750.16	749.13
2/10/2021	750.17	600	967	0	0	967	4000	3.00	1200	2167	2000	6000	7500	750.13	2/11/2021	750.15	750.13	748.97
2/11/2021	750.13	600	967	0	0	967	4000	3.00	1200	2167	2000	6000	7500	750.09	2/12/2021	750.11	750.09	748.81
2/12/2021	750.09	500	958	0	0	958	4000	3.00	1200	2158	2000	6000	7500	750.04	2/13/2021	750.07	750.05	748.66
2/13/2021	750.04	600	947	0	0	947	4000	3.00	1200	2147	2000	6000	7500	750.00	2/14/2021	750.02	750.02	748.50
2/14/2021	750.00	700	964	0	0	964	4000	3.00	1200	2164	2000	6000	7500	749.97	2/15/2021	749.99	749.98	748.34
2/15/2021	749.97	500	933	0	0	933	4000	3.00	1200	2133	2000	6000	7500	749.92	2/16/2021	749.95	749.94	748.18
2/16/2021	749.92	1200	978	0	0	978	4000	3.00	1200	2178	2000	6000	7500	749.94	2/17/2021	749.93	749.90	748.04
2/17/2021	749.94	700	974	0	0	974	4000	3.00	1200	2174	2000	6000	7500	749.91	2/18/2021	749.93	749.87	747.89
2/18/2021	749.91	700	977	0	0	977	4000	3.00	1200	2177	2000	6000	7500	749.88	2/19/2021	749.90	749.83	747.76
2/19/2021	749.88	800	830	0	0	830	4000	3.00	1200	2030	2000	6000	7500	749.87	2/20/2021	749.88	749.79	747.63
2/20/2021	749.87	600	970	0	0	970	4000	3.00	1200	2170	2000	6000	7500	749.83	2/21/2021	749.85	749.75	747.50
2/21/2021	749.83	500	969	0	0	969	4000	3.00	1200	2169	2000	6000	7500	749.78	2/22/2021	749.81	749.72	747.39
2/22/2021	749.78	400	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.74	2/23/2021	749.76	749.68	747.28
2/23/2021	749.74	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.69	2/24/2021	749.72	749.64	747.20
2/24/2021	749.69	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.64	2/25/2021	749.67	749.61	747.11
2/25/2021	749.64	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.59	2/26/2021	749.62	749.57	747.05
2/26/2021	749.59	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.54	2/27/2021	749.57	749.53	747.01
2/27/2021	749.54	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.49	2/28/2021	749.52	749.49	746.96
2/28/2021	749.49	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.44	3/1/2021	749.47	749.46	746.89
3/1/2021	749.44	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.39	3/2/2021	749.42	749.38	746.78
3/2/2021	749.39	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.34	3/3/2021	749.37	749.34	746.70
3/3/2021	749.34	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.29	3/4/2021	749.32	749.31	746.62
3/4/2021	749.29	300	800	0	0	800	4000	3.00	1200	2000	2000	6000	7500	749.24	3/5/2021		749.23	746.54
6/6/2020	767.29	300	1000	0	0	1000	5487	3.00	500	1500	2000	8000	7500	777.12	3/15/2019	#N/A	#N/A	

