Water-Data Report 2011

03049930 ELKWATER FORK NEAR SPANGLER, WV

Monongahela Basin
Tygart Valley Subbasin

LOCATION.--Lat 38°35′54″, long 80°03′40″ referenced to North American Datum of 1983, Randolph County, WV, Hydrologic Unit 05020001.

DRAINAGE AREA.--8.40 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February to September 2011 (daily mean gage height).

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is 2322.00 ft above NAVD 88.

REMARKS.--Dam name: Elkwater Fork

Surface area: 54 acres

Normal Pool = 98.0 ft (Normal Storage = 2071 acre-ft)

Spillway = 99.0 ft

Top of Dam = 119 ft

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 69.62 ft, Sept. 30; minimum, <1.00 ft many times Feb. 19 to Mar. 21 during initial filling of reservoir.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 03049930, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/03049930.2011.pdf

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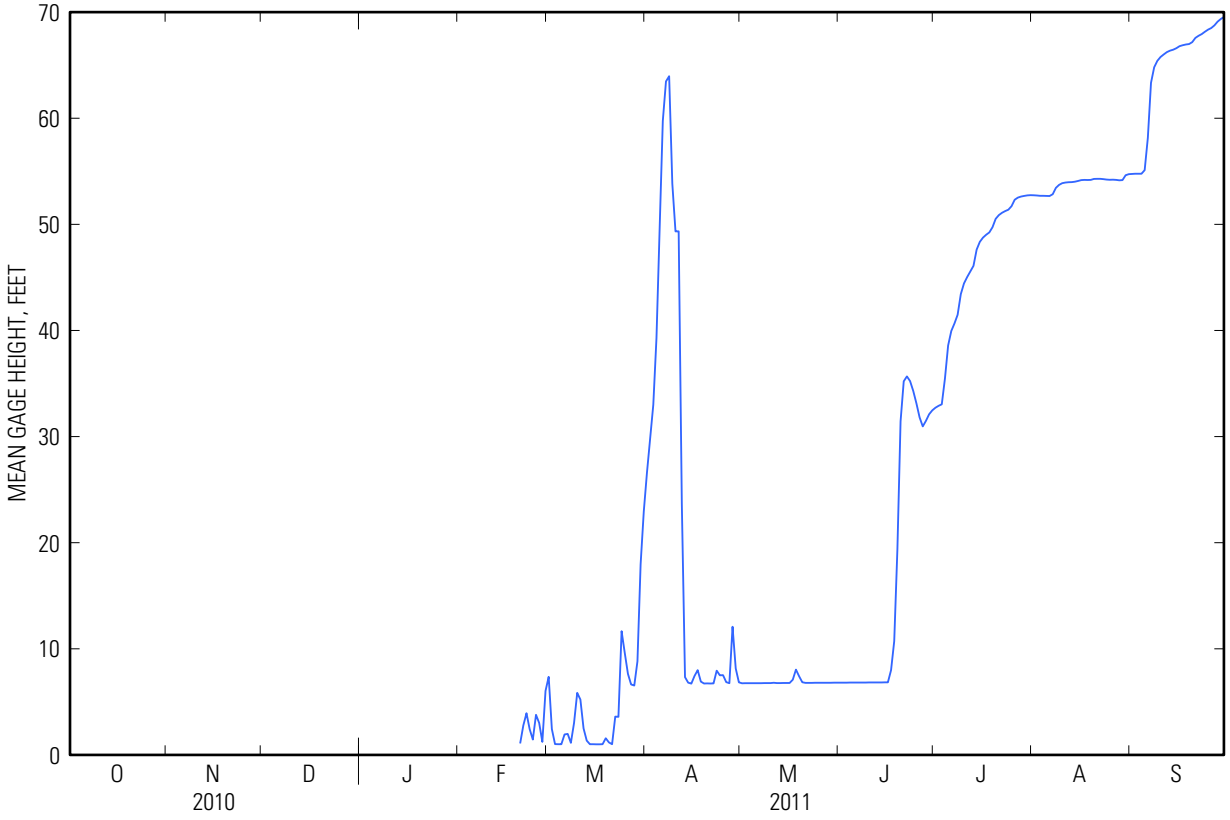
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	7.36	26.60	6.75	6.81	32.72	52.74	54.75
2	---	---	---	---	---	2.44	29.80	6.76	6.81	32.90	52.72	54.77
3	---	---	---	---	---	1.02	33.00	6.76	6.81	33.04	52.69	54.77
4	---	---	---	---	---	1.01	39.28	6.76	6.82	35.47	52.69	54.77
5	---	---	---	---	---	1.01	49.59	6.76	6.82	38.58	52.68	55.11
6	---	---	---	---	---	1.93	59.75	6.76	6.82	39.95	52.67	58.15
7	---	---	---	---	---	1.98	63.47	6.76	6.82	40.66	52.84	63.34
8	---	---	---	---	---	1.14	63.96	6.77	6.82	41.48	53.44	64.80
9	---	---	---	---	---	3.01	53.83	6.77	6.82	43.42	53.72	65.41
10	---	---	---	---	---	5.85	49.34	6.77	6.83	44.43	53.88	65.77
11	---	---	---	---	---	5.22	49.34	6.80	6.83	45.03	53.94	66.01
12	---	---	---	---	---	2.50	23.64	6.77	6.83	45.56	53.97	66.23
13	---	---	---	---	---	1.35	7.33	6.77	6.83	46.09	53.98	66.37
14	---	---	---	---	---	1.01	6.81	6.78	6.83	47.62	54.02	66.46
15	---	---	---	---	---	1.01	6.72	6.78	6.84	48.35	54.09	66.60
16	---	---	---	---	---	1.00	7.44	6.78	6.84	48.75	54.17	66.79
17	---	---	---	---	---	1.00	7.99	7.09	7.99	49.02	54.19	66.88
18	---	---	---	---	---	1.01	6.91	8.04	10.72	49.24	54.18	66.95
19	---	---	---	---	---	1.57	6.73	7.41	19.38	49.73	54.19	66.99
20	---	---	---	---	1.08	1.18	6.74	6.85	31.44	50.52	54.28	67.17
21	---	---	---	---	2.78	1.01	6.73	6.79	35.21	50.87	54.29	67.57
22	---	---	---	---	3.93	3.61	6.74	6.79	35.67	51.09	54.29	67.77
23	---	---	---	---	2.43	3.59	7.94	6.79	35.23	51.25	54.26	67.93
24	---	---	---	---	1.45	11.66	7.50	6.80	34.30	51.38	54.22	68.15
25	---	---	---	---	3.78	9.61	7.52	6.80	33.13	51.71	54.20	68.35
26	---	---	---	---	3.01	7.64	6.86	6.80	31.81	52.32	54.21	68.50
27	---	---	---	---	1.23	6.64	6.76	6.80	30.96	52.52	54.19	68.75
28	---	---	---	---	6.03	6.54	12.08	6.80	31.48	52.62	54.15	69.10
29	---	---	---	---	---	8.82	8.15	6.80	32.10	52.68	54.17	69.35
30	---	---	---	---	---	17.97	6.84	6.81	32.47	52.73	54.63	69.54
31	---	---	---	---	---	22.95	---	6.81	---	52.75	54.73	---
Mean	---	---	---	---	---	4.63	22.51	6.85	17.04	46.27	53.82	64.77
Max	---	---	---	---	---	22.95	63.96	8.04	35.67	52.75	54.73	69.54
Min	---	---	---	---	---	1.00	6.72	6.75	6.81	32.72	52.67	54.75

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