

Water-Data Report 2013

06236100 WIND RIVER ABOVE BOYSEN RESERVOIR, NEAR SHOSHONI, WY

Big Horn Basin
Upper Wind Subbasin

LOCATION.--Lat 43°07'44.3", long 108°13'29.4" referenced to North American Datum of 1983, in SE ¼ SE ¼ SE ¼ sec.24, T.2 N., R.5 E., Fremont County, WY, Hydrologic Unit 10080001, on left bank 5.3 mi upstream from Boysen Reservoir and 9.4 mi southwest of Shoshoni.

DRAINAGE AREA.--4,390 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1990 to May 2013 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 4,775 ft above NGVD of 1929, from topographic map. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Natural flow affected by Bull Lake, Pilot Butte Reservoir, and several small reservoirs, combined capacity, 190,000 acre-ft, and diversions for irrigation upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,200 ft³/s, June 9, 2010, gage height, 9.19 ft; maximum gage height, 9.31 ft, June 14, 1991; minimum daily discharge, 113 ft³/s, August 29, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 741 ft³/s, November 15, gage height, 1.81 ft; maximum gage height, 3.68 ft, March 11, backwater from ice; minimum daily discharge, 239 ft³/s, October 18.

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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	611	713	627	e330	e415	e490	524	410	---	---	---	---
2	613	707	624	e340	e420	e490	523	465	---	---	---	---
3	495	699	625	e350	e400	e510	569	420	---	---	---	---
4	283	684	602	e360	e390	e520	606	430	---	---	---	---
5	255	656	582	e370	e400	e470	610	424	---	---	---	---
6	253	663	599	e390	e410	e430	598	419	---	---	---	---
7	253	662	611	e390	e420	e470	608	---	---	---	---	---
8	253	645	e580	e400	e430	e510	596	---	---	---	---	---
9	251	636	e540	e390	e400	e540	628	---	---	---	---	---
10	249	663	e470	e410	e420	e540	589	---	---	---	---	---
11	248	671	e430	e440	e400	e530	543	---	---	---	---	---
12	246	604	e420	e450	e350	e550	577	---	---	---	---	---
13	245	580	e480	e420	e320	e530	623	---	---	---	---	---
14	248	639	e620	e380	e400	e560	538	---	---	---	---	---
15	246	701	e640	e340	e470	e580	432	---	---	---	---	---
16	246	668	e610	e370	e440	e660	396	---	---	---	---	---
17	243	608	e600	e400	e440	e660	394	---	---	---	---	---
18	239	609	e580	e380	e460	694	372	---	---	---	---	---
19	240	627	e550	e390	e450	599	363	---	---	---	---	---
20	244	631	e500	e400	e460	545	361	---	---	---	---	---
21	246	623	e480	e410	e470	541	355	---	---	---	---	---
22	253	621	e540	e400	e470	518	361	---	---	---	---	---
23	369	601	e580	e400	e480	507	359	---	---	---	---	---
24	711	566	e560	e410	e500	474	342	---	---	---	---	---
25	710	591	e470	e420	e510	458	298	---	---	---	---	---
26	666	627	e430	e450	e470	457	301	---	---	---	---	---
27	657	610	e380	e450	e480	471	292	---	---	---	---	---
28	656	573	e400	e450	e460	483	284	---	---	---	---	---
29	693	568	e370	e470	---	497	288	---	---	---	---	---
30	707	607	e350	e430	---	501	328	---	---	---	---	---
31	715	---	e340	e400	---	520	---	---	---	---	---	---
Total	12,344	19,053	16,190	12,390	12,135	16,305	13,658	---	---	---	---	---
Mean	398	635	522	400	433	526	455	---	---	---	---	---
Max	715	713	640	470	510	694	628	---	---	---	---	---
Min	239	566	340	330	320	430	284	---	---	---	---	---
Ac-ft	24,480	37,790	32,110	24,580	24,070	32,340	27,090	---	---	---	---	---

Calendar Year 2012	
Total	206,172
Mean	563
Max	3,960
Min	173
Ac-ft	408,900

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