

**REPORT OF CHIEF ENGINEER**  
**HUDSON RIVER - BLACK RIVER REGULATING DISTRICT**  
**BOARD MEETING**  
**MARCH 8, 2022 – 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 1110 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 | 750.80   | +0.44              | +0.30                    | 0                 | 4,100                     |
| Feb. 28 | 751.6 (e)  | +4.7 (e)           | +2.1 (e)                 | 0                 | 350 (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 180 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 | 1,639.06                               | -2.60          | -0.09       | 225           |
| Feb. 28 | 1,642.4 (e)                            | +2.4 (e)       | +4.5 (e)    | 175 (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 6,450 cfs on February 21 and approximately 1,560 cfs above 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            | 2220 (e)                          | 736                                    |
| <b>Sacandaga</b> at Stewarts Bridge | 1110 (e)                          | 2,830                                  |
| <b>Indian</b> at Indian Lake Dam    | 180 (e)                           | 393                                    |
| <b>Hudson</b> at Hadley (1)         | 3130 (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 208%, 134%, and 120% historic average at Indian Lake, Mayfield, and Conklingville, respectively, as of February 22

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

| <b>Station</b>       | <b>Monthly Total (inch)</b> | <b>Historic Average (inch)</b> |
|----------------------|-----------------------------|--------------------------------|
| <b>Indian Lake</b>   | 4.83                        | 2.32                           |
| <b>Mayfield</b>      | 3.98                        | 2.97                           |
| <b>Conklingville</b> | 3.56                        | 2.97                           |

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

### **Operation Overview**

Precipitation during the month of February was above normal across the Great Sacandaga Lake watershed and above average in the Indian Lake watershed. The monthly inflow to Great Sacandaga Lake and Indian Lake reservoir was approximately 94% and 183% of historic average, respectively. Monthly release of water from Great Sacandaga Lake and Indian Lake measured 39% and 58% of historic average, respectively.

### **Great Sacandaga Lake Operation**

Great Sacandaga Lake operation summary report for the period February 1, 2022 through February 23, 2022 is attached. This report includes estimated forecast values for dates after February 23, 2022.

### **Hudson River Area Staff Activities**

Staff completed routine maintenance and operations activities during the month.

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

## BLACK RIVER AREA – FEBRUARY SUMMARY

### Reservoir Operations

#### Stillwater Reservoir

The February average daily release from Stillwater Reservoir was approximately 290 cfs. The maximum discharge for the month was 600 cfs.

Table 1.0 - *Stillwater Reservoir Elevation and Release*

| Date    | Daily Average Elevation (ft, NAVD) | Deviation from Average Elevation (ft) (1) | Release (cfs) |
|---------|------------------------------------|---|---------------|
| Jan. 31 | 1,664.52                           | -5.21                                     | 600           |
| Feb. 28 | 1,666.4 (e)                        | +0.13 (e)                                 | 250 (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 60 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 | 1,780.11                 | -2.02                                     | 24            |
| Feb. 28 | 1,780.6 (e)              | -1.4 (e)                                  | 180 (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 140 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 | 1,703.69                 | -0.31                                     | 79            |
| Feb. 28 | 1,704.0 (e)              | +0.3 (e)                                  | 235           |

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 10,400 cfs on February 21

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

| <b>River</b>              | <b>Monthly Average<br/>Flow<br/>(cfs)</b> | <b>Historic Average<br/>Flow (1)<br/>(cfs)</b> |
|---------------------------|---|--|
| <b>Moose</b> at McKeever  | 3,809 (e)                                 | 827  |
| <b>Beaver</b> at Croghan  | 580 (e)                                   | 725  |
| <b>Black</b> at Watertown | 6,150 (e)                                 | 3,810  |

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 132%, 150%, 149% of historic average at Stillwater, Old Forge, and Sixth Lake, respectively, as of February 21.

Table 5.0 - *Black River Basin Precipitation - as of February 21*

| <b>Station</b>    | <b>Monthly Total<br/>(inch)</b> | <b>Historic Average<br/>(inch)</b> |
|-------------------|---------------------------------|------------------------------------|
| <b>Stillwater</b> | 3.70                            | 2.81                               |
| <b>Old Forge</b>  | 4.74                            | 3.17                               |
| <b>Sixth Lake</b> | 3.96                            | 2.65                               |

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

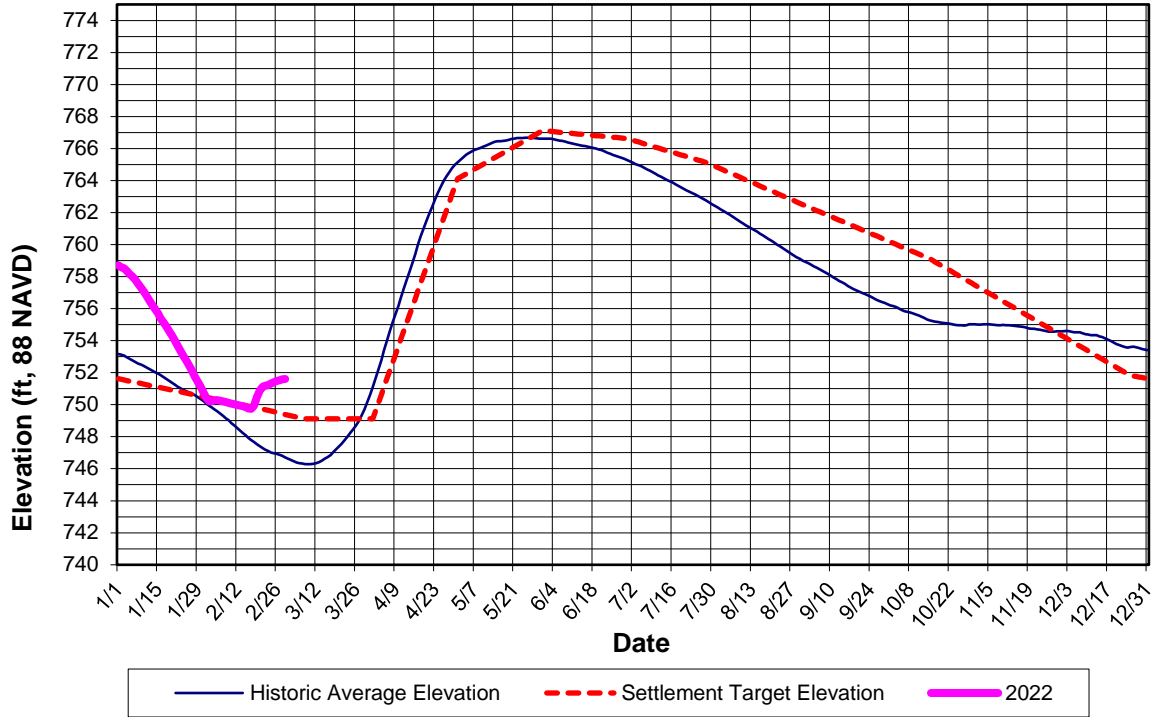
### **Operation Overview**

Precipitation in the month of February was above average at Stillwater, Old Forge, and Sixth Lake Dam. The monthly inflow to Stillwater Reservoir was approximately 130% of historic average. The inflow to Sixth Lake and Old Forge Reservoir totaled 0.17 and 0.37 billion cubic feet, respectively, in February. Release of water from Stillwater Reservoir averaged 52% of historic discharge.

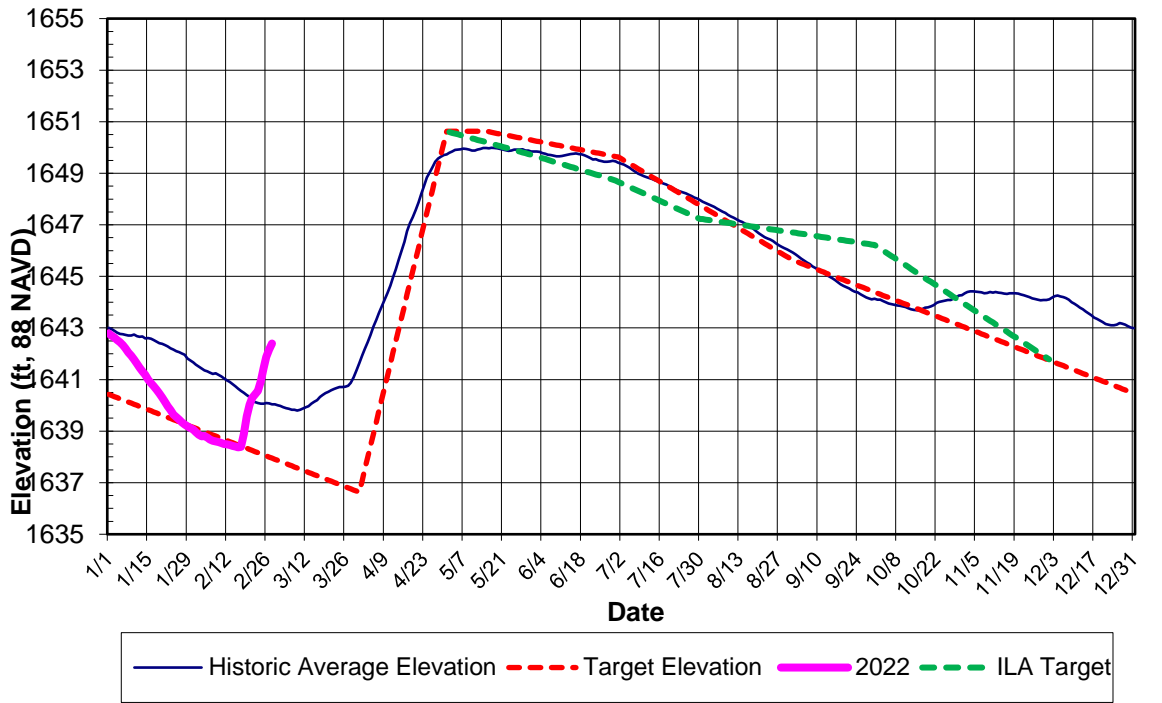
### **Black River Area Staff Activities**

