04256500 STILLWATER RESERVOIR NEAR BEAVER RIVER, NY

Black Watershed

LOCATION.--Lat 43°53′50″, long 75°03′05″ referenced to North American Datum of 1927, Herkimer County, Hydrologic Unit 04150101, in gate house at Stillwater Dam on Beaver River, 2.5 miles upstream from Moshier Creek, and 7.5 miles west of Beaver River post office.

DRAINAGE AREA.--171 mi^2.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1908 to current year. Prior to February 1925, month-end contents only, published in WSP 1307. February 1925 to September 1937, published in WSP 824. Prior to October 1999, daily observations at 0800 hours.

REVISED RECORDS.--WDR NY-85-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929, adjustment of 1912.

COOPERATION.--Supplemental records provided by Board of Hudson River-Black River Regulating District.

REMARKS.--Reservoir originally formed about 1885; enlarged at various times and in 1924 enlarged to a usable capacity of 4,623 mil ft^3 between elevations 1,650.3 ft and 1,679.3 ft (top of 24-inch flashboards in place throughout year). Elevation of gate sill of lowest outlet, 1,642.3 ft. Capacity below elevation 1,650.3 ft, 90 mil ft^3, is included in records presented herein, but is not ordinarily available for release. Reservoir is used to regulate flow of Beaver and Black Rivers for flood control, power development and general public welfare. Satellite and telephone gage-height and rain-gage telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum observed elevation, 1,680.08 ft, May 20, 1969, contents, 4,939 mil ft^3; minimum observed since first filling, 1,644.80 ft, Mar. 25-27, 1949, contents, 8 mil ft^3.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,675.69 ft, May 24, contents, 3,729 mil ft^3; minimum, 1,660.87 ft, Mar. 29, contents, 927 mil ft^3.

Capacity table
(elevation, in feet, and contents in millions of cubic feet)

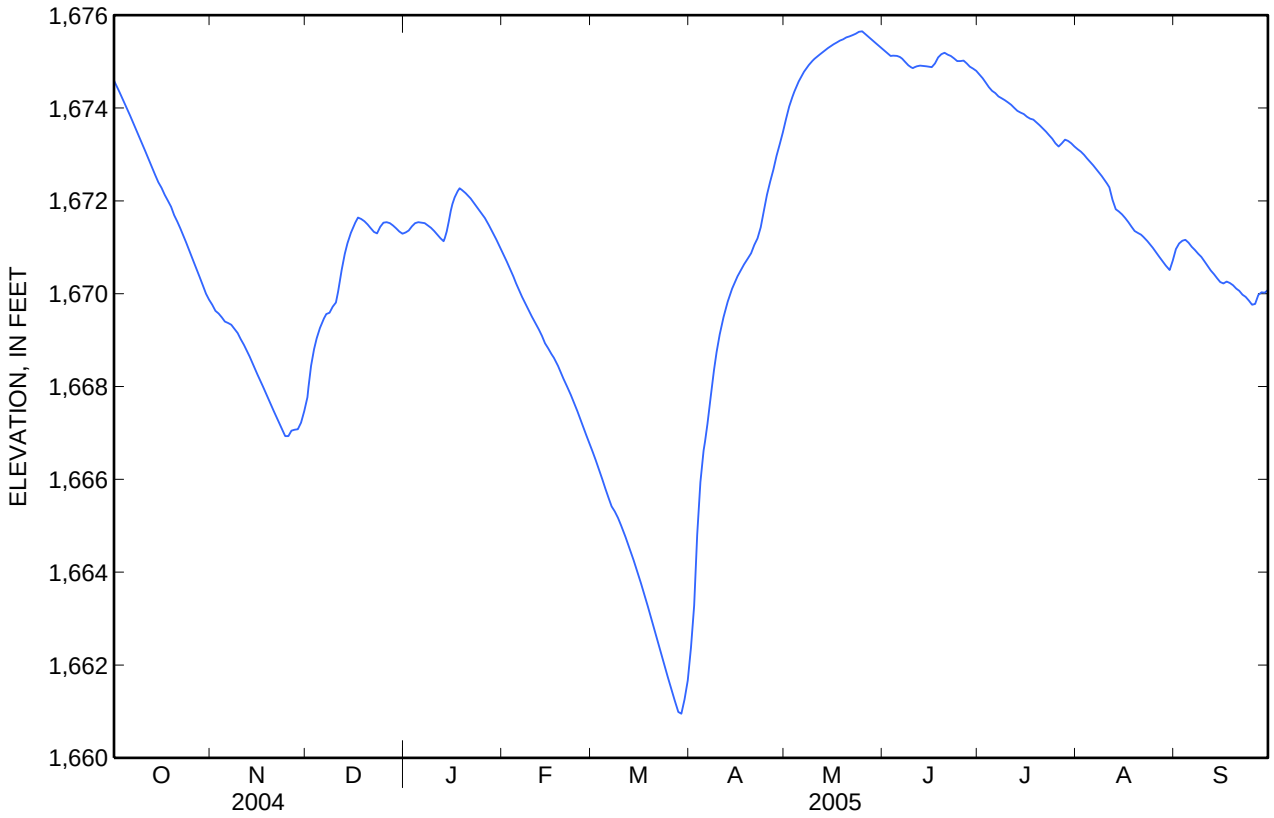
1,658.0	604	1,670.0	2,431
1,660.0	821	1,675.0	3,556
1,665.0	1,518	1,680.0	4,916

