

09240020 YAMPA RIVER BELOW SODA CREEK AT STEAMBOAT SPRINGS, CO

White-Yampa Basin
Upper Yampa Subbasin

LOCATION.--Lat 40°29'21.2", long 106°50'29.5" referenced to North American Datum of 1983, in SW ¼ SW ¼ sec.8, T.6 N., R.84 W., Routt County, CO, Hydrologic Unit 14050001, on downstream side of 13th Street Bridge in Steamboat Springs, and 350 ft downstream from Soda Creek.

DRAINAGE AREA.--597 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2008 to current year (seasonal records only).

REVISED RECORDS.--WDR-US-2011: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gage. Elevation of gage is 6,690 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Natural flow of stream affected by two diversions for irrigation to Egeria Creek in Colorado River Basin, one diversion for irrigation from Trout Creek drainage to Oak Creek drainage, irrigation of about 19,700 acres upstream from station, and by storage in Stillwater, Yampa, YamColo, Stagecoach, and Catamount Reservoirs (total capacity, 56,895 acre-ft), and pumping of water to ski area for snow making during winter.

EXTREMES FOR PERIOD OF RECORD.--(seasonal only) Maximum discharge, 6,010 ft³/s, June 6, 2011, gage height, 8.57 ft, from rating curve extended above 3,800 ft³/s; minimum daily, 49 ft³/s, June 27, 2012.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge during period May to August, 1,860 ft³/s, May 5, gage height, 5.50 ft; maximum observed, 1,900 ft³/s, Apr.27, gage height, 5.54 ft, occurred prior to period of seasonal operation; minimum daily, 49 ft³/s, June 27.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	938	626	81	117	---
2	---	---	---	---	---	---	---	999	601	86	115	---
3	---	---	---	---	---	---	---	1,120	606	86	109	---
4	---	---	---	---	---	---	---	1,360	572	85	104	---
5	---	---	---	---	---	---	---	1,610	517	89	99	---
6	---	---	---	---	---	---	---	1,570	434	131	97	---
7	---	---	---	---	---	---	---	1,370	377	158	98	---
8	---	---	---	---	---	---	---	1,160	331	138	95	---
9	---	---	---	---	---	---	---	1,250	305	121	93	---
10	---	---	---	---	---	---	---	1,340	249	111	90	---
11	---	---	---	---	---	---	---	1,320	214	108	92	---
12	---	---	---	---	---	---	---	1,210	194	105	93	---
13	---	---	---	---	---	---	---	1,120	166	92	93	---
14	---	---	---	---	---	---	---	1,020	148	96	94	---
15	---	---	---	---	---	---	---	1,150	143	110	92	---
16	---	---	---	---	---	---	---	1,170	137	114	92	---
17	---	---	---	---	---	---	---	1,180	123	126	89	---
18	---	---	---	---	---	---	---	1,250	111	137	99	---
19	---	---	---	---	---	---	---	1,180	99	124	111	---
20	---	---	---	---	---	---	---	981	88	114	117	---
21	---	---	---	---	---	---	---	1,030	83	111	121	---
22	---	---	---	---	---	---	---	1,160	79	107	124	---
23	---	---	---	---	---	---	---	1,130	72	104	132	---
24	---	---	---	---	---	---	---	941	69	102	118	---
25	---	---	---	---	---	---	---	892	67	134	110	---
26	---	---	---	---	---	---	---	880	54	151	102	---
27	---	---	---	---	---	---	---	774	49	134	99	---
28	---	---	---	---	---	---	---	631	52	137	98	---
29	---	---	---	---	---	---	---	623	66	134	98	---
30	---	---	---	---	---	---	---	634	81	131	99	---
31	---	---	---	---	---	---	---	624	---	125	99	---
Total	---	---	---	---	---	---	---	33,617	6,713	3,582	3,189	---
Mean	---	---	---	---	---	---	---	1,084	224	116	103	---
Max	---	---	---	---	---	---	---	1,610	626	158	132	---
Min	---	---	---	---	---	---	---	623	49	81	89	---
Ac-ft	---	---	---	---	---	---	---	66,680	13,320	7,100	6,330	---

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