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

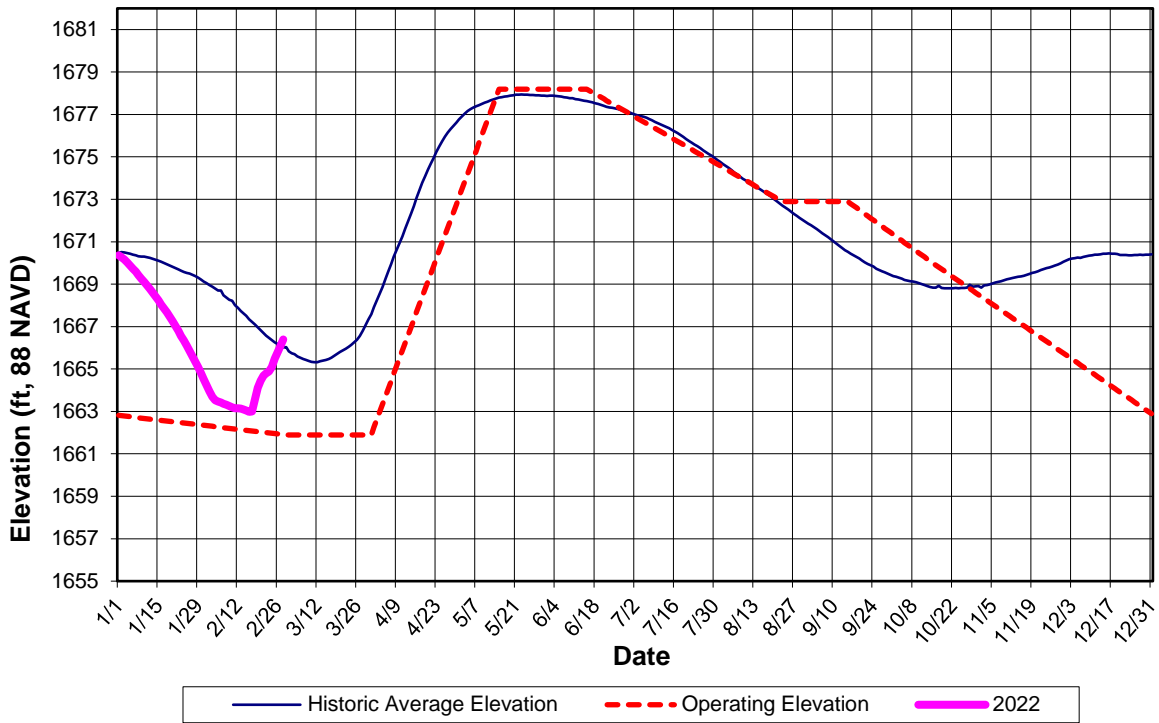
### Great Sacandaga Lake 2022 Reservoir Elevation



### Indian Lake 2022 Reservoir Elevation

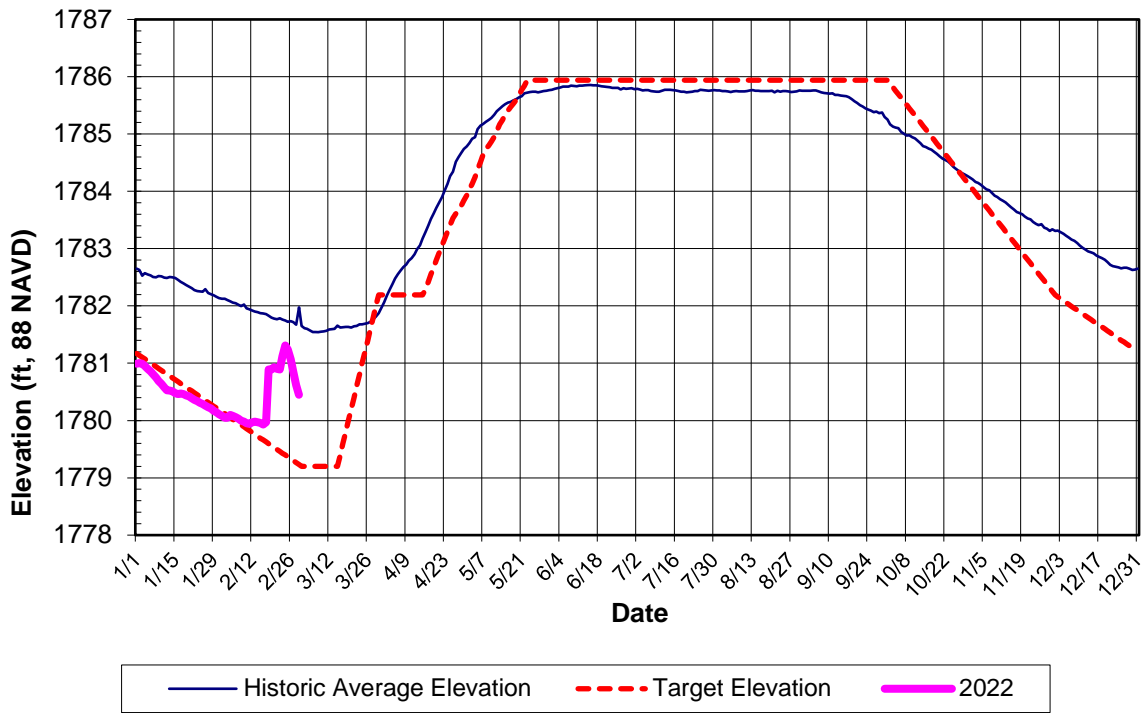


### Stillwater Reservoir 2022 Reservoir Elevation

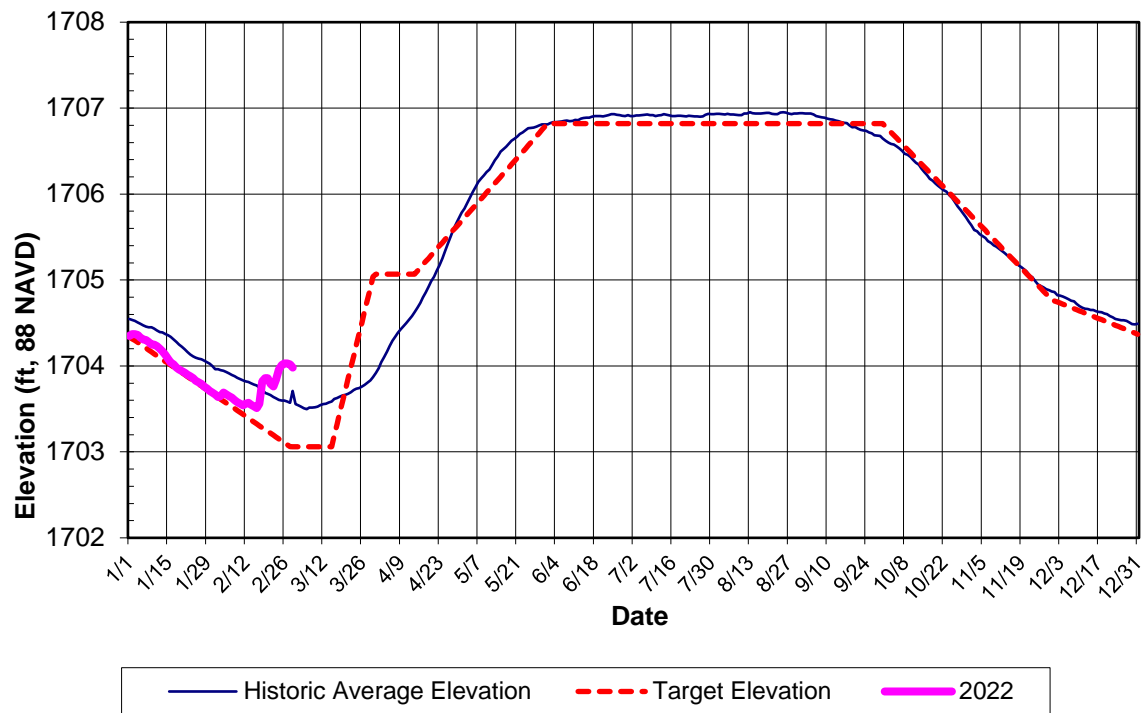




### Sixth Lake 2022 Reservoir Elevation



### Old Forge 2022 Reservoir Elevation



**SACANDAGA RESERVOIR ELEVATION CALCULATOR**

Datum: **1988 NAVD**

| Settlement Parameters        |                        |
|------------------------------|------------------------|
| Date                         | 2/24/2022              |
| Target Elevation             | 749.61                 |
| Actual "Level"               | 2.98                   |
| "Level 2.5 threshold"        |                        |
| "Level 1.2 threshold"        | 740.56                 |
| <b>Hudson River Target</b>   | <b>Elevation Level</b> |
| Maximum Flow (cfs)           | 6000 7500              |
| Minimum Flow (cfs)           | n/a 1986               |
| 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                    | 2/24/2022 |
| Day of Year             | 5534      |
| Starting Elevation (ft) | 752.45    |
| Average Elevation       | 752.75    |
| Flow Below Hadley (cfs) | 7650      |
| Todays Release          | 350       |
| Tomorrows Release       | 350       |