500

Signature: \_\_\_\_\_

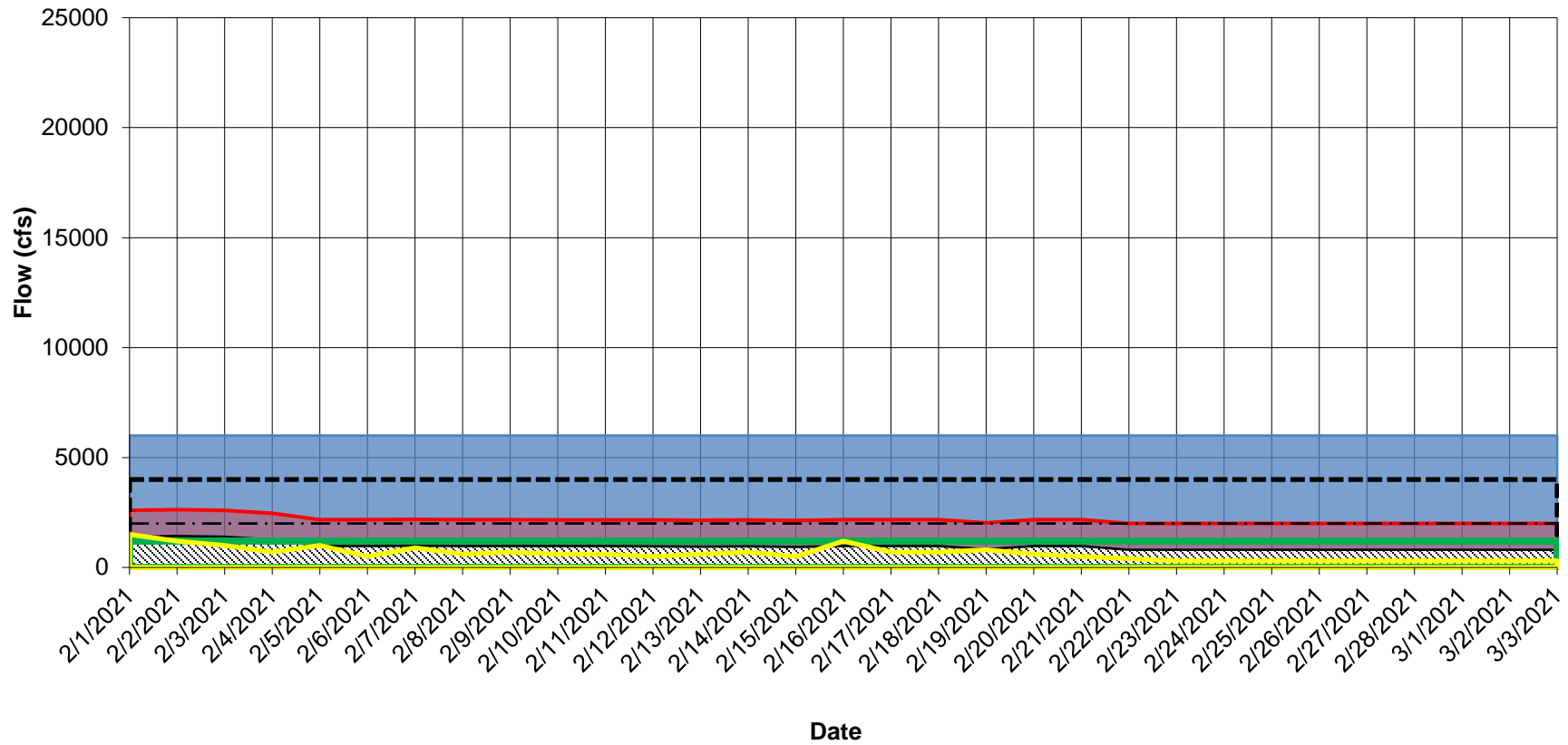
Date: \_\_\_\_\_

**GREAT SACANDAGA LAKE  
RESERVOIR OPERATION SUMMARY**

Print Date: 2/22/2021  
 Period of Record: 2/1/2021 to 3/1/2021

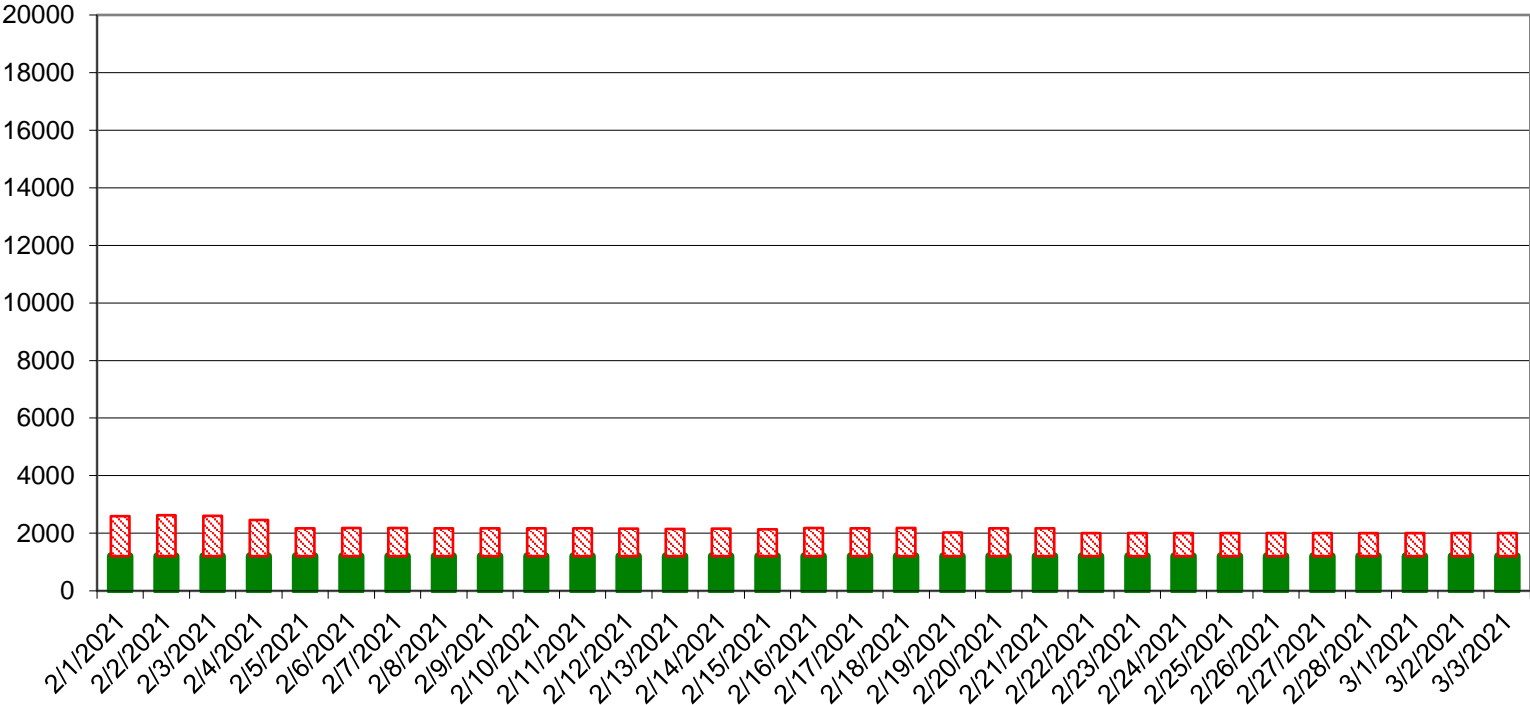
Starting Date 12:00 AM	Daily Avg. Elevation	Net Average Inflow	<b>Sacandaga River Flow</b> Average Release	Maximum (Table F - Elev.)	Settlement Level	Hudson at Hadley	Hudson River Below Confluence	<b>Hudson River Target Flow</b> Minimum (Table B - Level)	Maximum (Table D & E)	Maximum Allowable Sacandaga
2/1/2021	750.43	1500	1390	4000	3.00	1200	2590	2000	6000	4000
2/2/2021	750.42	1200	1430	4000	3.00	1200	2630	2000	6000	4000
2/3/2021	750.38	1000	1400	4000	3.00	1200	2600	2000	6000	4000
2/4/2021	750.33	700	1260	4000	3.00	1200	2460	2000	6000	4000
2/5/2021	750.30	1000	969	4000	3.00	1200	2169	2000	6000	4000
2/6/2021	750.28	500	977	4000	3.00	1200	2177	2000	6000	4000
2/7/2021	750.25	900	984	4000	3.00	1200	2184	2000	6000	4000
2/8/2021	750.22	600	971	4000	3.00	1200	2171	2000	6000	4000
2/9/2021	750.19	700	968	4000	3.00	1200	2168	2000	6000	4000
2/10/2021	750.15	600	967	4000	3.00	1200	2167	2000	6000	4000
2/11/2021	750.11	600	967	4000	3.00	1200	2167	2000	6000	4000
2/12/2021	750.07	500	958	4000	3.00	1200	2158	2000	6000	4000
2/13/2021	750.02	600	947	4000	3.00	1200	2147	2000	6000	4000
2/14/2021	749.99	700	964	4000	3.00	1200	2164	2000	6000	4000
2/15/2021	749.95	500	933	4000	3.00	1200	2133	2000	6000	4000
2/16/2021	749.93	1200	978	4000	3.00	1200	2178	2000	6000	4000
2/17/2021	749.93	700	974	4000	3.00	1200	2174	2000	6000	4000
2/18/2021	749.90	700	977	4000	3.00	1200	2177	2000	6000	4000
2/19/2021	749.88	800	830	4000	3.00	1200	2030	2000	6000	4000
2/20/2021	749.85	600	970	4000	3.00	1200	2170	2000	6000	4000
2/21/2021	749.81	500	969	4000	3.00	1200	2169	2000	6000	4000
2/22/2021	749.76	400	800	4000	3.00	1200	2000	2000	6000	4000
2/23/2021	749.72	300	800	4000	3.00	1200	2000	2000	6000	4000
2/24/2021	749.67	300	800	4000	3.00	1200	2000	2000	6000	4000
2/25/2021	749.62	300	800	4000	3.00	1200	2000	2000	6000	4000
2/26/2021	749.57	300	800	4000	3.00	1200	2000	2000	6000	4000
