

**13337500 SOUTH FORK CLEARWATER RIVER NEAR ELK CITY, ID**

Clearwater Basin  
 South Fork Clearwater Subbasin

LOCATION.--Lat 45°49'31", long 115°31'38" referenced to North American Datum of 1983, in NE ¼ SE ¼ NE ¼ sec.25, T.29 N., R.7 E., Idaho County, ID, Hydrologic Unit 17060305, Center Star Mountain quad., on right bank downstream side of bridge, at road to Orogrande, 0.2 mi upstream from Crooked River, 4.5 mi west of Elk City, and at mile 58.6.

DRAINAGE AREA.--261 mi<sup>2</sup>, mean elevation, 5,150 ft.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--September 1944 to September 1974, August 2002 to April 2013 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is approximately 3,810 ft above NGVD of 1929, from topographic map. June 23, 1949 to September 1974 at site about 50 ft downstream at datum of 3,816.27 ft above NGVD of 1929. Prior to June 23, 1949, nonrecording gage at site about 74 ft downstream at datum of 3,810.13 ft.

REMARKS.--Records good except for discharges Mar. 19 to Apr. 30, which are fair and estimated daily discharges, which are poor. Station equipment includes satellite telemetry. No regulation or diversion above station except for mining operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,040 ft<sup>3</sup>/s June 8, 1964, gage height, 7.48 ft, at datum then in use; minimum daily, 9.0 ft<sup>3</sup>/s Dec. 9, 2009.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft<sup>3</sup>/s and (or) maximum (\*): A

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Apr 6	0115	*1,110	*7.73

No peaks greater than base discharge.

Minimum daily discharge, e24 ft<sup>3</sup>/s, Oct. 3, 4, Jan. 4. A

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	70	78	e42	e165	e93	510	---	---	---	---	---
2	25	65	139	e37	e133	e113	574	---	---	---	---	---
3	24	60	171	e26	e112	e160	624	---	---	---	---	---
4	24	52	102	e24	e107	e155	641	---	---	---	---	---
5	26	48	123	e34	e107	e138	880	---	---	---	---	---
6	27	45	135	e44	e110	e134	1,030	---	---	---	---	---
7	28	44	e89	e47	e100	e127	1,050	---	---	---	---	---
8	29	52	e70	e51	e95	e117	903	---	---	---	---	---
9	29	56	e50	e54	e88	e110	718	---	---	---	---	---
10	28	50	e58	e65	e85	e105	633	---	---	---	---	---
11	28	37	e70	e57	e79	e110	686	---	---	---	---	---
12	27	36	e68	e47	e75	e112	613	---	---	---	---	---
13	30	53	e63	e38	e77	e118	662	---	---	---	---	---
14	40	52	e57	e41	e77	e133	559	---	---	---	---	---
15	40	49	e56	e47	e76	e155	493	---	---	---	---	---
16	68	46	e57	e43	e75	e190	437	---	---	---	---	---
17	60	51	e56	e41	e84	e225	391	---	---	---	---	---
18	39	60	e54	e41	e85	195	366	---	---	---	---	---
19	37	58	e40	e41	e82	177	385	---	---	---	---	---
20	62	66	e42	e41	e85	191	556	---	---	---	---	---
21	69	204	e51	e41	e76	233	559	---	---	---	---	---
22	46	131	e55	e43	e75	197	572	---	---	---	---	---
23	44	76	e51	e47	e76	176	494	---	---	---	---	---
24	37	87	e49	e56	e75	155	462	---	---	---	---	---
25	46	92	e47	e66	e74	160	489	---	---	---	---	---
26	41	e45	e45	e110	e71	176	547	---	---	---	---	---
27	44	e47	e50	e102	e68	181	633	---	---	---	---	---
28	102	e58	e50	e92	e70	208	733	---	---	---	---	---
29	206	e60	e45	e81	---	276	946	---	---	---	---	---
30	143	68	e43	e83	---	371	890	---	---	---	---	---
31	89	---	e47	e140	---	444	---	---	---	---	---	---
<b>Total</b>	1,563	1,918	2,111	1,722	2,482	5,435	19,036	---	---	---	---	---
<b>Mean</b>	50.4	63.9	68.1	55.5	88.6	175	635	---	---	---	---	---
<b>Max</b>	206	204	171	140	165	444	1,050	---	---	---	---	---
<b>Min</b>	24	36	40	24	68	93	366	---	---	---	---	---
<b>Ac-ft</b>	3,100	3,800	4,190	3,420	4,920	10,780	37,760	---	---	---	---	---