Justin St.John 518-743-2004 (w)  
 Jonathan Norris 315-396-8194 (cell)  
 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<br>12:00 AM | Starting<br>Elevation | Net<br>Average<br>Inflow | Sacandaga River Flow |        |          |                    | Settlement<br>Level | Hudson<br>at Hadley | Hudson River<br>Below<br>Confluence | Hudson River Target Flow     |                              |                              | Ending<br>Elevation | Ending Date<br>12:00 AM | Daily<br>Average<br>Elevation | Settlement<br>Target<br>Elevation | Historic Daily<br>Average Elev. |                              |
|---------------------------|-----------------------|--------------------------|----------------------|--------|----------|--------------------|---------------------|---------------------|-------------------------------------|------------------------------|------------------------------|------------------------------|---------------------|-------------------------|-------------------------------|-----------------------------------|---------------------------------|------------------------------|
|                           |                       |                          | E.J. West            | Valves | Spillway | Average<br>Release |                     |                     |                                     | Maximum<br>(Table F - Elev.) | Minimum<br>(Table C - Level) | Maximum<br>(Table D - Elev.) |                     |                         |                               |                                   |                                 | Maximum<br>(Table E - Level) |
| 2/1/2022                  | 750.61                | 600                      | 4050                 | 0      | 0        | 4050               | 4000                | 3.01                | 1270                                | 5320                         | 2020                         | 6000                         | 7520                | 750.28                  | 2/2/2022                      | 750.45                            | 750.46                          | 750.21                       |
| 2/2/2022                  | 750.28                | 600                      | 1430                 | 0      | 0        | 1430               | 4000                | 3.01                | 1200                                | 2630                         | 2000                         | 6000                         | 7500                | 750.20                  | 2/3/2022                      | 750.24                            | 750.43                          | 750.07                       |
| 2/3/2022                  | 750.20                | 1600                     | 1070                 | 0      | 0        | 1070               | 4000                | 3.01                | 1260                                | 2330                         | 2000                         | 6000                         | 7500                | 750.24                  | 2/4/2022                      | 750.22                            | 750.39                          | 749.94                       |
| 2/4/2022                  | 750.24                | 1800                     | 1100                 | 0      | 0        | 1100               | 4000                | 3.00                | 1110                                | 2210                         | 2000                         | 6000                         | 7500                | 750.30                  | 2/5/2022                      | 750.27                            | 750.35                          | 749.83                       |
| 2/5/2022                  | 750.30                | 800                      | 1090                 | 0      | 0        | 1090               | 4000                | 3.00                | 1290                                | 2380                         | 2000                         | 6000                         | 7500                | 750.27                  | 2/6/2022                      | 750.29                            | 750.31                          | 749.71                       |
| 2/6/2022                  | 750.27                | 700                      | 1070                 | 0      | 0        | 1070               | 4000                | 3.00                | 1200                                | 2270                         | 1995                         | 6000                         | 7500                | 750.23                  | 2/7/2022                      | 750.25                            | 750.28                          | 749.56                       |
| 2/7/2022                  | 750.23                | 800                      | 1100                 | 0      | 0        | 1100               | 4000                | 2.99                | 1260                                | 2360                         | 1995                         | 6000                         | 7500                | 750.20                  | 2/8/2022                      | 750.22                            | 750.24                          | 749.41                       |
| 2/8/2022                  | 750.20                | 900                      | 1250                 | 0      | 0        | 1250               | 4000                | 2.99                | 1290                                | 2540                         | 1990                         | 6000                         | 7500                | 750.16                  | 2/9/2022                      | 750.18                            | 750.20                          | 749.27                       |
| 2/9/2022                  | 750.16                | 500                      | 1180                 | 0      | 0        | 1180               | 4000                | 2.98                | 1330                                | 2510                         | 1990                         | 6000                         | 7500                | 750.09                  | 2/10/2022                     | 750.13                            | 750.16                          | 749.13                       |
| 2/10/2022                 | 750.09                | 800                      | 1150                 | 0      | 0        | 1150               | 4000                | 2.99                | 1270                                | 2420                         | 1995                         | 6000                         | 7500                | 750.05                  | 2/11/2022                     | 750.07                            | 750.13                          | 748.97                       |
| 2/11/2022                 | 750.05                | 700                      | 1130                 | 0      | 0        | 1130               | 4000                | 2.98                | 1290                                | 2420                         | 1990                         | 6000                         | 7500                | 750.00                  | 2/12/2022                     | 750.03                            | 750.09                          | 748.81                       |
| 2/12/2022                 | 750.00                | 800                      | 1120                 | 0      | 0        | 1120               | 4000                | 2.98                | 1260                                | 2380                         | 1990                         | 6000                         | 7500                | 749.96                  | 2/13/2022                     | 749.98                            | 750.05                          | 748.66                       |
| 2/13/2022                 | 749.96                | 850                      | 1140                 | 0      | 0        | 1140               | 4000                | 2.98                | 1250                                | 2390                         | 1990                         | 6000                         | 7500                | 749.93                  | 2/14/2022                     | 749.95                            | 750.02                          | 748.50                       |
| 2/14/2022                 | 749.93                | 700                      | 1190                 | 0      | 0        | 1190               | 4000                | 2.98                | 1230                                | 2420                         | 1990                         | 6000                         | 7500                | 749.88                  | 2/15/2022                     | 749.91                            | 749.98                          | 748.34                       |
| 2/15/2022                 | 749.88                | 500                      | 1200                 | 0      | 0        | 1200               | 4000                | 2.98                | 1210                                | 2410                         | 1986                         | 6000                         | 7500                | 749.81                  | 2/16/2022                     | 749.85                            | 749.94                          | 748.18                       |
| 2/16/2022                 | 749.81                | 600                      | 1190                 | 0      | 0        | 1190               | 4000                | 2.97                | 1080                                | 2270                         | 1986                         | 6000                         | 7500                | 749.75                  | 2/17/2022                     | 749.78                            | 749.90                          | 748.04                       |
| 2/17/2022                 | 749.75                | 1700                     | 1290                 | 0      | 0        | 1290               | 4000                | 2.97                | 1140                                | 2430                         | 1981                         | 6000                         | 7500                | 749.78                  | 2/18/2022                     | 749.77                            | 749.87                          | 747.89                       |
| 2/18/2022                 | 749.78                | 5500                     | 1270                 | 0      | 0        | 1270               | 4000                | 3.01                | 1970                                | 3240                         | 2020                         | 6000                         | 7520                | 750.18                  | 2/19/2022                     | 749.98                            | 749.83                          | 747.76                       |
| 2/19/2022                 | 750.18                | 6100                     | 390                  | 0      | 0        | 390                | 4000                | 3.03                | 4170                                | 4560                         | 2060                         | 6000                         | 7560                | 750.71                  | 2/20/2022                     | 750.45                            | 749.79                          | 747.63                       |
| 2/20/2022                 | 750.71                | 4500                     | 629                  | 0      | 0        | 629                | 4000                | 3.04                | 4790                                | 5419                         | 2060                         | 6000                         | 7560                | 751.07                  | 2/21/2022                     | 750.89                            | 749.75                          | 747.50                       |
| 2/21/2022                 | 751.07                | 2900                     | 1580                 | 0      | 0        | 1580               | 4000                | 3.04                | 4870                                | 6450                         | 2080                         | 6000                         | 7580                | 751.19                  | 2/22/2022                     | 751.13                            | 749.72                          | 747.39                       |
| 2/22/2022                 | 751.19                | 5300                     | 2090                 | 0      | 0        | 2090               | 4000                | 3.08                | 4300                                | 6390                         | 2160                         | 6000                         | 7660                | 751.48                  | 2/23/2022                     | 751.34                            | 749.68                          | 747.28                       |
| 2/23/2022                 | 751.48                | 11400                    | 824                  | 0      | 0        | 824                | 4000                | 3.10                | 5790                                | 6614                         | 2180                         | 6000                         | 7680                | 752.45                  | 2/24/2022                     | 751.97                            | 749.64                          | 747.20                       |
| 2/24/2022                 | 752.45                | 7000                     | 350                  | 0      | 0        | 350                | 4000                | 3.11                | 7300                                | 7650                         | 2220                         | 6000                         | 7720                | 753.05                  | 2/25/2022                     | 752.75                            | 749.61                          | 747.11                       |
| 2/25/2022                 | 753.05                | 5000                     | 350                  | 0      | 0        | 350                | 4000                | 3.13                | 8100                                | 8450                         | 2240                         | 6000                         | 7740                | 753.46                  | 2/26/2022                     | 753.26                            | 749.57                          | 747.05                       |
| 2/26/2022                 | 753.46                | 3500                     | 350                  | 0      | 0        | 350                | 4000                | 3.15                | 6800                                | 7150                         | 2280                         | 6000                         | 7780                | 753.74                  | 2/27/2022                     | 753.60                            | 749.53                          | 747.01                       |
| 2/27/2022                 | 753.74                | 2500                     | 350                  | 0      | 0        | 350                | 4000                | 3.16                | 6200                                | 6550                         | 2320                         | 6000                         | 7820                | 753.93                  | 2/28/2022                     | 753.84                            | 749.49                          | 746.96                       |
| 2/28/2022                 | 753.93                | 2000                     | 350                  | 0      | 0        | 350                | 4000                | 3.18                | 5700                                | 6050                         | 2340                         | 6000                         | 7840                | 754.07                  | 3/1/2022                      | 754.00                            | 749.46                          | 746.89                       |
| 3/1/2022                  | 754.07                | 1500                     | 500                  | 0      | 0        | 500                | 4000                | 3.19                | 5400                                | 5900                         | 2380                         | 6000                         | 7880                | 754.15                  | 3/2/2022                      | 754.11                            | 749.38                          | 746.78                       |
| 3/2/2022                  | 754.15                | 1200                     | 800                  | 0      | 0        | 800                | 4000                | 3.21                | 5100                                | 5900                         | 2420                         | 8000                         | 7920                | 754.18                  | 3/3/2022                      | 754.17                            | 749.34                          | 746.70                       |
| 3/3/2022                  | 754.18                | 1000                     | 1200                 | 0      | 0        | 1200               | 4000                | 3.21                | 4800                                | 6000                         | 2420                         | 8000                         | 7920                | 754.16                  | 3/4/2022                      | 754.17                            | 749.31                          | 746.62                       |
| 3/4/2022                  | 754.16                | 900                      | 1500                 | 0      | 0        | 1500               | 4000                | 3.21                | 4500                                | 6000                         | 2420                         | 6000                         | 7920                | 754.10                  | 3/5/2022                      |                                   | 749.23                          | 746.54                       |
| 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: \_\_\_\_\_