2/27/2021	749.52	300	800	4000	3.00	1200	2000	2000	6000	4000
2/28/2021	749.47	300	800	4000	3.00	1200	2000	2000	6000	4000
3/1/2021	749.42	300	800	4000	3.00	1200	2000	2000	6000	4000
3/2/2021	749.37	300	800	4000	3.00	1200	2000	2000	6000	4000
3/3/2021	749.32	300	800	4000	3.00	1200	2000	2000	6000	4000

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



### Great Sacandaga Lake GSL Release and Natural Hudson River Flow

Total Flow Below Confluence (cfs)



Date



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

Monthly Report for: January 2021

Day	Sacandaga Reservoir Elevation Average Daily	Sacandaga Reservoir Elevation Midnight	Sacandaga River Near Hope cfs	Reservoir Inflow Hope x 2.0845 cfs	Sacandaga River at Stewarts Bridge cfs	Hudson River at Hadley cfs	Regulated Hudson River below confluence cfs
1	756.71	756.72	1570	3273	1740	4850	6590
2	756.81	756.76	1360	2835	2620	4530	7150
3	756.80	756.81	1230	2564	3100	4170	7270
4	756.74	756.81	1110	2314	3620	3920	7540
5	756.56	756.67	1010	2105	4200	3490	7690
6	756.35	756.45	776	1618	4200	3220	7420
7	756.13	756.26	628	1309	4210	2870	7080
8	755.86	756.02	557	1161	4370	2490	6860
9	755.56	755.70	544	1134	4400	2210	6610
10	755.28	755.41	501	1044	4350	2020	6370
11	755.01	755.13	529	1103	3330	1940	5270
12	754.78	754.87	547	1140	4150	1970	6120
13	754.49	754.64	524	1092	4200	1960	6160
14	754.21	754.36	473	986	4190	1900	6090
15	753.91	754.07	433	903	4090	1820	5910
16	753.68	753.77	433	903	4030	1760	5790
17	753.46	753.58	431	898	4030	1730	5760
18	753.16	753.30	396	825	4130	1630	5760
19	752.85	752.99	377	786	4170	1560	5730
20	752.55	752.73	366	763	4070	1430	5500
21	752.24	752.43	351	732	4080	1280	5360
22	751.94	752.08	369	769	4090	1300	5390
23	751.64	751.79	367	765	4090	1240	5330
24	751.31	751.48	390	813	4080	1220	5300
25	751.01	751.15	300	625	3250	1000	4250
26	750.85	750.82	300	625	1330	800	2130
27	750.86	750.78	300	625	1320	600	1920
28	750.81	750.80	300	625	1320	400	1720
29	750.71	750.73	300	625	1310	300	1610
30	750.66	750.64	300	625	1320	300	1620
31	750.54	750.55	300	625	1320	300	1620

