Water-Data Report 2013

09110000 TAYLOR RIVER AT ALMONT, CO

Gunnison Basin
East-Taylor Subbasin

LOCATION.--Lat 38°39′52″, long 106°50′41″ referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.22, T.51 N., R.1 E., Gunnison County, CO, Hydrologic Unit 14020001, on left bank at Almont, 15 ft downstream from bridge on State Highway 306, and 800 ft upstream from confluence with East River.

DRAINAGE AREA.--476 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1910 to current year. Monthly discharge only for some periods, published in WSP 1313.

REVISED RECORDS.--WSP 1213: 1911. WDR-US-2011: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gage. Datum of gage is 8,010.76 ft above NGVD of 1929. Prior to Apr. 16, 1922, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow partly regulated since September 1937 by Taylor Park Reservoir (station 09108500), 24 mi upstream from station. Diversions for irrigation of about 360 acres upstream from station.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 09110000, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/09110000.2013.pdf

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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	131	86	e79	e91	e93	e82	101	204	342	350	343	283
2	117	86	e82	e92	e87	e81	102	189	397	343	343	263
3	116	84	86	e86	e88	e82	103	196	453	337	331	259
4	115	85	e86	e80	e84	e83	104	206	470	335	330	262
5	118	86	e84	e76	e84	e88	108	197	496	334	326	260
6	115	86	82	e79	e90	e89	109	203	515	332	325	257
7	114	86	79	e85	e87	e91	112	212	515	331	333	259
8	114	85	79	e85	e88	e93	112	218	507	331	338	259
9	116	88	77	e78	e92	e95	111	219	550	319	367	256
10	116	88	e67	e81	e88	e94	104	217	549	308	349	258
11	116	86	e76	e82	e91	e94	104	213	520	306	334	259
12	118	91	e88	e79	e78	94	108	213	496	310	327	264
13	127	e90	e93	e84	e85	96	109	222	470	317	324	302
14	120	e90	e99	e83	e84	95	118	239	434	e320	318	288
15	118	e87	e109	e77	e79	95	110	268	423	e321	314	279
16	97	e88	e105	e79	e80	98	112	287	402	e322	304	276
17	95	e91	e101	e79	e81	96	119	301	394	e323	293	272
18	93	91	e99	e77	e81	91	112	322	382	325	293	275
19	93	85	e100	e77	e83	92	109	311	365	346	294	274
20	92	e85	e98	e76	e84	95	111	283	345	339	291	265
21	92	e85	e89	e77	e83	93	113	269	350	326	291	262
22	92	e85	e85	e84	e83	93	122	274	378	319	293	270
23	91	e84	e91	e87	e83	90	122	291	379	313	291	302
24	91	e84	e97	e93	e83	90	158	334	375	313	288	284
25	91	e83	96	e98	e82	88	161	392	366	317	290	275
26	88	e81	83	e98	e82	e90	150	434	363	314	292	271
27	87	e77	e81	e105	e82	e92	157	479	362	319	288	279
28	85	e77	e86	e98	e82	92	180	477	365	358	286	279
29	85	e84	e82	e95	---	94	215	432	365	367	287	275
30	85	e81	e78	e91	---	97	220	373	363	366	286	272
31	86	---	e87	e94	---	98	---	339	---	347	286	---
Total	3,214	2,565	2,724	2,646	2,367	2,841	3,776	8,814	12,691	10,208	9,655	8,139
Mean	104	85.5	87.9	85.4	84.5	91.6	126	284	423	329	311	271
Max	131	91	109	105	93	98	220	479	550	367	367	302
Min	85	77	67	76	78	81	101	189	342	306	286	256
Ac-ft	6,370	5,090	5,400	5,250	4,690	5,640	7,490	17,480	25,170	20,250	19,150	16,140

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1910 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	235	152	121	111	110	132	241	584	886	561	408	378
Max	699	518	424	240	288	456	784	1,485	2,419	1,975	707	855
(WY)	(1969)	(1968)	(1966)	(1966)	(1971)	(1985)	(1970)	(1936)	(1914)	(1957)	(1960)	(1956)
Min	60.3	53.3	39.8	40.8	35.2	34.6	55.8	129	109	168	83.2	91.6
(WY)	(1938)	(1938)	(1963)	(1941)	(1941)	(1938)	(1941)	(1940)	(1940)	(1931)	(1913)	(1937)