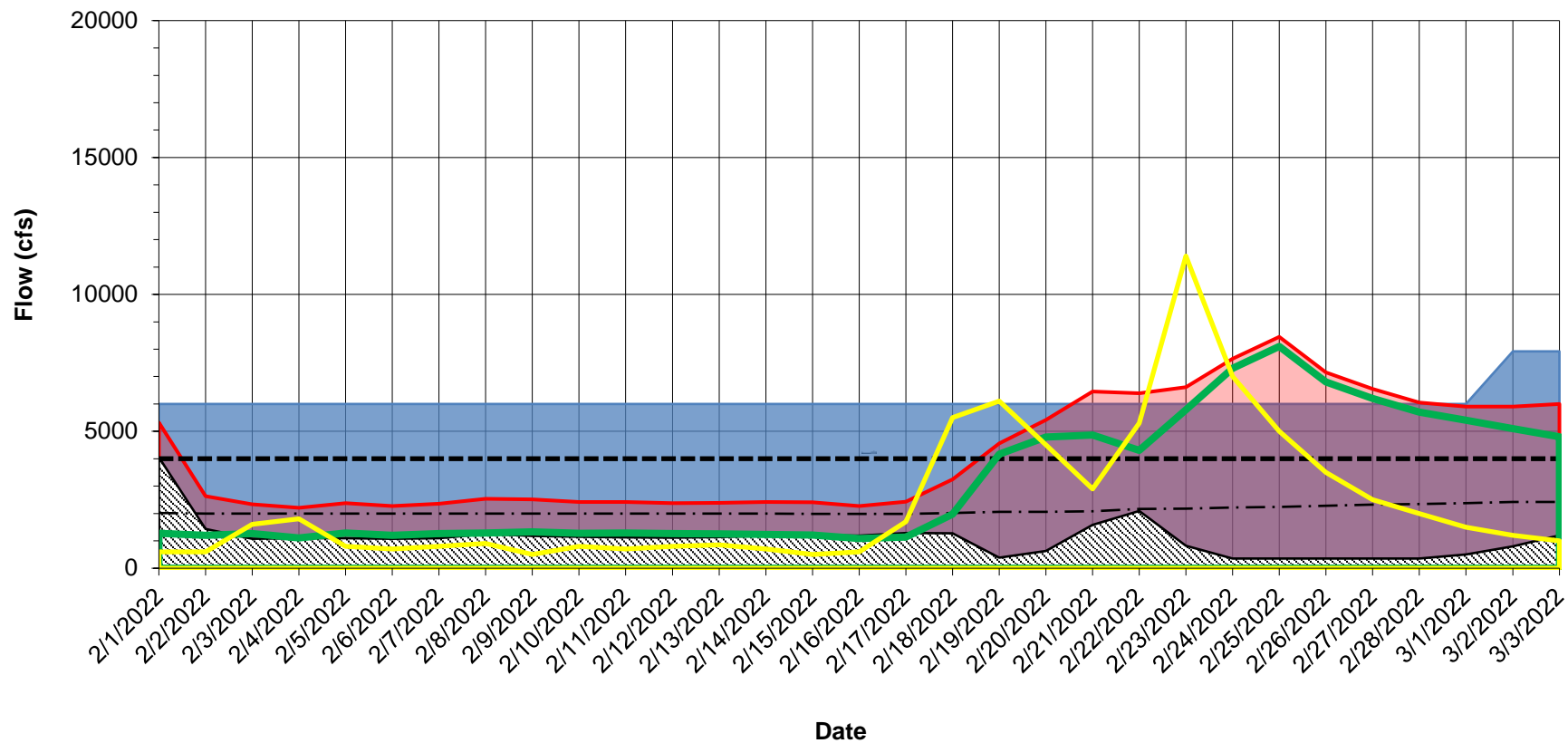
Date: \_\_\_\_\_

**GREAT SACANDAGA LAKE  
RESERVOIR OPERATION SUMMARY**

Print Date: 2/24/2022  
Period of Record: 2/1/2022 to 3/1/2022

| Starting Date<br>12:00 AM | Daily Avg.<br>Elevation | Net<br>Average<br>Inflow | Sacandaga River Flow |                              | Settlement<br>Level | Hudson<br>at Hadley | Hudson River<br>Below<br>Confluence | Hudson River Target Flow     |                          | Maximum<br>Allowable<br>Sacandaga |
|---------------------------|-------------------------|--------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------------|------------------------------|--------------------------|-----------------------------------|
|                           |                         |                          | Average<br>Release   | Maximum<br>(Table F - Elev.) |                     |                     |                                     | Minimum<br>(Table B - Level) | Maximum<br>(Table D & E) |                                   |
| 2/1/2022                  | 750.45                  | 600                      | 4050                 | 4000                         | 3.01                | 1270                | 5320                                | 2020                         | 6000                     | 4000                              |
| 2/2/2022                  | 750.24                  | 600                      | 1430                 | 4000                         | 3.01                | 1200                | 2630                                | 2000                         | 6000                     | 4000                              |
| 2/3/2022                  | 750.22                  | 1600                     | 1070                 | 4000                         | 3.01                | 1260                | 2330                                | 2000                         | 6000                     | 4000                              |
| 2/4/2022                  | 750.27                  | 1800                     | 1100                 | 4000                         | 3.00                | 1110                | 2210                                | 2000                         | 6000                     | 4000                              |
| 2/5/2022                  | 750.29                  | 800                      | 1090                 | 4000                         | 3.00                | 1290                | 2380                                | 2000                         | 6000                     | 4000                              |
| 2/6/2022                  | 750.25                  | 700                      | 1070                 | 4000                         | 3.00                | 1200                | 2270                                | 1995                         | 6000                     | 4000                              |
| 2/7/2022                  | 750.22                  | 800                      | 1100                 | 4000                         | 2.99                | 1260                | 2360                                | 1995                         | 6000                     | 4000                              |
| 2/8/2022                  | 750.18                  | 900                      | 1250                 | 4000                         | 2.99                | 1290                | 2540                                | 1990                         | 6000                     | 4000                              |
| 2/9/2022                  | 750.13                  | 500                      | 1180                 | 4000                         | 2.98                | 1330                | 2510                                | 1990                         | 6000                     | 4000                              |
| 2/10/2022                 | 750.07                  | 800                      | 1150                 | 4000                         | 2.99                | 1270                | 2420                                | 1995                         | 6000                     | 4000                              |
| 2/11/2022                 | 750.03                  | 700                      | 1130                 | 4000                         | 2.98                | 1290                | 2420                                | 1990                         | 6000                     | 4000                              |
| 2/12/2022                 | 749.98                  | 800                      | 1120                 | 4000                         | 2.98                | 1260                | 2380                                | 1990                         | 6000                     | 4000                              |
| 2/13/2022                 | 749.95                  | 850                      | 1140                 | 4000                         | 2.98                | 1250                | 2390                                | 1990                         | 6000                     | 4000                              |
| 2/14/2022                 | 749.91                  | 700                      | 1190                 | 4000                         | 2.98                | 1230                | 2420                                | 1990                         | 6000                     | 4000                              |
| 2/15/2022                 | 749.85                  | 500                      | 1200                 | 4000                         | 2.98                | 1210                | 2410                                | 1986                         | 6000                     | 4000                              |
| 2/16/2022                 | 749.78                  | 600                      | 1190                 | 4000                         | 2.97                | 1080                | 2270                                | 1986                         | 6000                     | 4000                              |
| 2/17/2022                 | 749.77                  | 1700                     | 1290                 | 4000                         | 2.97                | 1140                | 2430                                | 1981                         | 6000                     | 4000                              |
| 2/18/2022                 | 749.98                  | 5500                     | 1270                 | 4000                         | 3.01                | 1970                | 3240                                | 2020                         | 6000                     | 4000                              |
| 2/19/2022                 | 750.45                  | 6100                     | 390                  | 4000                         | 3.03                | 4170                | 4560                                | 2060                         | 6000                     | 4000                              |
| 2/20/2022                 | 750.89                  | 4500                     | 629                  | 4000                         | 3.04                | 4790                | 5419                                | 2060                         | 6000                     | 4000                              |
| 2/21/2022                 | 751.13                  | 2900                     | 1580                 | 4000                         | 3.04                | 4870                | 6450                                | 2080                         | 6000                     | 4000                              |
| 2/22/2022                 | 751.34                  | 5300                     | 2090                 | 4000                         | 3.08                | 4300                | 6390                                | 2160                         | 6000                     | 4000                              |
| 2/23/2022                 | 751.97                  | 11400                    | 824                  | 4000                         | 3.10                | 5790                | 6614                                | 2180                         | 6000                     | 4000                              |
| 2/24/2022                 | 752.75                  | 7000                     | 350                  | 4000                         | 3.11                | 7300                | 7650                                | 2220                         | 6000                     | 4000                              |
| 2/25/2022                 | 753.26                  | 5000                     | 350                  | 4000                         | 3.13                | 8100                | 8450                                | 2240                         | 6000                     | 4000                              |
| 2/26/2022                 | 753.60                  | 3500                     | 350                  | 4000                         | 3.15                | 6800                | 7150                                | 2280                         | 6000                     | 4000                              |
| 2/27/2022                 | 753.84                  | 2500                     | 350                  | 4000                         | 3.16                | 6200                | 6550                                | 2320                         | 6000                     | 4000                              |
| 2/28/2022                 | 754.00                  | 2000                     | 350                  | 4000                         | 3.18                | 5700                | 6050                                | 2340                         | 6000                     | 4000                              |
| 3/1/2022                  | 754.11                  | 1500                     | 500                  | 4000                         | 3.19                | 5400                | 5900                                | 2380                         | 6000                     | 4000                              |
| 3/2/2022                  | 754.17                  | 1200                     | 800                  | 4000                         | 3.21                | 5100                | 5900                                | 2420                         | 7920                     | 4000                              |
| 3/3/2022                  | 754.17                  | 1000                     | 1200                 | 4000                         | 3.21                | 4800                | 6000                                | 2420                         | 7920                     | 4000                              |

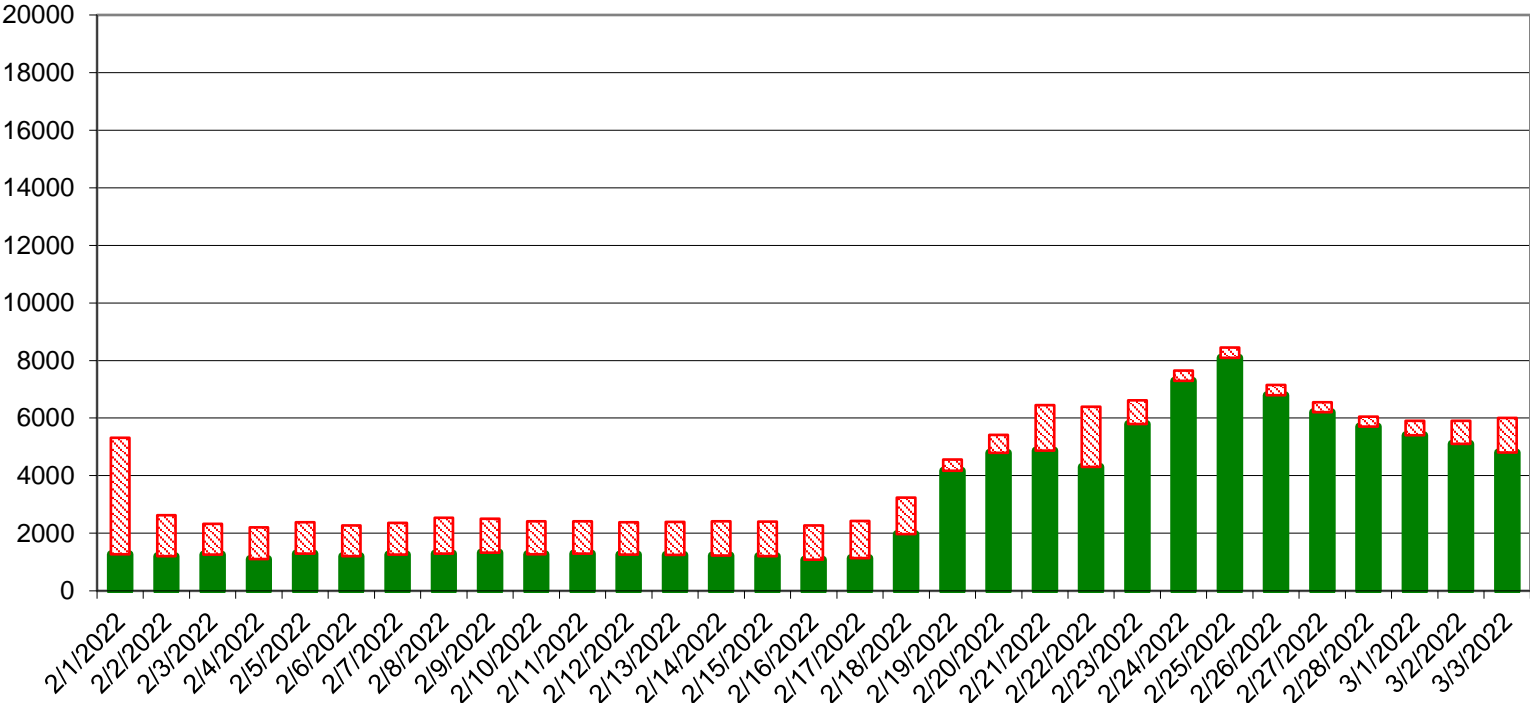
### Great Sacandaga Lake Actual and Maximum Allowable Hudson River Flow Below Confluence