AVERAGE 560 1170 3380 1940 5320

CHANGE IN STORAGE DURING THE MONTH -6.04 B.C.F.

Hope gauge affected by ice  
 Hadley gauge affected by ice

\_\_\_\_\_  
 CHIEF ENGINEER

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

Monthly Report for: January, 2021

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	1644.07	1644.06	309	329	471	1890
2	1644.06	1644.05	349	329	406	1640
3	1644.02	1644.06	191	329	356	1540
4	1643.95	1643.99	172	329	314	1410
5	1643.88	1643.91	172	329	282	1320
6	1643.79	1643.83	172	329	252	1220
7	1643.70	1643.75	130	329	227	1040
8	1643.60	1643.65	144	329	206	922
9	1643.49	1643.55	125	329	191	880
10	1643.40	1643.44	144	329	181	882
11	1643.29	1643.35	162	329	171	898
12	1643.19	1643.25	125	329	164	881
13	1643.08	1643.14	88	329	158	863
14	1642.98	1643.01	158	325	152	854
15	1642.87	1642.92	156	323	147	823
16	1642.81	1642.83	151	318	149	837
17	1642.74	1642.74	258	314	156	845
18	1642.63	1642.71	54	313	154	848
19	1642.52	1642.57	146	313	142	837
20	1642.42	1642.48	128	313	141	805
21	1642.32	1642.38	108	312	136	737
22	1642.23	1642.27	107	311	137	740
23	1642.12	1642.16	142	309	135	708
24	1641.99	1642.07	68	309	128	673
25	1641.89	1641.94	124	309	123	720
26	1641.78	1641.84	105	309	120	710
27	1641.69	1641.73	124	309	122	700
28	1641.57	1641.63	124	309	121	690
29	1641.46	1641.53	68	309	116	680
30	1641.34	1641.40	87	309	111	670
31	1641.22	1641.28	87	309	106	660

AVERAGE	145	319	186	933
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CHANGE IN STORAGE DURING THE MONTH -0.468 B.C.F

North Creek gauge affected by ice

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CHIEF ENGINEER

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

Monthly Report for: January 2021

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	1668.41	1668.38	415	300	707	410	5730
2	1668.50	1668.44	491	300	776	464	4720
3	1668.57	1668.54	396	300	849	488	4750
4	1668.60	1668.59	338	300	678	543	4720
5	1668.62	1668.61	319	300	500	479	4420
6	1668.62	1668.62	281	300	496	486	3930
7	1668.61	1668.61	281	300	415	457	3450
8	1668.58	1668.60	243	300	337	393	2930
9	1668.54	1668.57	223	300	296	433	2290
10	1668.50	1668.53	204	300	385	471	2490
11	1668.46	1668.48	204	300	446	396	2640
12	1668.42	1668.43	243	300	424	375	2660
13	1668.38	1668.40	204	300	382	400	2580
14	1668.32	1668.35	185	300	370	409	2510
15	1668.27	1668.29	185	300	360	392	2540
16	1668.25	1668.23	357	300	378	406	2520
17	1668.25	1668.26	262	300	396	351	2570
18	1668.22	1668.24	204	300	375	353	2530
19	1668.17	1668.19	281	300	327	404	2540
20	1668.16	1668.18	223	300	342	371	2360
21	1668.12	1668.14	262	300	300	447	2100
22	1668.11	1668.12	262	300	300	417	2220
23	1668.07	1668.10	185	300	300	426	2100
24	1668.01	1668.04	185	300	300	533	2270
25	1667.94	1667.98	128	300	300	486	2290
26	1667.85	1667.89	166	300	300	431	2120
27	1667.78	1667.82	166	300	300	421	2020
28	1667.71	1667.75	166	300	300	429	2190
29	1667.64	1667.68	166	300	300	461	2240
30	1667.56	1667.61	128	300	300	426	2300
31	1667.47	1667.52	128	300	300	408	2160

AVERAGE	241	300	400	430	2870
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CHANGE IN STORAGE DURING THE MONTH -0.16 B.C.F.