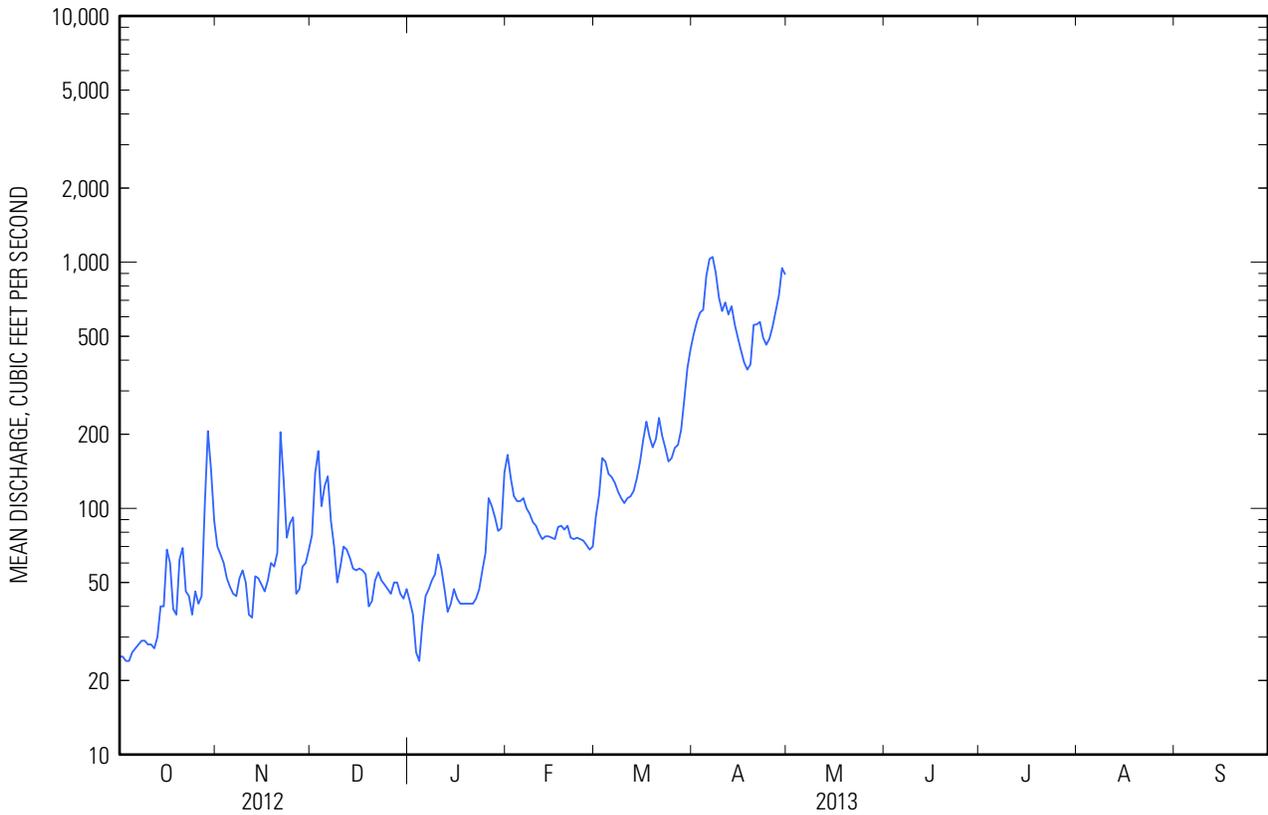
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2013, BY WATER YEAR (WY) A**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	65.1	84.5	88.5	95.3	103	183	649	1,084	585	141	55.1	51.2
<b>Max</b>	263	247	285	428	373	479	1,216	2,001	1,622	364	106	124
<b>(WY)</b>	(1960)	(1969)	(1959)	(1969)	(1968)	(1972)	(1969)	(1948)	(1964)	(1955)	(1964)	(2004)
<b>Min</b>	24.9	29.1	30.7	36.9	30.9	48.5	226	413	181	52.7	26.2	24.7
<b>(WY)</b>	(1953)	(1953)	(1953)	(1955)	(1966)	(1955)	(1955)	(1973)	(2007)	(2007)	(2007)	(1953)

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SUMMARY STATISTICS

	Calendar Year 2012		Water Years 1945 – 2013 A	
<b>Annual total</b>	78,813			
<b>Annual mean</b>	215		266	
<b>Highest annual mean</b>			401	1965
<b>Lowest annual mean</b>			133	1973
<b>Highest daily mean</b>	1,450	Apr 26	3,700	May 29, 1948
<b>Lowest daily mean</b>	24	Sep 20	9.0	Dec 9, 2009
<b>Annual seven-day minimum</b>	24	Sep 18	11	Dec 4, 2009
<b>Annual runoff (ac-ft)</b>	156,300		192,800	
<b>10 percent exceeds</b>	629		794	
<b>50 percent exceeds</b>	70		90	
<b>90 percent exceeds</b>	28		38	



A. See period of record