



Water-Data Report 2009

09135950 NORTH FORK GUNNISON RIVER BELOW LEROUX CREEK NEAR HOTCHKISS, CO

Gunnison Basin
North Fork Gunnison Subbasin

LOCATION.--Lat 38°47'18", long 107°44'21" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.36, T.14 S., R.93 W., Delta County, CO, Hydrologic Unit 14020004, on left bank 0.7 mi downstream from Leroux Creek, and 1 mi southwest of Hotchkiss.

DRAINAGE AREA.--922 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1997 to September 2007 (seasonal records only), October 2007 to May 2009 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 5,240 ft above NGVD of 1929, from topographic map.

REMARKS.—No estimated daily discharges. Records good. Natural flow of stream affected by diversions for irrigation of about 44,000 acres upstream from station, storage in Overland Reservoir (capacity, 6,280 acre-ft), and storage in Paonia Reservoir (capacity, 18,300 acre-ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,640 ft³/s, May 21, 2008, gage height, 13.66 ft; minimum daily, 21 ft³/s, Aug. 17, 2002 (occurred during period of seasonal operation).

EXTREMES FOR CURRENT YEAR.--Maximum discharge for period October to May, 4,420 ft³/s, May 8, gage height, 12.07 ft; minimum daily, 93 ft³/s, Oct. 1, Dec. 11, and Feb. 15.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	93	129	119	140	168	182	300	2,890	---	---	---	---
2	94	130	121	143	166	184	262	3,230	---	---	---	---
3	97	135	124	143	171	200	294	3,320	---	---	---	---
4	107	136	122	137	173	222	305	2,730	---	---	---	---
5	145	151	117	129	172	221	270	2,210	---	---	---	---
6	165	137	117	163	181	211	267	2,410	---	---	---	---
7	166	166	119	168	185	205	329	3,240	---	---	---	---
8	150	197	122	172	185	219	520	3,960	---	---	---	---
9	144	196	123	176	188	217	678	3,900	---	---	---	---
10	140	187	101	170	180	228	526	3,850	---	---	---	---
11	128	192	93	172	122	204	616	3,910	---	---	---	---
12	130	189	98	176	102	225	502	3,780	---	---	---	---
13	133	240	123	173	106	221	515	3,540	---	---	---	---
14	132	123	126	166	104	219	727	3,040	---	---	---	---
15	142	111	95	171	93	231	937	2,780	---	---	---	---
16	148	105	106	168	94	240	1,490	2,710	---	---	---	---
17	143	114	121	165	108	261	1,030	2,680	---	---	---	---
18	143	113	123	165	99	309	1,010	2,810	---	---	---	---
19	146	110	117	167	96	338	1,310	2,940	---	---	---	---
20	146	291	111	170	145	385	1,830	---	---	---	---	---
21	143	217	97	170	147	436	2,860	---	---	---	---	---
22	141	121	109	173	152	479	3,340	---	---	---	---	---
23	137	108	114	190	189	526	3,470	---	---	---	---	---
24	134	102	102	215	264	427	3,480	---	---	---	---	---
25	138	96	113	248	255	375	3,220	---	---	---	---	---
26	137	102	116	231	230	351	2,860	---	---	---	---	---
27	134	131	101	199	211	306	2,170	---	---	---	---	---
28	131	142	105	168	181	290	1,850	---	---	---	---	---
29	128	126	106	180	---	294	1,680	---	---	---	---	---
30	126	122	111	171	---	304	2,540	---	---	---	---	---
31	129	---	126	165	---	280	---	---	---	---	---	---
Total	4,170	4,419	3,498	5,344	4,467	8,790	41,188	---	---	---	---	---
Mean	135	147	113	172	160	284	1,373	---	---	---	---	---
Max	166	291	126	248	264	526	3,480	---	---	---	---	---
Min	93	96	93	129	93	182	262	---	---	---	---	---
Ac-ft	8,270	8,770	6,940	10,600	8,860	17,430	81,700	---	---	---	---	---

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