Boonville gauge affected by ice

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CHIEF ENGINEER



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

Monthly Report for: January, 2021

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow (cfs)	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1782.75	1782.83	43	1.33	1.33	104
2	1782.63	1782.66	70	1.33	1.33	102
3	1782.49	1782.57	44	1.33	1.33	101
4	1782.34	1782.41	44	1.33	1.33	99
5	1782.18	1782.26	42	1.33	1.33	98
6	1782.02	1782.10	40	1.33	1.33	96
7	1781.86	1781.94	36	1.33	1.33	95
8	1781.69	1781.77	35	1.33	1.33	93
9	1781.52	1781.61	31	1.33	1.33	91
10	1781.36	1781.44	34	1.33	1.33	90
11	1781.20	1781.28	32	1.33	1.33	88
12	1781.04	1781.12	30	1.33	1.33	86
13	1780.92	1780.96	33	0.50	0.67	57
14	1780.85	1780.89	18	0.50	0.67	42
15	1780.79	1780.82	18	0.50	0.67	42
16	1780.77	1780.75	49	0.50	0.67	42
17	1780.76	1780.77	32	0.50	0.67	42
18	1780.71	1780.74	21	0.50	0.67	42
19	1780.67	1780.68	29	0.25	0.25	29
20	1780.68	1780.68	16	0.25	0.25	19
21	1780.67	1780.67	22	0.25	0.25	19
22	1780.69	1780.68	22	0.25	0.25	19
23	1780.68	1780.69	12	0.25	0.25	19
24	1780.67	1780.67	16	0.25	0.25	19
25	1780.66	1780.66	16	0.25	0.25	19
26	1780.64	1780.65	16	0.25	0.25	19
27	1780.64	1780.64	19	0.25	0.25	19
28	1780.63	1780.64	12	0.25	0.25	19
29	1780.61	1780.62	12	0.25	0.25	19
30	1780.59	1780.60	12	0.25	0.25	19
31	1780.57	1780.58	12	0.25	0.25	19

AVERAGE 28 54

CHANGE IN STORAGE DURING THE MONTH -0.069 B.C.F

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 CHIEF ENGINEER

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

Monthly Report for: January, 2021

Day	Reservoir Elevation Average Daily	Reservoir Elevation Midnight	Net Reservoir Inflow (cfs)	Gate Opening (ft)		Reservoir Release (cfs)
				Gate A	Gate B	
1	1705.23	1705.31	150	2.50	2.50	210
2	1705.21	1705.27	195	2.50	2.50	210
3	1705.17	1705.25	134	2.50	2.50	209
4	1705.11	1705.20	117	2.50	2.50	207
5	1705.05	1705.14	101	2.50	2.50	206
6	1704.99	1705.08	115	2.50	2.50	205
7	1704.92	1705.02	113	2.50	2.50	203
8	1704.85	1704.95	51	2.50	2.50	201
9	1704.78	1704.86	109	2.50	2.50	199
10	1704.70	1704.80	107	2.50	2.50	197
11	1704.63	1704.73	91	2.50	2.50	196
12	1704.56	1704.66	59	2.50	2.50	194
13	1704.49	1704.58	87	2.50	2.50	192
14	1704.39	1704.50	39	2.50	2.50	189
15	1704.30	1704.40	53	2.50	2.50	188
16	1704.23	1704.32	69	2.50	2.50	186
17	1704.16	1704.23	126	2.50	2.50	184
18	1704.10	1704.19	55	2.50	2.50	180
19	1704.06	1704.12	73	0.83	0.83	119
20	1704.07	1704.09	39	0.83	0.83	82
21	1704.05	1704.06	53	0.83	0.83	82
22	1704.05	1704.04	96	0.83	0.83	82
23	1704.02	1704.05	39	0.83	0.83	82
24	1703.99	1704.01	38	0.83	0.83	81
25	1703.97	1703.98	38	0.83	0.83	81
26	1703.94	1703.95	67	0.83	0.83	81
27	1703.92	1703.94	38	0.83	0.83	81
28	1703.88	1703.91	8	0.83	0.83	80
29	1703.85	1703.87	37	0.83	0.83	80
30	1703.82	1703.84	37	0.83	0.83	80
31	1703.79	1703.81	36	0.83	0.83	79

AVERAGE 76 150

CHANGE IN STORAGE DURING THE MONTH -0.197 B.C.F

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 CHIEF ENGINEER

STATE OF NEW YORK  
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
**SACANDAGA RESERVOIR OPERATION**  
FOR WEEK ENDING: February 6, 2021

DATE	SACANDAGA RESERVOIR			HUDSON RIVER FLOW		
	WATER SURFACE ELEV. 12 A.M.	TOTAL STORAGE B.C.F. <sup>(1)</sup>	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	HADLEY AVG. DAILY C.F.S.	SPIER FALLS AVG. DAILY C.F.S.
Saturday 30	750.64	17.33	12 AM - Mid	1,320	1,160	2,480
Sunday 31	750.55	17.25	12 AM - Mid	1,320	1,170	2,490
Monday 1	750.42	17.13	12 AM - Mid	1,390	1,200	2,590
Tuesday 2	750.43	17.14	12 AM - Mid	1,430	1,200	2,630
Wednesday 3	750.39	17.10	12 AM - Mid	1,400	1,200	2,600
Thursday 4	750.36	17.07	12 AM - Mid	1,260	1,200	2,460
Friday 5	750.24	16.96	12 AM - Mid	969	1,200	2,169
Saturday 6	750.26	16.98	12 AM - Mid	977	1,200	2,177
CHANGE IN STORAGE DURING THE WEEK		-0.35	* SACANDAGA RIVER AT STEWARTS BRIDGE INCLUDES 350 CFS MINIMUM CONTINUOUS RELEASE			

