

Water-Data Report CO-2005

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

GUNNISON RIVER BASIN

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, Hydrologic Unit 14020004, on left bank 0.7 mi downstream from Leroux Creek, and 1 mi southwest of Hotchkiss.

DRAINAGE AREA.--922 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

PERIOD OF RECORD.--July 1997 to current year (seasonal records only).

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.--(seasonal only) Maximum discharge, 3,220 ft<sup>3</sup>/s, May 24, 1999, gage height, 11.34, minimum daily, 21 ft<sup>3</sup>/s, Aug. 17, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge 3,230 ft<sup>3</sup>/s (discharge measurement), June 11, 1997, gage height, 11.82 ft.

EXTREMES FOR CURRENT YEAR.--(seasonal only) Maximum discharge during period of operation, 1,300 ft<sup>3</sup>/s, July 1, gage height, 9.83 ft; minimum daily, 49 ft<sup>3</sup>/s, Sept. 2,3.

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DISCHARGE, CUBIC FEET PER SECOND  
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
 DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	160	---	---	---	---	---	---	---	---	1,170	57	52
2	149	---	---	---	---	---	---	---	---	997	53	49
3	146	---	---	---	---	---	---	---	---	971	50	49
4	140	---	---	---	---	---	---	---	---	837	72	63
5	137	---	---	---	---	---	---	---	---	759	182	69
6	160	---	---	---	---	---	---	---	---	699	82	62
7	160	---	---	---	---	---	---	---	---	661	79	60
8	139	---	---	---	---	---	---	---	---	603	69	56
9	134	---	---	---	---	---	---	---	---	582	53	94
10	131	---	---	---	---	---	---	---	---	526	95	200
11	126	---	---	---	---	---	---	---	---	476	93	144
12	124	---	---	---	---	---	---	---	---	443	100	113
13	148	---	---	---	---	---	---	---	---	448	86	94
14	154	---	---	---	---	---	---	---	---	443	71	87
15	148	---	---	---	---	---	---	---	---	418	66	85
16	144	---	---	---	---	---	---	---	---	377	74	82
17	142	---	---	---	---	---	---	---	---	317	98	91
18	147	---	---	---	---	---	---	---	---	271	84	87
19	167	---	---	---	---	---	---	---	---	243	70	79
20	160	---	---	---	---	---	---	---	---	184	64	68
21	154	---	---	---	---	---	---	---	---	147	69	69
22	167	---	---	---	---	---	---	---	---	132	61	113
23	182	---	---	---	---	---	---	---	---	114	70	140
24	175	---	---	---	---	---	---	---	---	115	200	108
25	175	---	---	---	---	---	---	---	---	115	166	96
26	189	---	---	---	---	---	---	---	---	139	67	84
27	180	---	---	---	---	---	---	---	---	118	77	94
28	183	---	---	---	---	---	---	---	---	80	65	381
29	221	---	---	---	---	---	---	---	---	60	58	376
30	195	---	---	---	---	---	---	---	---	52	53	269
31	191	---	---	---	---	---	---	---	---	56	52	---
<b>Total</b>	4,928	---	---	---	---	---	---	---	---	12,553	2,536	3,414
<b>Mean</b>	159	---	---	---	---	---	---	---	---	405	81.8	114
<b>Max</b>	221	---	---	---	---	---	---	---	---	1,170	200	381
<b>Min</b>	124	---	---	---	---	---	---	---	---	52	50	49
<b>Ac-ft</b>	9,770	---	---	---	---	---	---	---	---	24,900	5,030	6,770

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