- 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: January 2022

| 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   | 758.71                                      | 758.71                                 | 800                           | 1668                               | 4110                                   | 2690                       | 6800  |
| 2   | 758.59                                      | 758.57                                 | 1290                          | 2689                               | 4100                                   | 3110                       | 7210  |
| 3   | 758.53                                      | 758.63                                 | 1260                          | 2626                               | 4100                                   | 3250                       | 7350  |
| 4   | 758.37                                      | 758.50                                 | 914                           | 1905                               | 4110                                   | 2820                       | 6930  |
| 5   | 758.17                                      | 758.26                                 | 948                           | 1976                               | 4110                                   | 2680                       | 6790  |
| 6   | 758.01                                      | 758.07                                 | 938                           | 1955                               | 4110                                   | 2880                       | 6990  |
| 7   | 757.80                                      | 757.91                                 | 837                           | 1745                               | 4110                                   | 2720                       | 6830  |
| 8   | 757.55                                      | 757.69                                 | 618                           | 1288                               | 4100                                   | 2260                       | 6360  |
| 9   | 757.31                                      | 757.38                                 | 662                           | 1380                               | 4110                                   | 2020                       | 6130  |
| 10  | 757.08                                      | 757.19                                 | 686                           | 1430                               | 4100                                   | 2260                       | 6360  |
| 11  | 756.81                                      | 756.93                                 | 570                           | 1188                               | 4100                                   | 1690                       | 5790  |
| 12  | 756.51                                      | 756.64                                 | 500                           | 1042                               | 4100                                   | 1550                       | 5650  |
| 13  | 756.23                                      | 756.35                                 | 499                           | 1040                               | 4110                                   | 1910                       | 6020  |
| 14  | 755.96                                      | 756.12                                 | 498                           | 1038                               | 4110                                   | 2080                       | 6190  |
| 15  | 755.70                                      | 755.85                                 | 497                           | 1036                               | 4110                                   | 1790                       | 5900  |
| 16  | 755.39                                      | 755.54                                 | 496                           | 1034                               | 4100                                   | 1550                       | 5650  |
| 17  | 755.15                                      | 755.25                                 | 495                           | 1032                               | 4100                                   | 1520                       | 5620  |
| 18  | 754.89                                      | 755.09                                 | 494                           | 1030                               | 4100                                   | 1800                       | 5900  |
| 19  | 754.58                                      | 754.73                                 | 493                           | 1028                               | 4100                                   | 1710                       | 5810  |
| 20  | 754.30                                      | 754.43                                 | 492                           | 1026                               | 4100                                   | 1840                       | 5940  |
| 21  | 753.99                                      | 754.15                                 | 491                           | 1023                               | 4100                                   | 1690                       | 5790  |
| 22  | 753.69                                      | 753.85                                 | 490                           | 1021                               | 4100                                   | 1610                       | 5710  |
| 23  | 753.37                                      | 753.56                                 | 489                           | 1019                               | 4100                                   | 1680                       | 5780  |
| 24  | 753.05                                      | 753.23                                 | 488                           | 1017                               | 4110                                   | 1610                       | 5720  |
| 25  | 752.76                                      | 752.89                                 | 487                           | 1015                               | 4100                                   | 1500                       | 5600  |
| 26  | 752.44                                      | 752.60                                 | 486                           | 1013                               | 4100                                   | 1670                       | 5770  |
| 27  | 752.12                                      | 752.27                                 | 485                           | 1011                               | 4100                                   | 1310                       | 5410  |
| 28  | 751.78                                      | 751.96                                 | 484                           | 1009                               | 4100                                   | 1210                       | 5310  |
| 29  | 751.47                                      | 751.59                                 | 483                           | 1007                               | 4100                                   | 1480                       | 5580  |
| 30  | 751.16                                      | 751.33                                 | 482                           | 1005                               | 4100                                   | 1360                       | 5460  |
| 31  | 750.80                                      | 750.98                                 | 481                           | 1003                               | 4100                                   | 1200                       | 5300  |

AVERAGE 620 1300 4100 1950 6050

CHANGE IN STORAGE DURING THE MONTH

-7.89 B.C.F.

Hope gauge affected by ice

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 CHIEF ENGINEER

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

Monthly Report for: January, 2022

| Day | Reservoir Elevation Average Daily | Reservoir Elevation Midnight | Net Reservoir Inflow cfs | Indian River at Indian Lake cfs | Hudson River at Newcomb cfs | Regulated Hudson River at North Creek cfs |
|-----|-----------------------------------|------------------------------|--------------------------|---------------------------------|-----------------------------|---|
| 1   | 1642.79                           | 1642.83                      | 289                      | 437                             | 244                         | 1320                                      |
| 2   | 1642.71                           | 1642.75                      | 326                      | 437                             | 264                         | 1490                                      |
| 3   | 1642.63                           | 1642.69                      | 233                      | 437                             | 274                         | 1546                                      |
| 4   | 1642.54                           | 1642.58                      | 288                      | 436                             | 262                         | 1479                                      |
| 5   | 1642.45                           | 1642.50                      | 286                      | 434                             | 257                         | 1450                                      |
| 6   | 1642.34                           | 1642.42                      | 137                      | 433                             | 255                         | 1439                                      |
| 7   | 1642.21                           | 1642.26                      | 79                       | 431                             | 242                         | 1366                                      |
| 8   | 1642.05                           | 1642.07                      | 282                      | 430                             | 220                         | 1242                                      |
| 9   | 1641.93                           | 1641.99                      | 151                      | 429                             | 211                         | 1191                                      |
| 10  | 1641.78                           | 1641.85                      | 149                      | 427                             | 207                         | 1168                                      |
| 11  | 1641.61                           | 1641.69                      | 167                      | 426                             | 193                         | 1089                                      |
| 12  | 1641.47                           | 1641.55                      | 128                      | 424                             | 182                         | 1027                                      |
| 13  | 1641.32                           | 1641.39                      | 218                      | 422                             | 181                         | 1022                                      |
| 14  | 1641.18                           | 1641.28                      | 68                       | 420                             | 180                         | 1016                                      |
| 15  | 1641.00                           | 1641.10                      | 105                      | 420                             | 172                         | 971                                       |
| 16  | 1640.86                           | 1640.92                      | 86                       | 419                             | 159                         | 897                                       |
| 17  | 1640.75                           | 1640.74                      | 247                      | 416                             | 159                         | 897                                       |
| 18  | 1640.61                           | 1640.65                      | 207                      | 415                             | 161                         | 909                                       |
| 19  | 1640.46                           | 1640.53                      | 154                      | 414                             | 160                         | 903                                       |
| 20  | 1640.30                           | 1640.38                      | 100                      | 413                             | 158                         | 892                                       |
| 21  | 1640.13                           | 1640.20                      | 135                      | 413                             | 152                         | 858                                       |
| 22  | 1639.97                           | 1640.04                      | 168                      | 411                             | 146                         | 824                                       |
| 23  | 1639.81                           | 1639.90                      | 61                       | 408                             | 141                         | 796                                       |
| 24  | 1639.64                           | 1639.70                      | 199                      | 407                             | 137                         | 773                                       |
| 25  | 1639.54                           | 1639.58                      | 181                      | 285                             | 135                         | 762                                       |
| 26  | 1639.44                           | 1639.52                      | -18                      | 225                             | 131                         | 739                                       |
| 27  | 1639.34                           | 1639.38                      | 86                       | 225                             | 127                         | 717                                       |
| 28  | 1639.26                           | 1639.30                      | 69                       | 225                             | 125                         | 705                                       |
| 29  | 1639.18                           | 1639.21                      | 121                      | 225                             | 123                         | 694                                       |
| 30  | 1639.12                           | 1639.15                      | 121                      | 225                             | 119                         | 672                                       |
| 31  | 1639.06                           | 1639.09                      | 86                       | 225                             | 116                         | 655                                       |

**AVERAGE** 158 380 180 1016

**CHANGE IN STORAGE DURING THE MONTH** -0.595 B.C.F

Indian River gauge affected by ice

North Creek River 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 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   | 1670.36                                      | 1670.43                                 | 318                                 | 600                              | 492                          | 821                         | 4310                                   |
| 2   | 1670.27                                      | 1670.31                                 | 412                                 | 600                              | 546                          | 869                         | 4610                                   |
| 3   | 1670.16                                      | 1670.23                                 | 271                                 | 600                              | 534                          | 851                         | 4760                                   |
| 4   | 1670.02                                      | 1670.09                                 | 293                                 | 600                              | 603                          | 780                         | 3660                                   |
| 5   | 1669.88                                      | 1669.95                                 | 313                                 | 600                              | 600                          | 647                         | 3220                                   |
| 6   | 1669.73                                      | 1669.80                                 | 332                                 | 600                              | 595                          | 708                         | 3510                                   |
| 7   | 1669.59                                      | 1669.66                                 | 313                                 | 600                              | 590                          | 701                         | 3670                                   |
| 8   | 1669.43                                      | 1669.51                                 | 275                                 | 600                              | 585                          | 810                         | 3300                                   |
| 9   | 1669.26                                      | 1669.34                                 | 332                                 | 600                              | 580                          | 657                         | 3420                                   |
| 10  | 1669.11                                      | 1669.20                                 | 275                                 | 600                              | 575                          | 691                         | 3030                                   |
| 11  | 1668.94                                      | 1669.03                                 | 275                                 | 600                              | 570                          | 788                         | 3390                                   |
| 12  | 1668.77                                      | 1668.86                                 | 275                                 | 600                              | 565                          | 892                         | 3010                                   |
| 13  | 1668.60                                      | 1668.69                                 | 275                                 | 600                              | 560                          | 767                         | 3340                                   |
| 14  | 1668.42                                      | 1668.52                                 | 236                                 | 600                              | 555                          | 715                         | 3130                                   |
| 15  | 1668.23                                      | 1668.33                                 | 217                                 | 600                              | 550                          | 961                         | 3370                                   |
| 16  | 1668.03                                      | 1668.13                                 | 217                                 | 600                              | 545                          | 968                         | 3820                                   |
| 17  | 1667.86                                      | 1667.93                                 | 275                                 | 600                              | 540                          | 831                         | 2750                                   |
| 18  | 1667.67                                      | 1667.76                                 | 256                                 | 600                              | 535                          | 701                         | 2820                                   |
| 19  | 1667.47                                      | 1667.58                                 | 179                                 | 600                              | 530                          | 763                         | 2730                                   |
| 20  | 1667.25                                      | 1667.36                                 | 198                                 | 600                              | 525                          | 674                         | 2800                                   |
| 21  | 1667.03                                      | 1667.15                                 | 141                                 | 600                              | 520                          | 933                         | 3070                                   |
| 22  | 1666.80                                      | 1666.91                                 | 141                                 | 600                              | 457                          | 868                         | 2850                                   |
| 23  | 1666.56                                      | 1666.67                                 | 179                                 | 600                              | 436                          | 974                         | 2550                                   |
| 24  | 1666.34                                      | 1666.45                                 | 160                                 | 600                              | 420                          | 705                         | 2690                                   |
| 25  | 1666.10                                      | 1666.22                                 | 141                                 | 600                              | 406                          | 747                         | 2440                                   |
| 26  | 1665.85                                      | 1665.98                                 | 122                                 | 600                              | 393                          | 776                         | 2650                                   |
| 27  | 1665.60                                      | 1665.73                                 | 103                                 | 600                              | 389                          | 735                         | 2540                                   |
| 28  | 1665.34                                      | 1665.47                                 | 103                                 | 600                              | 387                          | 744                         | 2340                                   |
| 29  | 1665.08                                      | 1665.21                                 | 83                                  | 600                              | 383                          | 731                         | 2710                                   |
| 30  | 1664.80                                      | 1664.94                                 | 64                                  | 600                              | 377                          | 923                         | 2700                                   |
| 31  | 1664.52                                      | 1664.66                                 | 83                                  | 600                              | 376                          | 733                         | 2520                                   |