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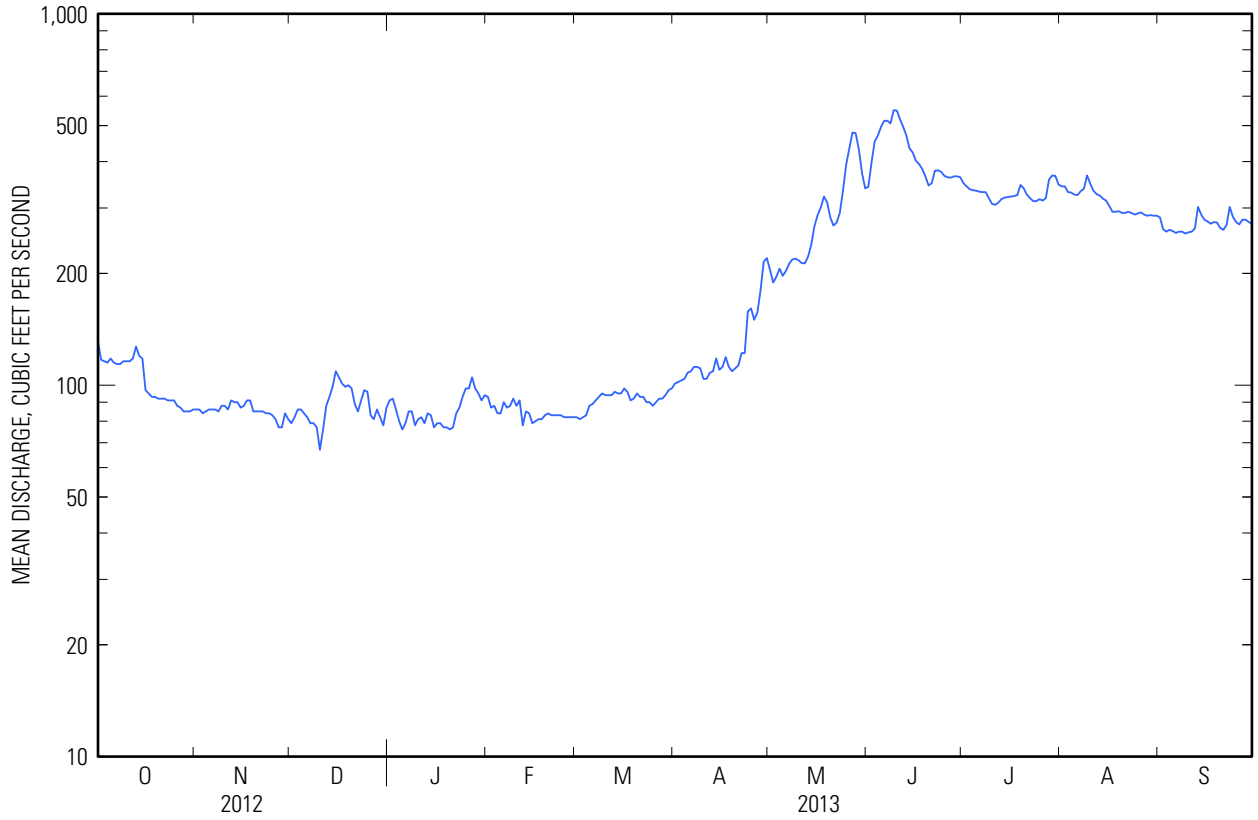
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1910 - 2013	
Annual total	59,919		69,640			
Annual mean	164		191		328	
Highest annual mean					550	1995
Lowest annual mean					155	1977
Highest daily mean	333	Jun 3	550	Jun 9	3,600	Jun 9, 1920
Lowest daily mean	67	Dec 10	67	Dec 10	[a]24	Mar 12, 1938
Annual seven-day minimum	78	Dec 5	77	Jan 15	27	Feb 19, 1941
Maximum peak flow			591	Jun 9	[b]3,760	Jun 9, 1920
Maximum peak stage			[c]2.61	Jun 9	[d]5.00	Jun 9, 1920
Annual runoff (ac-ft)	118,800		138,100		237,300	
10 percent exceeds	287		360		715	
50 percent exceeds	138		112		190	
90 percent exceeds	86		82		86	

[a] Minimum discharge observed for period of record, before storage began in Taylor Park Reservoir, 50 ft³/s for several days in Aug 1913, gage height, 1.2 ft.
[b] From rating curve extended above 2,300 ft³/s.
[c] Maximum gage height, 3.19 ft, Jan 19, backwater from ice.
[d] Maximum gage height, 5.32 ft, Jul 1, 1957.