

Water-Data Report 2006

**04216220 NIAGARA RIVER AT BLACK ROCK LOCK, BUFFALO, NY**

Eastern Lake Erie Basin  
Niagara Subbasin

LOCATION.--Lat 42°56'02", long 78°54'17" referenced to North American Datum of 1927, Erie County, NY, Hydrologic Unit 04120104, at Black Rock Lock adjacent to U.S. Army Corps of Engineers installation at foot of Hamilton Street, Buffalo and 0.2 mi downstream from International railroad bridge.

DRAINAGE AREA.--263,700 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1984 to March 1997, November 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is International Great Lakes Datum (IGLD) of 1985. Prior to Oct 1, 1991, datum of gage was International Great Lakes Datum (IGLD) of 1955, 0.67 ft lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily elevation, 568.80 ft, datum then in use, Jan 21, 1985, but may have been higher during period of no gage height record Nov 11 to Dec 10, 1984; minimum daily, 561.92 ft, Jan 14, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum daily elevation, 566.36 ft, Mar 15; minimum daily elevation, 564.13 ft, Jan 16.

## 04216220 NIAGARA RIVER AT BLACK ROCK LOCK, BUFFALO, NY—Continued

**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	565.51	565.13	564.58	564.63	564.85	564.91	565.20	564.99	565.70	565.78	566.01	565.26
2	565.39	564.94	565.37	564.25	564.74	564.73	564.89	565.01	565.73	566.09	566.02	565.03
3	565.39	565.24	565.06	564.31	564.83	565.12	565.26	565.13	565.84	565.75	566.00	565.80
4	565.36	564.95	564.65	564.44	564.69	565.28	565.45	565.11	565.78	565.78	565.95	565.71
5	565.38	564.86	564.79	565.03	566.17	564.90	565.29	565.04	565.89	565.75	565.78	565.66
6	565.43	565.72	564.90	564.76	566.25	564.72	565.06	565.18	565.83	565.67	565.77	565.74
7	565.18	565.18	564.86	564.94	565.24	564.83	565.04	565.04	565.81	565.61	565.93	565.60
8	564.86	564.73	564.37	564.71	564.85	564.71	565.02	565.00	565.88	565.54	565.72	565.60
9	564.97	564.96	565.31	564.95	565.13	564.70	565.04	564.94	565.98	565.53	565.76	565.60
10	565.12	565.42	565.07	564.70	565.00	565.06	565.04	564.91	565.99	565.68	565.73	565.23
11	565.07	564.87	564.99	564.71	564.73	564.89	564.99	564.94	566.01	565.52	565.42	565.18
12	565.13	564.71	564.42	564.63	564.81	564.86	565.14	565.14	565.95	565.75	565.62	565.44
13	565.29	564.96	564.35	564.55	565.62	565.01	565.14	565.05	565.94	565.63	565.67	565.69
14	565.29	564.90	564.14	564.82	565.19	566.16	565.11	565.04	565.92	565.60	565.85	565.75
15	565.52	564.43	564.19	564.52	564.91	566.36	565.32	565.10	565.93	565.80	565.83	565.67
16	565.55	566.08	565.15	564.13	564.76	565.76	565.08	565.31	565.87	565.77	565.69	565.57
17	565.41	565.63	565.06	564.28	565.89	565.29	564.89	565.43	565.87	565.80	565.54	565.61
18	565.54	564.83	564.68	566.10	565.45	565.34	565.02	565.47	565.87	565.75	565.64	565.67
19	565.40	564.87	565.10	565.00	565.58	565.33	565.03	565.60	565.98	565.59	565.68	565.98
20	565.13	564.95	565.14	564.88	565.69	565.00	565.08	565.69	566.04	565.64	565.82	565.93
21	564.83	564.95	564.81	565.01	565.53	564.82	564.97	565.78	565.80	565.66	565.71	565.67
22	564.79	564.77	564.90	564.73	564.99	565.24	565.04	565.56	566.00	565.56	565.83	565.44
23	565.09	564.56	564.56	564.83	564.98	564.98	565.11	565.56	565.89	565.72	565.55	565.63
24	564.74	565.50	564.24	565.25	565.10	564.92	565.28	565.44	565.87	565.80	565.53	566.21
25	564.78	565.41	564.28	565.44	565.17	565.01	565.19	565.41	565.77	565.89	565.49	565.93
26	565.15	564.48	564.78	565.01	564.85	564.98	565.23	565.46	565.65	565.77	565.34	565.57
27	565.12	564.33	564.64	564.80	564.90	564.95	565.05	565.53	565.71	565.88	565.64	565.65
28	565.07	564.37	564.48	564.76	564.93	564.82	564.95	565.49	565.73	566.14	565.54	565.64
29	565.22	564.79	564.54	564.88	---	564.88	564.82	565.56	565.94	566.05	565.23	565.60
30	565.22	565.11	564.50	564.98	---	564.82	564.84	565.58	565.77	565.95	565.32	565.59
31	565.18	---	564.49	565.03	---	564.82	---	565.66	---	565.96	565.05	---
<b>Mean</b>	565.20	564.99	564.72	564.81	565.17	565.07	565.09	565.30	565.86	565.76	565.67	565.62
<b>Max</b>	565.55	566.08	565.37	566.10	566.25	566.36	565.45	565.78	566.04	566.14	566.02	566.21
<b>Min</b>	564.74	564.33	564.14	564.13	564.69	564.70	564.82	564.91	565.65	565.52	565.05	565.03

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