|         |     |     |     |     |      |
|---------|-----|-----|-----|-----|------|
| AVERAGE | 221 | 600 | 510 | 790 | 3150 |
|---------|-----|-----|-----|-----|------|

CHANGE IN STORAGE DURING THE MONTH -1.01 B.C.F.

Boonville River 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, 2022

| Day | Reservoir Elevation Average Daily | Reservoir Elevation Midnight | Net Reservoir Inflow (cfs) | Gate Opening (ft) |        | Reservoir Release (cfs) |
|-----|-----------------------------------|------------------------------|----------------------------|-------------------|--------|-------------------------|
|     |                                   |                              |                            | Gate A            | Gate B |                         |
| 1   | 1780.99                           | 1781.01                      | 39                         | 0.67              | 0.67   | 49                      |
| 2   | 1781.00                           | 1780.98                      | 59                         | 0.67              | 0.67   | 49                      |
| 3   | 1780.99                           | 1781.01                      | 39                         | 0.67              | 0.67   | 49                      |
| 4   | 1780.95                           | 1780.98                      | 32                         | 0.67              | 0.67   | 49                      |
| 5   | 1780.90                           | 1780.93                      | 31                         | 0.67              | 0.67   | 48                      |
| 6   | 1780.86                           | 1780.88                      | 31                         | 0.67              | 0.67   | 48                      |
| 7   | 1780.81                           | 1780.83                      | 31                         | 0.67              | 0.67   | 48                      |
| 8   | 1780.75                           | 1780.78                      | 19                         | 0.67              | 0.67   | 47                      |
| 9   | 1780.69                           | 1780.70                      | 40                         | 0.67              | 0.67   | 47                      |
| 10  | 1780.64                           | 1780.68                      | 23                         | 0.67              | 0.67   | 47                      |
| 11  | 1780.58                           | 1780.61                      | 22                         | 0.67              | 0.67   | 46                      |
| 12  | 1780.53                           | 1780.54                      | 29                         | 0.33              | 0.33   | 32                      |
| 13  | 1780.52                           | 1780.53                      | 22                         | 0.33              | 0.33   | 25                      |
| 14  | 1780.51                           | 1780.52                      | 15                         | 0.33              | 0.33   | 25                      |
| 15  | 1780.48                           | 1780.49                      | 18                         | 0.33              | 0.33   | 25                      |
| 16  | 1780.46                           | 1780.47                      | 22                         | 0.33              | 0.33   | 25                      |
| 17  | 1780.47                           | 1780.46                      | 25                         | 0.33              | 0.33   | 25                      |
| 18  | 1780.46                           | 1780.46                      | 18                         | 0.33              | 0.33   | 25                      |
| 19  | 1780.44                           | 1780.44                      | 22                         | 0.33              | 0.33   | 25                      |
| 20  | 1780.42                           | 1780.43                      | 14                         | 0.33              | 0.33   | 24                      |
| 21  | 1780.39                           | 1780.40                      | 14                         | 0.33              | 0.33   | 24                      |
| 22  | 1780.36                           | 1780.37                      | 17                         | 0.33              | 0.33   | 24                      |
| 23  | 1780.34                           | 1780.35                      | 18                         | 0.33              | 0.33   | 25                      |
| 24  | 1780.31                           | 1780.33                      | 14                         | 0.33              | 0.33   | 24                      |
| 25  | 1780.29                           | 1780.30                      | 17                         | 0.33              | 0.33   | 24                      |
| 26  | 1780.26                           | 1780.28                      | 10                         | 0.33              | 0.33   | 24                      |
| 27  | 1780.23                           | 1780.24                      | 17                         | 0.33              | 0.33   | 24                      |
| 28  | 1780.21                           | 1780.22                      | 14                         | 0.33              | 0.33   | 24                      |
| 29  | 1780.17                           | 1780.19                      | 10                         | 0.33              | 0.33   | 24                      |
| 30  | 1780.14                           | 1780.15                      | 17                         | 0.33              | 0.33   | 24                      |
| 31  | 1780.11                           | 1780.13                      | 10                         | 0.33              | 0.33   | 24                      |

AVERAGE 23 33

CHANGE IN STORAGE DURING THE MONTH -0.028 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, 2022

| Day | Reservoir Elevation Average Daily | Reservoir Elevation Midnight | Net Reservoir Inflow (cfs) | Gate Opening (ft) |        | Reservoir Release (cfs) |
|-----|-----------------------------------|------------------------------|----------------------------|-------------------|--------|-------------------------|
|     |                                   |                              |                            | Gate A            | Gate B |                         |
| 1   | 1704.35                           | 1704.36                      | 105                        | 1.33              | 1.33   | 120                     |
| 2   | 1704.37                           | 1704.35                      | 150                        | 1.33              | 1.33   | 120                     |
| 3   | 1704.37                           | 1704.37                      | 105                        | 1.33              | 1.33   | 120                     |
| 4   | 1704.36                           | 1704.36                      | 89                         | 1.33              | 1.33   | 119                     |
| 5   | 1704.33                           | 1704.34                      | 89                         | 1.33              | 1.33   | 119                     |
| 6   | 1704.31                           | 1704.32                      | 104                        | 1.33              | 1.33   | 119                     |
| 7   | 1704.30                           | 1704.31                      | 75                         | 1.33              | 1.33   | 119                     |
| 8   | 1704.28                           | 1704.28                      | 104                        | 1.33              | 1.33   | 118                     |
| 9   | 1704.25                           | 1704.27                      | 75                         | 1.33              | 1.33   | 118                     |
| 10  | 1704.25                           | 1704.23                      | 132                        | 1.33              | 1.33   | 118                     |
| 11  | 1704.23                           | 1704.24                      | 89                         | 1.33              | 1.33   | 118                     |
| 12  | 1704.20                           | 1704.22                      | 75                         | 1.33              | 1.33   | 118                     |
| 13  | 1704.17                           | 1704.19                      | 55                         | 1.33              | 1.33   | 117                     |
| 14  | 1704.13                           | 1704.15                      | 39                         | 1.33              | 1.33   | 117                     |
| 15  | 1704.08                           | 1704.11                      | 28                         | 1.33              | 1.33   | 116                     |
| 16  | 1704.04                           | 1704.05                      | 87                         | 1.33              | 1.33   | 116                     |
| 17  | 1704.02                           | 1704.03                      | 86                         | 1.33              | 1.33   | 115                     |
| 18  | 1703.98                           | 1704.00                      | 72                         | 1.33              | 1.33   | 115                     |
| 19  | 1703.96                           | 1703.97                      | 50                         | 0.83              | 0.83   | 93                      |
| 20  | 1703.94                           | 1703.94                      | 67                         | 0.83              | 0.83   | 81                      |
| 21  | 1703.92                           | 1703.93                      | 52                         | 0.83              | 0.83   | 81                      |
| 22  | 1703.90                           | 1703.91                      | 51                         | 0.83              | 0.83   | 80                      |
| 23  | 1703.88                           | 1703.89                      | 37                         | 0.83              | 0.83   | 80                      |
| 24  | 1703.86                           | 1703.87                      | 51                         | 0.83              | 0.83   | 80                      |
| 25  | 1703.83                           | 1703.85                      | 37                         | 0.83              | 0.83   | 80                      |
| 26  | 1703.81                           | 1703.82                      | 51                         | 0.83              | 0.83   | 80                      |
| 27  | 1703.79                           | 1703.80                      | 50                         | 0.83              | 0.83   | 79                      |
| 28  | 1703.76                           | 1703.78                      | 50                         | 0.83              | 0.83   | 79                      |
| 29  | 1703.74                           | 1703.75                      | 36                         | 0.83              | 0.83   | 79                      |
| 30  | 1703.71                           | 1703.72                      | 50                         | 0.83              | 0.83   | 79                      |
| 31  | 1703.69                           | 1703.70                      | 50                         | 0.83              | 0.83   | 79                      |