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	761.59	28.21	6	2013	751.69	18.30
2	2020	759.77	26.29	7	2017	750.50	17.20
3	2018	753.23	19.76	8	2021	750.26	16.98
4	2016	752.04	18.63	9	2014	749.93	16.68
5	2012	751.90	18.50	10	2015	749.64	16.42

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

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CHIEF ENGINEER

STATE OF NEW YORK  
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
**SACANDAGA RESERVOIR OPERATION**  
 FOR WEEK ENDING: February 13, 2021

DATE	SACANDAGA RESERVOIR			HUDSON RIVER FLOW		
	WATER SURFACE ELEV. 12 A.M.	TOTAL STORAGE B.C.F. <sup>(1)</sup>	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	HADLEY AVG. DAILY C.F.S.	SPIER FALLS AVG. DAILY C.F.S.
Saturday 6	750.26	16.98	12 AM - Mid	977	1,200	2,177
Sunday 7	750.25	16.97	12 AM - Mid	984	1,200	2,184
Monday 8	750.25	16.97	12 AM - Mid	971	1,200	2,171
Tuesday 9	750.24	16.96	12 AM - Mid	968	1,200	2,168
Wednesday 10	750.17	16.90	12 AM - Mid	967	1,200	2,167
Thursday 11	750.13	16.86	12 AM - Mid	967	1,200	2,167
Friday 12	750.12	16.85	12 AM - Mid	958	1,200	2,158
Saturday 13	750.01	16.75	12 AM - Mid	947	1,200	2,147
CHANGE IN STORAGE DURING THE WEEK		-0.23	* 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	2019	762.66	29.36	6	2017	750.56	17.26
2	2020	758.24	24.71	7	2012	750.37	17.08
3	2016	752.09	18.68	8	2021	750.01	16.75
4	2018	751.65	18.27	9	2015	749.37	16.17
5	2013	750.57	17.27	10	2014	749.32	16.13

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

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 CHIEF ENGINEER

STATE OF NEW YORK  
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
**SACANDAGA RESERVOIR OPERATION**  
FOR WEEK ENDING: February 20, 2021

DATE	SACANDAGA RESERVOIR			HUDSON RIVER FLOW		
	WATER SURFACE ELEV. 12 A.M.	TOTAL STORAGE B.C.F. <sup>(1)</sup>	PERIODS OF RELEASE	RELEASE AVG. DAILY C.F.S.*	HADLEY AVG. DAILY C.F.S.	SPIER FALLS AVG. DAILY C.F.S.
Saturday 13	750.01	16.75	12 AM - Mid	947	1,200	2,147
Sunday 14	750.00	16.74	12 AM - Mid	964	1,200	2,164
Monday 15	749.98	16.73	12 AM - Mid	933	1,200	2,133
Tuesday 16	749.92	16.67	12 AM - Mid	978	1,200	2,178
Wednesday 17	749.95	16.70	12 AM - Mid	974	1,200	2,174
Thursday 18	749.93	16.68	12 AM - Mid	977	1,200	2,177
Friday 19	749.85	16.61	12 AM - Mid	830	1,200	2,030
Saturday 20	749.87	16.63	12 AM - Mid	970	1,200	2,170
CHANGE IN STORAGE DURING THE WEEK		-0.13	* SACANDAGA RIVER AT STEWARTS BRIDGE INCLUDES 350 CFS MINIMUM CONTINUOUS RELEASE			

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2019	761.54	28.15	6	2017	749.12	15.94
2	2020	756.34	22.79	7	2013	749.09	15.92
3	2016	750.97	17.64	8	2014	749.08	15.91
4	2018	750.15	16.88	9	2015	749.06	15.89
5	2021	749.87	16.63	10	2012	748.87	15.72

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

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CHIEF ENGINEER

STATE OF NEW YORK  
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
**INDIAN LAKE RESERVOIR OPERATION**  
 FOR WEEK ENDING: February 6, 2021

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	1,641.40	2.02	12 AM - Mid	305	111	724
Sunday 31	1,641.28	2.00	12 AM - Mid	305	110	720
Monday 1	1,641.16	1.98	12 AM - Mid	305	108	710
Tuesday 2	1,641.03	1.96	12 AM - Mid	304	106	700
Wednesday 3	1,640.97	1.95	12 AM - Mid	304	104	690
Thursday 4	1,640.84	1.93	12 AM - Mid	304	102	680
Friday 5	1,640.74	1.92	12 AM - Mid	304	100	670
Saturday 6	1,640.67	1.91	12 AM - Mid	304	98	660
CHANGE IN STORAGE DURING THE WEEK		-0.12	* INIDAN RIVER NEAR INDIAN LAKE			

