

Water-Data Report 2013

**03055500 TYGART LAKE NEAR GRAFTON, WV**

Monongahela Basin  
Tygart Valley Subbasin

LOCATION.--Lat 39°18'46", long 80°02'02" referenced to North American Datum of 1927, Taylor County, WV, Hydrologic Unit 05020001, at dam on Tygart Valley River, 2.2 mi upstream from Three Fork Creek, 2.4 mi upstream from Grafton, and at mile 150.9.

DRAINAGE AREA.--1,182 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 2005 to September 2012 (annual maximum and minimum water-surface elevations), October 2012 to September 2013 (daily mean water-surface elevations).

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is at NAVD 88. Prior to Feb. 17, 2010, gage was at NGVD 29. (approximately -0.55 ft below NAVD 88, levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 1,135.65 ft, June 6, 2008; minimum, 1,030.28 ft, Feb. 8, 2009.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,106.03 ft, June 15; minimum elevation, 1,035.29 ft, Jan. 5.

## 03055500 TYGART LAKE NEAR GRAFTON, WV—Continued

**LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NAVD 1988, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,073.29	1,058.57	1,038.75	1,043.64	1,091.09	1,040.55	1,079.37	1,093.65	1,094.29	1,097.02	1,094.28	1,092.90
2	1,072.74	1,060.23	1,038.65	1,040.80	1,093.42	1,040.01	1,087.51	1,093.69	1,093.95	1,096.76	1,094.46	1,092.52
3	1,072.26	1,059.82	1,038.76	1,037.75	1,086.88	1,038.67	1,091.75	1,093.64	1,093.80	1,097.20	1,094.59	1,094.04
4	1,071.75	1,058.19	1,039.42	1,035.91	1,078.07	1,037.27	1,091.08	1,093.65	1,093.90	1,096.35	1,095.00	1,095.86
5	1,071.24	1,055.57	1,040.40	1,035.50	1,068.93	1,036.90	1,089.20	1,093.64	1,094.32	1,094.98	1,095.27	---
6	1,070.70	1,052.69	1,041.53	1,036.25	1,062.23	1,037.03	1,088.90	1,093.74	1,094.63	1,094.75	1,095.15	---
7	1,070.05	1,049.51	1,042.30	1,036.93	1,056.31	1,038.71	1,089.01	1,093.84	1,094.89	1,094.82	1,094.93	---
8	1,069.35	1,047.07	1,043.88	1,037.39	1,051.36	1,040.20	1,088.94	1,094.09	1,095.18	1,094.95	---	---
9	1,068.60	1,043.98	1,047.52	1,037.64	1,050.90	1,039.66	1,089.03	1,095.81	1,095.58	1,095.20	---	---
10	1,067.88	1,041.00	1,055.66	1,037.83	1,051.60	1,038.29	1,089.35	1,096.87	1,095.96	1,095.94	---	---
11	1,067.25	1,040.74	1,066.79	1,038.72	1,051.27	1,037.62	1,089.56	1,097.03	1,095.97	1,097.01	---	---
12	1,066.64	1,041.85	1,071.72	1,040.89	1,052.57	1,039.55	1,089.64	1,099.18	1,095.91	1,097.10	---	1,093.58
13	1,065.95	1,045.46	1,067.35	1,045.73	1,055.23	1,042.97	1,090.49	1,100.85	1,096.70	1,096.62	---	1,093.14
14	1,065.19	1,044.92	1,059.89	1,049.04	1,053.94	1,042.20	1,092.42	1,100.46	1,102.06	1,095.94	1,104.08	1,092.75
15	1,064.42	1,040.47	1,054.06	1,050.15	1,050.68	1,038.78	1,093.42	1,098.86	1,105.62	1,095.34	1,103.76	1,092.37
16	1,063.58	1,040.18	---	1,057.71	1,046.82	1,036.87	1,093.61	1,096.95	1,103.09	1,095.04	1,100.12	1,091.97
17	1,062.69	1,040.42	1,048.18	1,075.10	1,043.77	1,036.18	1,093.77	1,096.00	1,098.67	1,094.49	1,097.77	1,091.50
18	1,061.57	1,039.76	1,047.04	1,082.36	1,040.59	1,037.23	1,094.21	1,095.09	1,096.21	1,094.29	1,096.21	1,090.97
19	1,060.59	1,038.84	1,047.18	1,077.41	1,038.43	1,043.16	1,094.60	1,094.81	1,095.41	1,094.11	1,095.22	1,090.41
20	1,059.80	1,038.91	1,046.58	1,068.91	1,037.28	1,052.16	1,095.12	1,094.62	1,095.35	1,093.89	1,094.76	1,089.81
21	1,059.02	1,038.93	1,046.73	1,059.92	1,037.82	1,057.90	1,096.64	1,094.50	1,094.96	1,093.70	1,094.41	1,089.24
22	1,058.13	1,039.06	1,048.96	1,054.29	1,038.17	1,060.17	1,096.43	1,094.28	1,094.32	1,093.79	1,095.71	1,088.97
23	1,057.10	1,039.03	1,049.39	1,049.41	1,038.23	1,060.74	1,095.37	1,094.53	1,093.87	1,094.40	1,096.74	1,088.79
24	1,055.76	1,038.88	1,048.05	1,044.01	---	1,061.45	1,094.16	1,095.30	1,093.65	1,096.39	1,098.47	1,088.83
25	1,054.32	1,038.62	1,046.57	1,038.98	---	1,061.81	1,093.96	1,095.98	1,093.74	1,097.27	1,098.24	1,088.73
26	1,052.82	1,038.32	1,047.94	1,037.15	1,038.31	1,062.42	1,094.01	1,096.23	1,093.80	1,096.89	1,096.86	1,088.44
27	1,051.30	1,038.15	1,053.53	1,037.15	1,038.59	1,063.88	1,093.88	1,096.11	1,094.18	1,095.73	1,095.24	1,087.99
28	1,049.75	1,038.53	1,055.20	1,037.49	1,039.42	1,065.45	1,093.56	1,095.67	1,095.28	1,094.42	1,095.30	1,087.44
29	1,048.12	1,038.70	1,052.97	1,041.18	---	1,067.41	1,093.30	1,095.11	1,097.96	1,093.76	1,101.30	1,086.84
30	1,051.77	1,038.80	1,049.66	1,050.64	---	1,069.91	1,093.50	1,094.77	1,098.68	1,093.85	1,104.02	1,086.20
31	1,057.30	---	1,046.00	1,069.43	---	1,073.57	---	1,094.58	---	1,094.08	1,097.43	---
<b>Mean</b>	1,062.61	1,044.17	---	1,047.91	---	1,048.35	1,091.86	1,095.60	1,096.06	1,095.36	---	---
<b>Max</b>	1,073.29	1,060.23	---	1,082.36	---	1,073.57	1,096.64	1,100.85	1,105.62	1,097.27	---	---
<b>Min</b>	1,048.12	1,038.15	---	1,035.50	---	1,036.18	1,079.37	1,093.64	1,093.65	1,093.70	---	---

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