AVERAGE 71 102

CHANGE IN STORAGE DURING THE MONTH -0.085 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 5, 2022

| 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<br>29                    | 751.59                      | 18.21                               | 12 AM - Mid  | 4,100                      | 1,480                    | 5,580                         |
| Sunday<br>30                      | 751.33                      | 17.97                               | 12 AM - Mid  | 4,100                      | 1,360                    | 5,460                         |
| Monday<br>31                      | 750.98                      | 17.64                               | 12 AM - Mid  | 4,100                      | 1,200                    | 5,300                         |
| Tuesday<br>1                      | 750.61                      | 17.30                               | 12 AM - Mid  | 4,050                      | 1,270                    | 5,320                         |
| Wednesday<br>2                    | 750.29                      | 17.01                               | 12 AM - Mid  | 1,430                      | 1,200                    | 2,630                         |
| Thursday<br>3                     | 750.20                      | 16.93                               | 12 AM - Mid  | 1,070                      | 1,260                    | 2,330                         |
| Friday<br>4                       | 750.24                      | 16.96                               | 12 AM - Mid  | 1,100                      | 1,280                    | 2,380                         |
| Saturday<br>5                     | 750.32                      | 17.04                               | 12 AM - Mid  | 1,090                      | 1,110                    | 2,200                         |
| CHANGE IN STORAGE DURING THE WEEK |                             | -1.17                               | * 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 | 761.69 | 28.31    | 6   | 2017 | 750.70 | 17.39    |
| 2   | 2020 | 760.00 | 26.53    | 7   | 2022 | 750.32 | 17.04    |
| 3   | 2018 | 753.45 | 19.97    | 8   | 2021 | 750.31 | 17.02    |
| 4   | 2016 | 751.72 | 18.33    | 9   | 2014 | 749.90 | 16.65    |
| 5   | 2013 | 751.66 | 18.28    | 10  | 2015 | 749.70 | 16.47    |

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 12, 2022

| 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<br>5                     | 750.32                      | 17.04                               | 12 AM - Mid  | 1,090                      | 1,110                    | 2,200                         |
| Sunday<br>6                       | 750.28                      | 17.00                               | 12 AM - Mid  | 1,070                      | 1,290                    | 2,360                         |
| Monday<br>7                       | 750.22                      | 16.95                               | 12 AM - Mid  | 1,100                      | 1,260                    | 2,360                         |
| Tuesday<br>8                      | 750.18                      | 16.91                               | 12 AM - Mid  | 1,250                      | 1,290                    | 2,540                         |
| Wednesday<br>9                    | 750.17                      | 16.90                               | 12 AM - Mid  | 1,180                      | 1,330                    | 2,510                         |
| Thursday<br>10                    | 750.05                      | 16.79                               | 12 AM - Mid  | 1,150                      | 1,270                    | 2,420                         |
| Friday<br>11                      | 750.04                      | 16.78                               | 12 AM - Mid  | 1,130                      | 1,290                    | 2,420                         |
| Saturday<br>12                    | 750.01                      | 16.75                               | 12 AM - Mid  | 1,120                      | 1,260                    | 2,380                         |
| CHANGE IN STORAGE DURING THE WEEK |                             | -0.28                               | * 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 | 762.64 | 29.34    | 6   | 2017 | 750.58 | 17.28    |
| 2   | 2020 | 758.48 | 24.96    | 7   | 2021 | 750.08 | 16.82    |
| 3   | 2016 | 752.27 | 18.85    | 8   | 2022 | 750.01 | 16.75    |
| 4   | 2018 | 751.92 | 18.52    | 9   | 2015 | 749.42 | 16.22    |
| 5   | 2013 | 750.87 | 17.54    | 10  | 2014 | 749.36 | 16.16    |

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 19, 2022

| 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<br>12                    | 750.01                      | 16.75                               | 12 AM - Mid  | 1,120                      | 1,260                    | 2,380                         |
| Sunday<br>13                      | 749.97                      | 16.72                               | 12 AM - Mid  | 1,140                      | 1,250                    | 2,390                         |
| Monday<br>14                      | 749.93                      | 16.68                               | 12 AM - Mid  | 1,190                      | 1,230                    | 2,420                         |
| Tuesday<br>15                     | 749.89                      | 16.64                               | 12 AM - Mid  | 1,200                      | 1,210                    | 2,410                         |
| Wednesday<br>16                   | 749.81                      | 16.56                               | 12 AM - Mid  | 1,190                      | 1,080                    | 2,270                         |
| Thursday<br>17                    | 749.76                      | 16.53                               | 12 AM - Mid  | 1,290                      | 1,140                    | 2,430                         |
| Friday<br>18                      | 749.76                      | 16.53                               | 12 AM - Mid  | 1,270                      | 1,970                    | 3,240                         |
| Saturday<br>19                    | 750.21                      | 16.94                               | 12 AM - Mid  | 390                        | 4,170                    | 4,560                         |
| CHANGE IN STORAGE DURING THE WEEK |                             | 0.18                                | * 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 | 761.77 | 28.40    | 6   | 2021 | 749.88 | 16.63    |
| 2   | 2020 | 756.63 | 23.08    | 7   | 2017 | 749.35 | 16.15    |
| 3   | 2016 | 751.05 | 17.71    | 8   | 2014 | 749.21 | 16.02    |
| 4   | 2018 | 750.29 | 17.01    | 9   | 2013 | 749.15 | 15.97    |
| 5   | 2022 | 750.21 | 16.94    | 10  | 2015 | 749.14 | 15.96    |

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 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<br>29                    | 1,639.21                    | 1.69                  | 12 AM - Mid                     | 222                        | 123                       | 810                           |
| Sunday<br>30                      | 1,639.15                    | 1.68                  | 12 AM - Mid                     | 222                        | 119                       | 800                           |
| Monday<br>31                      | 1,639.09                    | 1.67                  | 12 AM - Mid                     | 222                        | 116                       | 790                           |
| Tuesday<br>1                      | 1,639.01                    | 1.66                  | 12 AM - Mid                     | 222                        | 113                       | 780                           |
| Wednesday<br>2                    | 1,638.88                    | 1.64                  | 12 AM - Mid                     | 222                        | 111                       | 770                           |
| Thursday<br>3                     | 1,638.82                    | 1.63                  | 12 AM - Mid                     | 222                        | 113                       | 760                           |
| Friday<br>4                       | 1,638.81                    | 1.63                  | 12 AM - Mid                     | 222                        | 128                       | 750                           |
| Saturday<br>5                     | 1,638.79                    | 1.62                  | 12 AM - Mid                     | 221                        | 131                       | 700                           |
| CHANGE IN STORAGE DURING THE WEEK |                             | -0.06                 | * 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 | 1,643.83 | 2.41     | 6   | 2016 | 1,640.61 | 1.90     |
| 2   | 2019 | 1,641.29 | 2.01     | 7   | 2014 | 1,640.53 | 1.89     |
| 3   | 2013 | 1,641.06 | 1.97     | 8   | 2015 | 1,639.60 | 1.75     |
| 4   | 2017 | 1,640.85 | 1.94     | 9   | 2022 | 1,638.79 | 1.62     |
| 5   | 2021 | 1,640.69 | 1.91     | 10  | 2020 | 1,638.36 | 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 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<br>5  | 1,638.79                    | 1.62                  | 12 AM - Mid        | 221                        | 131                       | 700                           |
| Sunday<br>6    | 1,638.70                    | 1.61                  | 12 AM - Mid        | 221                        | 131                       | 690                           |
| Monday<br>7    | 1,638.65                    | 1.60                  | 12 AM - Mid        | 183                        | 130                       | 680                           |
| Tuesday<br>8   | 1,638.62                    | 1.60                  | 12 AM - Mid        | 164                        | 127                       | 670                           |
| Wednesday<br>9 | 1,638.59                    | 1.59                  | 12 AM - Mid        | 163                        | 124                       | 660                           |
| Thursday<br>10 | 1,638.56                    | 1.59                  | 12 AM - Mid        | 163                        | 122                       | 650                           |
| Friday<br>11   | 1,638.52                    | 1.58                  | 12 AM - Mid        | 162                        | 119                       | 640                           |
| Saturday<br>12 | 1,638.49                    | 1.58                  | 12 AM - Mid        | 162                        | 123                       | 630                           |

|                                   |       |                                 |
|-----------------------------------|-------|---------------------------------|
| CHANGE IN STORAGE DURING THE WEEK | -0.05 | * 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 | 1,643.04 | 2.29     | 6   | 2021 | 1,639.88 | 1.79     |
| 2   | 2017 | 1,641.98 | 2.12     | 7   | 2015 | 1,639.35 | 1.71     |
| 3   | 2019 | 1,641.60 | 2.06     | 8   | 2014 | 1,639.16 | 1.68     |
| 4   | 2016 | 1,640.85 | 1.94     | 9   | 2022 | 1,638.49 | 1.58     |
| 5   | 2013 | 1,640.76 | 1.92     | 10  | 2020 | 1,638.33 | 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 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<br>12  | 1,638.49                    | 1.58                  | 12 AM - Mid        | 162                        | 123                       | 630                           |
| Sunday<br>13    | 1,638.47                    | 1.58                  | 12 AM - Mid        | 162                        | 127                       | 630                           |
| Monday<br>14    | 1,638.44                    | 1.57                  | 12 AM - Mid        | 161                        | 127                       | 630                           |
| Tuesday<br>15   | 1,638.42                    | 1.57                  | 12 AM - Mid        | 161                        | 124                       | 625                           |
| Wednesday<br>16 | 1,638.38                    | 1.56                  | 12 AM - Mid        | 161                        | 120                       | 620                           |
| Thursday<br>17  | 1,638.37                    | 1.56                  | 12 AM - Mid        | 161                        | 127                       | 630                           |
| Friday<br>18    | 1,638.55                    | 1.59                  | 12 AM - Mid        | 162                        | 249                       | 1,770                         |
| Saturday<br>19  | 1,639.23                    | 1.69                  | 12 AM - Mid        | 165                        | 879                       | 7,180                         |

|                                   |      |                                 |
|-----------------------------------|------|---------------------------------|
| CHANGE IN STORAGE DURING THE WEEK | 0.11 | * 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 | 1,642.45 | 2.19     | 6   | 2022 | 1,639.23 | 1.69     |
| 2   | 2017 | 1,641.64 | 2.06     | 7   | 2021 | 1,639.13 | 1.68     |
| 3   | 2019 | 1,640.90 | 1.94     | 8   | 2015 | 1,639.00 | 1.66     |
| 4   | 2016 | 1,640.78 | 1.92     | 9   | 2014 | 1,638.48 | 1.58     |
| 5   | 2013 | 1,640.14 | 1.83     | 10  | 2020 | 1,638.09 | 1.52     |

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 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<br>29 | 1,665.21                    | 1.76                  | 12 AM -Mid         | 600                                  | 731                            | 2,710                            |
| Sunday<br>30   | 1,664.94                    | 1.71                  | 12 AM -Mid         | 600                                  | 923                            | 2,700                            |
| Monday<br>31   | 1,664.66                    | 1.67                  | 12 AM -Mid         | 600                                  | 733                            | 2,520                            |
| Tuesday<br>1   | 1,664.39                    | 1.62                  | 12 AM -Mid         | 600                                  | 691                            | 2,450                            |
| Wednesday<br>2 | 1,664.10                    | 1.57                  | 12 AM -Mid         | 600                                  | 669                            | 2,100                            |
| Thursday<br>3  | 1,663.81                    | 1.53                  | 12 AM -Mid         | 600                                  | 792                            | 2,030                            |
| Friday<br>4    | 1,663.60                    | 1.49                  | 12 AM -Mid         | 396                                  | 825                            | 2,530                            |
| Saturday<br>5  | 1,663.49                    | 1.47                  | 12 AM -Mid         | 250                                  | 516                            | 2,520                            |

|                                   |       |
|-----------------------------------|-------|
| CHANGE IN STORAGE DURING THE WEEK | -0.28 |
|-----------------------------------|-------|