04256500 STILLWATER RESERVOIR NEAR BEAVER RIVER, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,674.59	1,669.76	1,667.77	1,671.32	1,670.83	1,666.59	1,662.37	1,673.76	1,675.24	1,674.72	1,673.11	1,670.96
2	1,674.44	1,669.63	1,668.35	1,671.36	1,670.67	1,666.41	1,663.28	1,674.03	1,675.18	1,674.64	1,673.06	1,671.08
3	1,674.31	1,669.57	1,668.76	1,671.45	1,670.52	1,666.21	1,664.81	1,674.24	1,675.12	1,674.55	1,672.99	1,671.14
4	1,674.15	1,669.49	1,669.05	1,671.52	1,670.37	1,666.01	1,665.94	1,674.41	1,675.12	1,674.45	1,672.91	1,671.16
5	1,674.01	1,669.40	1,669.26	1,671.54	1,670.21	1,665.80	1,666.62	1,674.57	1,675.12	1,674.37	1,672.83	1,671.10
6	1,673.84	1,669.37	1,669.44	1,671.53	1,670.05	1,665.60	1,667.13	1,674.70	1,675.10	1,674.32	1,672.76	1,671.01
7	1,673.69	1,669.33	1,669.56	1,671.52	1,669.88	1,665.42	1,667.62	1,674.82	1,675.03	1,674.25	1,672.67	1,670.94
8	1,673.54	1,669.24	1,669.59	1,671.47	1,669.74	1,665.31	1,668.20	1,674.90	1,674.97	1,674.21	1,672.59	1,670.86
9	1,673.37	1,669.15	1,669.72	1,671.42	1,669.61	1,665.17	1,668.70	1,674.99	1,674.89	1,674.17	1,672.49	1,670.79
10	1,673.21	1,669.02	1,669.81	1,671.35	1,669.50	1,665.00	1,669.09	1,675.06	1,674.86	1,674.12	1,672.40	1,670.70
11	1,673.05	1,668.89	1,670.16	1,671.27	1,669.37	1,664.83	1,669.42	1,675.11	1,674.89	1,674.07	1,672.29	1,670.60
12	1,672.88	1,668.77	1,670.58	1,671.19	1,669.23	1,664.65	1,669.68	1,675.18	1,674.91	1,674.00	1,672.02	1,670.50
13	1,672.72	1,668.61	1,670.91	1,671.13	1,669.09	1,664.45	1,669.91	1,675.22	1,674.91	1,673.94	1,671.82	1,670.42
14	1,672.56	1,668.45	1,671.16	1,671.34	1,668.93	1,664.24	1,670.11	1,675.28	1,674.90	1,673.90	1,671.77	1,670.33
15	1,672.40	1,668.30	1,671.35	1,671.72	1,668.82	1,664.03	1,670.27	1,675.33	1,674.89	1,673.87	1,671.71	1,670.25
16	1,672.28	1,668.15	1,671.52	1,671.97	1,668.70	1,663.81	1,670.41	1,675.37	1,674.88	1,673.81	1,671.63	1,670.22
17	1,672.13	1,668.00	1,671.64	1,672.16	1,668.59	1,663.58	1,670.54	1,675.41	1,674.96	1,673.77	1,671.54	1,670.26
18	1,672.00	1,667.84	1,671.61	1,672.27	1,668.45	1,663.35	1,670.66	1,675.45	1,675.09	1,673.75	1,671.44	1,670.23
