

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, 3,180 ft³/s, May 26, gage height, 6.70 ft; minimum daily, 107 ft³/s, Aug. 23.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1,130	1,410	205	142	---
2	---	---	---	---	---	---	---	917	1,460	183	134	---
3	---	---	---	---	---	---	---	726	1,920	173	127	---
4	---	---	---	---	---	---	---	714	2,140	182	124	---
5	---	---	---	---	---	---	---	765	2,210	180	123	---
6	---	---	---	---	---	---	---	865	2,190	189	123	---
7	---	---	---	---	---	---	---	1,080	2,230	184	125	---
8	---	---	---	---	---	---	---	1,110	2,500	173	123	---
9	---	---	---	---	---	---	---	1,150	2,410	152	121	---
10	---	---	---	---	---	---	---	1,240	2,330	137	125	---
11	---	---	---	---	---	---	---	1,350	2,200	123	126	---
12	---	---	---	---	---	---	---	1,530	1,930	122	124	---
13	---	---	---	---	---	---	---	1,900	1,710	163	122	---
14	---	---	---	---	---	---	---	2,340	1,520	176	126	---
15	---	---	---	---	---	---	---	2,510	1,310	155	122	---
16	---	---	---	---	---	---	---	2,570	1,120	145	116	---
17	---	---	---	---	---	---	---	2,740	1,010	139	114	---
18	---	---	---	---	---	---	---	2,700	888	135	111	---
19	---	---	---	---	---	---	---	2,400	790	158	109	---
20	---	---	---	---	---	---	---	2,160	683	160	109	---
21	---	---	---	---	---	---	---	1,900	591	146	109	---
22	---	---	---	---	---	---	---	1,790	497	137	108	---
23	---	---	---	---	---	---	---	2,070	435	128	107	---
24	---	---	---	---	---	---	---	2,580	388	126	112	---
25	---	---	---	---	---	---	---	2,790	328	129	112	---
26	---	---	---	---	---	---	---	2,860	293	128	117	---
27	---	---	---	---	---	---	---	2,880	265	124	117	---
28	---	---	---	---	---	---	---	2,650	245	135	125	---
29	---	---	---	---	---	---	---	2,360	225	142	123	---
30	---	---	---	---	---	---	---	1,980	221	150	118	---
31	---	---	---	---	---	---	---	1,610	---	150	113	---
Total	---	---	---	---	---	---	---	57,367	37,449	4,729	3,707	---
Mean	---	---	---	---	---	---	---	1,851	1,248	153	120	---
Max	---	---	---	---	---	---	---	2,880	2,500	205	142	---
Min	---	---	---	---	---	---	---	714	221	122	107	---
Ac-ft	---	---	---	---	---	---	---	113,800	74,280	9,380	7,350	---

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