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

NO.	YEAR	ELEV.	CAPACITY	NO.	YEAR	ELEV.	CAPACITY
1	2018	1,643.71	2.39	6	2021	1,640.67	1.91
2	2019	1,641.26	2.00	7	2014	1,640.37	1.86
3	2013	1,641.03	1.96	8	2012	1,640.22	1.84
4	2017	1,640.90	1.94	9	2015	1,639.56	1.74
5	2016	1,640.76	1.92	10	2020	1,638.35	1.56

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

Datum: NAVD 88

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CHIEF ENGINEER

STATE OF NEW YORK  
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
**INDIAN LAKE RESERVOIR OPERATION**  
 FOR WEEK ENDING: February 13, 2021

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 6	1,640.67	1.91	12 AM - Mid	304	98	660
Sunday 7	1,640.52	1.88	12 AM - Mid	295	96	650
Monday 8	1,640.41	1.87	12 AM - Mid	293	94	700
Tuesday 9	1,640.28	1.85	12 AM - Mid	291	92	720
Wednesday 10	1,640.18	1.83	12 AM - Mid	291	90	700
Thursday 11	1,640.05	1.81	12 AM - Mid	291	88	680
Friday 12	1,639.93	1.80	12 AM - Mid	291	86	610
Saturday 13	1,639.82	1.78	12 AM - Mid	291	84	580

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	2018	1,642.93	2.27	6	2012	1,639.90	1.79
2	2017	1,642.14	2.14	7	2021	1,639.82	1.78
3	2019	1,641.61	2.06	8	2015	1,639.29	1.70
4	2016	1,640.80	1.93	9	2014	1,638.97	1.65
5	2013	1,640.69	1.91	10	2020	1,638.30	1.55

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

Datum: NAVD 88

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 CHIEF ENGINEER

STATE OF NEW YORK  
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
**INDIAN LAKE RESERVOIR OPERATION**  
FOR WEEK ENDING: February 20, 2021

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 13	1,639.82	1.78	12 AM - Mid	291	84	580
Sunday 14	1,639.70	1.76	12 AM - Mid	291	82	600
Monday 15	1,639.56	1.74	12 AM - Mid	291	80	600
Tuesday 16	1,639.46	1.72	12 AM - Mid	291	81	610
Wednesday 17	1,639.41	1.72	12 AM - Mid	291	81	700
Thursday 18	1,639.31	1.70	12 AM - Mid	291	80	850
Friday 19	1,639.19	1.68	12 AM - Mid	291	78	750
Saturday 20	1,939.07	4.54	12 AM - Mid	290	78	710

CHANGE IN STORAGE DURING THE WEEK	2.76	* 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	2021	1,939.07	4.54	6	2013	1,640.04	1.81
2	2018	1,642.43	2.19	7	2012	1,639.40	1.72
3	2017	1,641.59	2.05	8	2015	1,638.96	1.65
4	2016	1,640.79	1.93	9	2014	1,638.45	1.57
5	2019	1,640.75	1.92	10	2020	1,638.04	1.51

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

Datum: NAVD 88

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CHIEF ENGINEER



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

FOR WEEK ENDING: **February 6, 2021**

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	1,667.61	2.15	12 AM -Mid	300	426	2,300
Sunday 31	1,667.52	2.14	12 AM -Mid	300	408	2,160
Monday 1	1,667.43	2.13	12 AM -Mid	300	387	2,170
Tuesday 2	1,667.36	2.11	12 AM -Mid	300	413	2,250
Wednesday 3	1,667.31	2.10	12 AM -Mid	300	372	1,970
Thursday 4	1,667.24	2.09	12 AM -Mid	300	427	1,840
Friday 5	1,667.17	2.08	12 AM -Mid	300	490	1,880
Saturday 6	1,667.10	2.07	12 AM -Mid	300	447	1,950

CHANGE IN STORAGE DURING THE WEEK	-0.08
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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	1,673.97	3.41	6	2017	1,669.56	2.48
2	2018	1,673.55	3.31	7	2016	1,668.98	2.38
3	2019	1,670.03	2.56	8	2012	1,668.41	2.29
4	2013	1,669.96	2.55	9	2021	1,667.10	2.07
5	2020	1,669.77	2.51	10	2015	1,664.71	1.68

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

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CHIEF ENGINEER

STATE OF NEW YORK  
 HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
**STILLWATER RESERVOIR OPERATION**  
 FOR WEEK ENDING: February 13, 2021

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 6	1,667.10	2.07	12 AM -Mid	300	447	1,950
Sunday 7	1,667.03	2.06	12 AM -Mid	300	422	2,070
Monday 8	1,666.95	2.05	12 AM -Mid	300	399	1,920
Tuesday 9	1,666.87	2.03	12 AM -Mid	300	349	1,950
Wednesday 10	1,666.80	2.02	12 AM -Mid	300	313	1,900
Thursday 11	1,666.70	2.00	12 AM -Mid	300	427	1,840
Friday 12	1,666.62	1.99	12 AM -Mid	300	351	1,940
Saturday 13	1,666.53	1.97	12 AM -Mid	300	362	1,930

