

Water-Data Report CO-2005

**06713000 CHERRY CREEK BELOW CHERRY CREEK LAKE, CO**

PLATTE RIVER BASIN

LOCATION.--Lat 39°39'13", long 104°51'45" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.35, T.4 S., R.67 W., Denver County, Hydrologic Unit 10190003, on left bank 2,300 ft downstream from Cherry Creek Dam, 2.2 mi southeast of Sullivan, 9 mi southeast of Civic Center in Denver, and 11 mi upstream from mouth.

DRAINAGE AREA.--385 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

PERIOD OF RECORD.--June 1950 to March 2005 (discontinued).

REVISED RECORDS.--WSP 1730: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gage is 5,487.91 ft above NGVD of 1929, (Corps of Engineers bench mark). Prior to May 17, 1999, at site 300 ft upstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Cherry Creek Lake. Diversions upstream from station for irrigation of about 1,800 acres.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,600 ft<sup>3</sup>/s, May 26, 1999, gage height, 6.92 ft; no flow on many days.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known, 34,000 ft<sup>3</sup>/s, Aug. 3, 1933, by slope-area measurement near present site (Castlewood Dam failure).

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period of operation, 54 ft<sup>3</sup>/s, Mar. 12, gage height, 4.64 ft; minimum daily, 0.16 ft<sup>3</sup>/s, Mar. 10.

## 06713000 CHERRY CREEK BELOW CHERRY CREEK LAKE, CO—Continued

**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	13	13	16	20	15	19	---	---	---	---	---	---
2	12	13	16	20	22	17	---	---	---	---	---	---
3	13	13	16	20	22	21	---	---	---	---	---	---
4	13	12	16	25	23	22	---	---	---	---	---	---
5	12	14	16	33	23	21	---	---	---	---	---	---
6	17	14	16	33	23	20	---	---	---	---	---	---
7	19	14	16	33	24	18	---	---	---	---	---	---
8	20	20	16	33	23	19	---	---	---	---	---	---
9	20	30	16	33	24	6.1	---	---	---	---	---	---
10	20	29	16	33	23	0.16	---	---	---	---	---	---
11	20	28	16	33	23	18	---	---	---	---	---	---
12	20	28	17	33	22	39	---	---	---	---	---	---
13	21	28	17	33	22	38	---	---	---	---	---	---
14	30	30	17	33	23	42	---	---	---	---	---	---
15	40	32	16	33	23	44	---	---	---	---	---	---
16	39	30	13	33	22	42	---	---	---	---	---	---
17	39	30	16	33	22	41	---	---	---	---	---	---
18	39	30	18	33	22	29	---	---	---	---	---	---
19	40	31	18	33	22	17	---	---	---	---	---	---
20	40	31	18	33	21	17	---	---	---	---	---	---
21	40	31	18	34	21	18	---	---	---	---	---	---
22	21	31	20	34	19	17	---	---	---	---	---	---
23	14	31	20	34	17	17	---	---	---	---	---	---
24	14	31	21	24	17	18	---	---	---	---	---	---
25	14	31	20	17	19	17	---	---	---	---	---	---
26	14	22	20	17	20	18	---	---	---	---	---	---
27	14	16	20	17	20	17	---	---	---	---	---	---
28	13	16	20	17	20	17	---	---	---	---	---	---
29	14	17	20	17	---	23	---	---	---	---	---	---
30	13	16	20	17	---	27	---	---	---	---	---	---
31	13	---	20	17	---	27	---	---	---	---	---	---
<b>Total</b>	671	712	545	858	597	706.26	---	---	---	---	---	---
<b>Mean</b>	21.6	23.7	17.6	27.7	21.3	22.8	---	---	---	---	---	---
<b>Max</b>	40	32	21	34	24	44	---	---	---	---	---	---
<b>Min</b>	12	12	13	17	15	0.16	---	---	---	---	---	---
<b>Ac-ft</b>	1,330	1,410	1,080	1,700	1,180	1,400	---	---	---	---	---	---

**Calendar Year 2004**

<b>Total</b>	6,569.75
<b>Mean</b>	18.0
<b>Max</b>	172
<b>Min</b>	0.00
<b>Ac-ft</b>	13,030

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