19	1,671.87	1,667.69	1,671.56	1,672.22	1,668.30	1,663.12	1,670.76	1,675.48	1,675.16	1,673.69	1,671.35	1,670.18
20	1,671.69	1,667.53	1,671.49	1,672.16	1,668.14	1,662.88	1,670.87	1,675.52	1,675.19	1,673.63	1,671.31	1,670.11
21	1,671.55	1,667.38	1,671.41	1,672.09	1,667.99	1,662.64	1,671.05	1,675.54	1,675.15	1,673.56	1,671.27	1,670.06
22	1,671.39	1,667.24	1,671.33	1,672.00	1,667.83	1,662.40	1,671.19	1,675.57	1,675.12	1,673.49	1,671.20	1,669.98
23	1,671.23	1,667.08	1,671.30	1,671.92	1,667.67	1,662.16	1,671.43	1,675.60	1,675.07	1,673.41	1,671.13	1,669.93
24	1,671.06	1,666.93	1,671.44	1,671.82	1,667.50	1,661.91	1,671.79	1,675.64	1,675.01	1,673.34	1,671.05	1,669.85
25	1,670.88	1,666.93	1,671.53	1,671.72	1,667.32	1,661.68	1,672.13	1,675.65	1,675.01	1,673.24	1,670.96	1,669.76
26	1,670.71	1,667.05	1,671.54	1,671.63	1,667.14	1,661.44	1,672.41	1,675.60	1,675.02	1,673.17	1,670.87	1,669.78
27	1,670.54	1,667.07	1,671.52	1,671.51	1,666.95	1,661.19	1,672.67	1,675.54	1,674.96	1,673.24	1,670.77	1,669.97
28	1,670.36	1,667.08	1,671.47	1,671.38	1,666.77	1,660.99	1,672.97	1,675.47	1,674.89	1,673.32	1,670.67	1,670.03
29	1,670.18	1,667.22	1,671.41	1,671.25	---	1,660.95	1,673.22	1,675.41	1,674.85	1,673.29	1,670.59	1,670.02
30	1,670.00	1,667.47	1,671.34	1,671.11	---	1,661.26	1,673.47	1,675.35	1,674.80	1,673.24	1,670.51	1,670.08
31	1,669.87	---	1,671.29	1,670.97	---	1,661.67	---	1,675.30	---	1,673.17	1,670.71	---
Mean	1,672.27	1,668.26	1,670.61	1,671.59	1,668.86	1,663.70	1,669.62	1,675.14	1,675.01	1,673.83	1,671.76	1,670.41
Max	1,674.59	1,669.76	1,671.64	1,672.27	1,670.83	1,666.59	1,673.47	1,675.65	1,675.24	1,674.72	1,673.11	1,671.16
Min	1,669.87	1,666.93	1,667.77	1,670.97	1,666.77	1,660.95	1,662.37	1,673.76	1,674.80	1,673.17	1,670.51	1,669.76
†	2392	1961	2701	2619	1800	1070	3221	3624	3500	3110	2615	2447
††	-403	-166	+276	-30.6	-338	-272	+830	+150	-47.8	-146	-185	-64.8

	Calendar Year 2004	Water Year 2005
Mean	1,673.08	1,670.94
Max	1,680.01	1,675.65
Min	1,661.05	1,660.95
††	-57.7	-32.5

† Contents, in millions of cubic feet, at 2400 hours on last day of month.
†† Change in contents, equivalent in cubic feet per second.

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