

Water-Data Report 2009

03155220 SOUTH FORK HUGHES RIVER BELOW MACFARLAN, WV

Upper Ohio-Little Kanawha Basin
Little Kanawha Subbasin

LOCATION.--Lat 39°04'44", long 81°12'45" referenced to North American Datum of 1927, Ritchie County, WV, Hydrologic Unit 05030203, approximately 6 miles southeast from Cisco, and 9 miles west of Smithville.

DRAINAGE AREA.--229 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April to September 2009 (daily discharge).

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage has not yet been determined.

REMARKS.--Records good except those for period of estimated discharge (no gage-height record), which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,310 ft³/s, May 4, 2009, gage height, 19.56 ft; minimum discharge, 0.88 ft³/s, Sept. 19, 20, gage height, 3.38 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,310 ft³/s, May 4, gage height, 19.56 ft; minimum discharge, 0.88 ft³/s, Sept. 19, 20, gage height, 3.38 ft.

03155220 SOUTH FORK HUGHES RIVER BELOW MACFARLAN, WV—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	e400	157	434	9.1	416	3.6
2	---	---	---	---	---	---	e300	548	200	11	164	3.2
3	---	---	---	---	---	---	639	592	201	12	130	2.7
4	---	---	---	---	---	---	1,430	3,200	465	12	84	2.2
5	---	---	---	---	---	---	637	2,730	852	10	51	1.9
6	---	---	---	---	---	---	864	997	564	9.4	34	1.7
7	---	---	---	---	---	---	1,440	1,510	303	7.6	25	1.8
8	---	---	---	---	---	---	814	1,050	184	6.6	18	2.2
9	---	---	---	---	---	---	519	682	141	5.7	14	2.0
10	---	---	---	---	---	---	359	457	90	5.0	13	1.5
11	---	---	---	---	---	---	1,730	305	75	4.5	36	7.1
12	---	---	---	---	---	---	1,190	252	105	4.5	388	7.6
13	---	---	---	---	---	---	586	192	118	3.6	152	5.0
14	---	---	---	---	---	---	434	145	71	2.6	68	4.7
15	---	---	---	---	---	---	464	112	47	2.7	37	4.2
16	---	---	---	---	---	---	478	171	35	2.6	23	3.6
17	---	---	---	---	---	---	351	823	33	11	16	2.9
18	---	---	---	---	---	---	279	338	33	9.3	13	2.0
19	---	---	---	---	---	---	233	181	36	6.2	12	1.4
20	---	---	---	---	---	---	269	116	95	7.5	12	1.2
21	---	---	---	---	---	---	390	82	92	8.0	14	1.5
22	---	---	---	---	---	---	353	61	49	7.2	22	1.5
23	---	---	---	---	---	---	365	48	30	19	15	1.4
24	---	---	---	---	---	---	358	38	22	17	12	1.2
25	---	---	---	---	---	---	291	47	17	11	10	1.2
26	---	---	---	---	---	---	232	116	14	19	8.4	1.5
27	---	---	---	---	---	---	186	206	13	22	6.8	2.9
28	---	---	---	---	---	---	147	156	11	20	5.2	2.8
29	---	---	---	---	---	---	149	543	9.2	17	5.2	2.2
30	---	---	---	---	---	---	144	274	8.2	42	5.0	2.0
31	---	---	---	---	---	---	---	692	---	404	4.3	---
Total	---	---	---	---	---	---	16,031	16,821	4,347.4	729.1	1,813.9	80.7
Mean	---	---	---	---	---	---	534	543	145	23.5	58.5	2.69
Max	---	---	---	---	---	---	1,730	3,200	852	404	416	7.6
Min	---	---	---	---	---	---	144	38	8.2	2.6	4.3	1.2
Cfsm	---	---	---	---	---	---	2.33	2.37	0.63	0.10	0.26	0.01
In.	---	---	---	---	---	---	2.60	2.73	0.71	0.12	0.29	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2009 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	534	543	145	23.5	58.5	2.69
Max	---	---	---	---	---	---	534	543	145	23.5	58.5	2.69
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)
Min	---	---	---	---	---	---	534	543	145	23.5	58.5	2.69
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)

03155220 SOUTH FORK HUGHES RIVER BELOW MACFARLAN, WV—Continued