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

| NO. | YEAR | ELEV.    | CAPACITY | NO. | YEAR | ELEV.    | CAPACITY |
|-----|------|----------|----------|-----|------|----------|----------|
| 1   | 2014 | 1,674.06 | 3.43     | 6   | 2017 | 1,669.64 | 2.49     |
| 2   | 2018 | 1,673.67 | 3.34     | 7   | 2016 | 1,668.97 | 2.38     |
| 3   | 2019 | 1,669.98 | 2.55     | 8   | 2021 | 1,667.14 | 2.08     |
| 4   | 2020 | 1,669.97 | 2.55     | 9   | 2015 | 1,664.94 | 1.71     |
| 5   | 2013 | 1,669.80 | 2.52     | 10  | 2022 | 1,663.49 | 1.47     |

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 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<br>5  | 1,663.49                    | 1.47                  | 12 AM -Mid         | 250                                  | 516                            | 2,520                            |
| Sunday<br>6    | 1,663.45                    | 1.47                  | 12 AM -Mid         | 250                                  | 315                            | 2,350                            |
| Monday<br>7    | 1,663.39                    | 1.46                  | 12 AM -Mid         | 250                                  | 342                            | 2,050                            |
| Tuesday<br>8   | 1,663.33                    | 1.45                  | 12 AM -Mid         | 250                                  | 366                            | 1,900                            |
| Wednesday<br>9 | 1,663.28                    | 1.44                  | 12 AM -Mid         | 250                                  | 335                            | 1,910                            |
| Thursday<br>10 | 1,663.22                    | 1.43                  | 12 AM -Mid         | 250                                  | 304                            | 1,890                            |
| Friday<br>11   | 1,663.18                    | 1.42                  | 12 AM -Mid         | 250                                  | 378                            | 1,890                            |
| Saturday<br>12 | 1,663.13                    | 1.41                  | 12 AM -Mid         | 250                                  | 366                            | 2,190                            |

|                                   |       |
|-----------------------------------|-------|
| CHANGE IN STORAGE DURING THE WEEK | -0.06 |
|-----------------------------------|-------|

**ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS**

| NO. | YEAR | ELEV.    | CAPACITY | NO. | YEAR | ELEV.    | CAPACITY |
|-----|------|----------|----------|-----|------|----------|----------|
| 1   | 2014 | 1,673.07 | 3.20     | 6   | 2020 | 1,668.54 | 2.31     |
| 2   | 2018 | 1,672.86 | 3.16     | 7   | 2016 | 1,668.44 | 2.29     |
| 3   | 2019 | 1,670.74 | 2.70     | 8   | 2021 | 1,666.57 | 1.98     |
| 4   | 2013 | 1,670.06 | 2.56     | 9   | 2015 | 1,663.97 | 1.55     |
| 5   | 2017 | 1,669.40 | 2.45     | 10  | 2022 | 1,663.13 | 1.41     |

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 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<br>12  | 1,663.13                    | 1.41                  | 12 AM -Mid         | 250                                  | 366                            | 2,190                            |
| Sunday<br>13    | 1,663.14                    | 1.42                  | 12 AM -Mid         | 250                                  | 355                            | 2,470                            |
| Monday<br>14    | 1,663.12                    | 1.41                  | 12 AM -Mid         | 250                                  | 363                            | 2,920                            |
| Tuesday<br>15   | 1,663.07                    | 1.40                  | 12 AM -Mid         | 250                                  | 370                            | 3,150                            |
| Wednesday<br>16 | 1,663.01                    | 1.39                  | 12 AM -Mid         | 250                                  | 371                            | 2,730                            |
| Thursday<br>17  | 1,662.95                    | 1.38                  | 12 AM -Mid         | 250                                  | 374                            | 2,670                            |
| Friday<br>18    | 1,663.20                    | 1.43                  | 12 AM -Mid         | 250                                  | 694                            | 5,250                            |
| Saturday<br>19  | 1,663.89                    | 1.54                  | 12 AM -Mid         | 250                                  | 768                            | 7,280                            |

|                                   |      |
|-----------------------------------|------|
| CHANGE IN STORAGE DURING THE WEEK | 0.13 |
|-----------------------------------|------|

ELEVATIONS AND CAPACITIES ON THIS DATE FOR THE PAST TEN YEARS

| NO. | YEAR | ELEV.    | CAPACITY | NO. | YEAR | ELEV.    | CAPACITY |
|-----|------|----------|----------|-----|------|----------|----------|
| 1   | 2018 | 1,672.01 | 2.97     | 6   | 2016 | 1,668.28 | 2.26     |
| 2   | 2014 | 1,671.89 | 2.95     | 7   | 2020 | 1,666.78 | 2.02     |
| 3   | 2019 | 1,670.27 | 2.61     | 8   | 2021 | 1,665.84 | 1.86     |
| 4   | 2013 | 1,669.75 | 2.51     | 9   | 2022 | 1,663.89 | 1.54     |
| 5   | 2017 | 1,668.39 | 2.28     | 10  | 2015 | 1,662.96 | 1.39     |

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 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<br>29    | 1,703.75                    | 0.499                 | 79                        | 1,780.19                    | 0.122                 | 24                        |
| Sunday<br>30      | 1,703.72                    | 0.496                 | 79                        | 1,780.16                    | 0.121                 | 24                        |
| Monday<br>31      | 1,703.70                    | 0.493                 | 79                        | 1,780.13                    | 0.120                 | 24                        |
| Tuesday<br>1      | 1,703.68                    | 0.491                 | 78                        | 1,780.09                    | 0.119                 | 24                        |
| Wednesday<br>2    | 1,703.65                    | 0.487                 | 78                        | 1,780.06                    | 0.118                 | 23                        |
| Thursday<br>3     | 1,703.62                    | 0.482                 | 78                        | 1,780.03                    | 0.117                 | 23                        |
| Friday<br>4       | 1,703.68                    | 0.491                 | 79                        | 1,780.09                    | 0.119                 | 24                        |
| Saturday<br>5     | 1,703.69                    | 0.492                 | 78                        | 1,780.09                    | 0.119                 | 24                        |
| CHANGE IN STORAGE |                             | -0.008                |                           |                             | -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 | 1,704.13 | 0.546    | 1                    | 2018 | 1,782.62 | 0.196    |
| 2                   | 2022 | 1,703.69 | 0.546    | 2                    | 2020 | 1,780.92 | 0.144    |
| 3                   | 2021 | 1,703.67 | 0.492    | 3                    | 2021 | 1,780.51 | 0.132    |
| 4                   | 2019 | 1,703.58 | 0.488    | 4                    | 2022 | 1,780.09 | 0.119    |
| 5                   | 2020 | 1,703.18 | 0.477    | 5                    | 2019 | 1,780.03 | 0.117    |

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 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<br>5     | 1,703.69                    | 0.492                 | 78                        | 1,780.09                    | 0.119                 | 24                        |
| Sunday<br>6       | 1,703.66                    | 0.488                 | 78                        | 1,780.07                    | 0.118                 | 23                        |
| Monday<br>7       | 1,703.64                    | 0.486                 | 78                        | 1,780.04                    | 0.117                 | 23                        |
| Tuesday<br>8      | 1,703.62                    | 0.482                 | 78                        | 1,780.01                    | 0.117                 | 23                        |
| Wednesday<br>9    | 1,703.59                    | 0.478                 | 78                        | 1,779.99                    | 0.116                 | 23                        |
| Thursday<br>10    | 1,703.57                    | 0.476                 | 77                        | 1,779.96                    | 0.115                 | 23                        |
| Friday<br>11      | 1,703.55                    | 0.473                 | 77                        | 1,779.95                    | 0.115                 | 23                        |
| Saturday<br>12    | 1,703.52                    | 0.469                 | 77                        | 1,779.93                    | 0.114                 | 23                        |
| CHANGE IN STORAGE |                             | -0.023                |                           |                             | -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 | 1,703.90 | 0.517    | 1                    | 2018 | 1,781.88 | 0.173    |
| 2                   | 2022 | 1,703.52 | 0.469    | 2                    | 2019 | 1,780.70 | 0.137    |
| 3                   | 2018 | 1,703.51 | 0.469    | 3                    | 2020 | 1,780.43 | 0.129    |
| 4                   | 2021 | 1,703.46 | 0.463    | 4                    | 2021 | 1,780.39 | 0.128    |
| 5                   | 2020 | 1,703.17 | 0.426    | 5                    | 2022 | 1,779.93 | 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

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CHIEF ENGINEER

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

FOR WEEK ENDING: **February 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<br>12    | 1,703.52                    | 0.469                 | 77                        | 1,779.93                    | 0.114                 | 23                        |
| Sunday<br>13      | 1,703.58                    | 0.477                 | 77                        | 1,779.98                    | 0.116                 | 23                        |
| Monday<br>14      | 1,703.56                    | 0.474                 | 77                        | 1,779.98                    | 0.116                 | 23                        |
| Tuesday<br>15     | 1,703.54                    | 0.472                 | 77                        | 1,779.96                    | 0.115                 | 23                        |
| Wednesday<br>16   | 1,703.52                    | 0.469                 | 77                        | 1,779.94                    | 0.115                 | 23                        |
| Thursday<br>17    | 1,703.50                    | 0.468                 | 77                        | 1,779.81                    | 0.111                 | 23                        |
| Friday<br>18      | 1,703.72                    | 0.496                 | 173                       | 1,780.13                    | 0.120                 | 52                        |
| Saturday<br>19    | 1,703.86                    | 0.512                 | 229                       | 1,780.82                    | 0.141                 | 77                        |
| CHANGE IN STORAGE |                             | 0.043                 |                           |                             | 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                   | 2022 | 1,703.86 | 0.512    | 1                    | 2018 | 1,781.12 | 0.150    |
| 2                   | 2019 | 1,703.73 | 0.497    | 2                    | 2022 | 1,780.82 | 0.141    |
| 3                   | 2018 | 1,703.45 | 0.462    | 3                    | 2021 | 1,780.30 | 0.125    |
| 4                   | 2021 | 1,703.30 | 0.442    | 4                    | 2019 | 1,780.28 | 0.125    |
| 5                   | 2020 | 1,702.97 | 0.401    | 5                    | 2020 | 1,779.86 | 0.112    |

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