

09112500 EAST RIVER AT ALMONT, CO

LOCATION.--Lat 38°39'52", long 106°50'51", in NW¼SE¼ sec.22, T.51 N., R.1 E., Gunnison County, Hydrologic Unit 14020001, on left bank at Almont, 200 ft upstream from bridge on State Highway 135, and 400 ft upstream from confluence with Taylor River.

DRAINAGE AREA.--289 mi².

PERIOD OF RECORD.--April to October 1905, July 1910 to September 1922, October 1934 to current year. Monthly discharges only for some periods, published in WSP 1313. For a complete listing of historical data available for this site, see http://waterdata.usgs.gov/co/nwis/inventory/?site_no=09112500

REVISED RECORDS.--WSP 1313: 1911. WSP 1733: 1952. WSP 1924: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gage is 8,006.29 ft above NGVD of 1929. Apr. 16 to Sept. 30, 1905, and July 27, 1910 to Apr. 30, 1922, nonrecording gages at bridge 200 ft downstream, at different datums. Oct. 1, 1934 to Sept. 22, 1954, water-stage recorder at present site at datum 2.00 ft higher.

REMARKS.--Records good except for discharges above 900 ft³/s, which are fair, and estimated daily discharges, which are poor. Diversions for irrigation of about 7,400 acres upstream from station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	74	76	e68	e56	e54	254	338	500	391	155	103
2	65	74	75	e66	e56	e54	279	303	480	365	151	99
3	71	90	66	e65	e56	e55	290	354	576	e345	147	92
4	72	83	61	e62	e56	e55	272	442	757	e325	143	101
5	90	73	63	e59	e56	e55	322	602	926	e315	139	111
6	120	61	e63	e62	e54	e56	338	767	1,040	e302	139	108
7	121	69	e62	e67	e53	e55	335	920	1,100	e301	132	99
8	113	71	e65	e66	e57	e55	366	1,010	1,080	e278	126	94
9	112	71	e65	e65	e56	e55	388	1,090	1,020	e256	128	92
10	108	84	e63	e64	e53	e56	363	1,100	881	230	162	92
11	112	85	e64	e64	e55	e58	317	1,120	721	226	158	92
12	111	75	e65	e64	e54	73	310	1,010	580	228	145	92
13	109	84	e67	e64	e54	84	288	807	524	227	135	87
14	106	88	e68	e72	e54	85	298	648	592	214	131	83
15	107	87	e65	e70	e55	98	305	563	667	217	126	83
16	113	77	e63	e67	e55	89	325	590	612	216	124	84
17	109	85	e62	e63	e55	94	362	641	551	242	117	67
18	102	73	e63	e60	e55	102	379	655	e521	279	115	64
19	99	71	e65	e61	e56	112	340	888	494	275	126	65
20	97	74	e66	e62	e56	134	321	1,160	501	258	131	80
21	94	85	e67	e60	e56	171	309	1,180	e484	199	127	122
22	91	90	e67	e58	e55	210	306	1,150	e457	192	137	115
23	91	67	e67	e57	e55	241	302	977	e447	179	135	101
24	89	80	e66	e59	e55	247	277	e930	e439	181	124	96
25	89	88	e67	e59	e55	265	277	e923	e436	170	136	94
26	84	89	e68	e56	e55	304	276	909	e455	165	127	83
27	83	70	e68	e57	e56	306	313	953	e425	167	121	68
28	80	76	e66	e60	e56	259	363	1,030	e401	162	118	67
29	80	91	e62	e59	e56	223	375	1,110	e407	156	116	66
30	85	81	e66	e58	---	221	401	893	492	150	111	73
31	78	---	e67	e57	---	225	---	654	---	149	106	---
TOTAL	2,944	2,366	2,038	1,931	1,601	4,151	9,651	25,717	18,566	7,360	4,088	2,673
MEAN	95.0	78.9	65.7	62.3	55.2	134	322	830	619	237	132	89.1
MAX	121	91	76	72	57	306	401	1,180	1,100	391	162	122
MIN	63	61	61	56	53	54	254	303	401	149	106	64
AC-FT	5,840	4,690	4,040	3,830	3,180	8,230	19,140	51,010	36,830	14,600	8,110	5,300

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2004, BY WATER YEAR (WY)

	MEAN	116	95.0	73.0	62.2	59.4	69.0	249	1,016	1,344	551	231	129
MAX	279	172	128	102	90.4	137	670	1,978	2,670	2,037	659	271	
(WY)	(1912)	(1987)	(1985)	(1985)	(1962)	(1986)	(1936)	(1936)	(1920)	(1957)	(1995)	(1965)	
MIN	56.3	47.8	42.0	25.5	28.7	43.1	77.2	222	282	93.5	25.0	52.4	
(WY)	(1978)	(1978)	(1977)	(1940)	(1940)	(1976)	(1964)	(1977)	(2002)	(1977)	(1913)	(1977)	

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 1911 - 2004

ANNUAL TOTAL	91,781	83,086	
ANNUAL MEAN	251	227	334
HIGHEST ANNUAL MEAN			574
LOWEST ANNUAL MEAN			104
HIGHEST DAILY MEAN	2,370	May 30	5,000
LOWEST DAILY MEAN	e37	Feb 8	19
ANNUAL SEVEN-DAY MINIMUM	e43	Feb 5	21
MAXIMUM PEAK FLOW			a6,500
MAXIMUM PEAK STAGE		b4.85	c6.60
ANNUAL RUNOFF (AC-FT)	182,000	164,800	241,700
10 PERCENT EXCEEDS	655	591	1,040
50 PERCENT EXCEEDS	91	102	108
90 PERCENT EXCEEDS	49	56	55

e Estimated.

a Site and datum then in use, from rating curve extended above 3,000 ft³/s.

b Maximum gage height, 5.20 ft, Jun 7.

c Maximum gage height 8.41 ft, Jun 18, 1995, present datum.