CHANGE IN STORAGE DURING THE WEEK	-0.09
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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	1,672.89	3.17	6	2020	1,668.32	2.27
2	2018	1,672.73	3.13	7	2016	1,668.30	2.27
3	2019	1,670.76	2.71	8	2012	1,668.04	2.22
4	2013	1,670.08	2.57	9	2021	1,666.53	1.97
5	2017	1,669.36	2.44	10	2015	1,663.83	1.53

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

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 CHIEF ENGINEER

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

FOR WEEK ENDING: February 20, 2021

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 13	1,666.53	1.97	12 AM -Mid	300	362	1,930
Sunday 14	1,666.43	1.96	12 AM -Mid	300	430	1,980
Monday 15	1,666.34	1.94	12 AM -Mid	300	419	1,940
Tuesday 16	1,666.26	1.93	12 AM -Mid	300	424	1,690
Wednesday 17	1,666.22	1.93	12 AM -Mid	300	398	1,750
Thursday 18	1,666.14	1.91	12 AM -Mid	417	443	1,770
Friday 19	1,665.95	1.88	12 AM -Mid	500	472	1,740
Saturday 20	1,665.73	1.84	12 AM -Mid	500	568	2,000

CHANGE IN STORAGE DURING THE WEEK	-0.13
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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	1,672.02	2.97	6	2017	1,668.21	2.25
2	2014	1,671.71	2.91	7	2012	1,667.41	2.12
3	2019	1,670.13	2.58	8	2020	1,666.50	1.97
4	2013	1,669.71	2.50	9	2021	1,665.73	1.84
5	2016	1,668.24	2.26	10	2015	1,662.75	1.35

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

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CHIEF ENGINEER

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

FOR WEEK ENDING: February 6, 2021

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	1,703.84	0.509	80	1,780.60	0.134	19
Sunday 31	1,703.81	0.506	79	1,780.58	0.134	19
Monday 1	1,703.78	0.502	79	1,780.56	0.133	19
Tuesday 2	1,703.74	0.498	79	1,780.54	0.132	19
Wednesday 3	1,703.73	0.497	79	1,780.55	0.133	19
Thursday 4	1,703.70	0.493	79	1,780.53	0.132	19
Friday 5	1,703.67	0.489	78	1,780.51	0.132	19
Saturday 6	1,703.65	0.487	78	1,780.52	0.132	19
CHANGE IN STORAGE		-0.023			-0.002	

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	1,704.02	0.532	1	2018	1,782.50	0.192
2	2017	1,703.79	0.532	2	2017	1,781.56	0.163
3	2021	1,703.65	0.503	3	2020	1,780.84	0.141
4	2019	1,703.61	0.487	4	2021	1,780.52	0.132
5	2020	1,703.19	0.481	5	2019	1,780.11	0.120

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

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CHIEF ENGINEER

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

FOR WEEK ENDING: February 13, 2021

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 6	1,703.65	0.487	78	1,780.52	0.132	19
Sunday 7	1,703.63	0.484	78	1,780.49	0.131	19
Monday 8	1,703.59	0.478	78	1,780.48	0.131	19
Tuesday 9	1,703.57	0.476	77	1,780.46	0.130	19
Wednesday 10	1,703.55	0.473	77	1,780.45	0.130	19
Thursday 11	1,703.52	0.469	77	1,780.43	0.129	19
Friday 12	1,703.48	0.466	77	1,780.40	0.128	19
Saturday 13	1,703.44	0.461	76	1,780.38	0.128	19
CHANGE IN STORAGE		-0.026			-0.004	

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	1,703.93	0.521	1	2018	1,781.78	0.170
2	2017	1,703.92	0.519	2	2017	1,781.77	0.170
3	2018	1,703.47	0.464	3	2019	1,780.64	0.135
4	2021	1,703.44	0.461	4	2021	1,780.38	0.128
5	2020	1,703.16	0.425	5	2020	1,780.35	0.127

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

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CHIEF ENGINEER

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

FOR WEEK ENDING: February 20, 2021

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 13	1,703.44	0.461	76	1,780.38	0.128	18
Sunday 14	1,703.41	0.457	76	1,780.36	0.127	18
Monday 15	1,703.38	0.453	76	1,780.34	0.126	18
Tuesday 16	1,703.36	0.449	76	1,780.32	0.126	18
Wednesday 17	1,703.37	0.451	76	1,780.35	0.127	18
Thursday 18	1,703.35	0.448	75	1,780.32	0.126	18
Friday 19	1,703.32	0.444	75	1,780.30	0.125	18
Saturday 20	1,703.29	0.441	75	1,780.29	0.125	18
CHANGE IN STORAGE		-0.020			-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	2019	1,703.69	0.491	1	2017	1,781.39	0.158
2	2017	1,703.66	0.487	2	2018	1,781.02	0.147
3	2018	1,703.42	0.457	3	2021	1,780.29	0.125
4	2021	1,703.29	0.441	4	2019	1,780.20	0.122
5	2020	1,702.95	0.398	5	2020	1,779.77	0.110

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

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CHIEF ENGINEER