

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL WEATHER SERVICE

NWS-FORM E-19A

REPORT ON RIVER GAGE STATION

-----  
SITE -----

LID: OROC2  
NAME: ORODELL  
STREAM: BOULDER CREEK  
COUNTY/STATE: Boulder, CO

PROXIMITY: AT

BASIN: SOUTH PLATTE

DRAINAGE: 102.00  
RIVER MILE: 26.00  
ZERO DATUM: 5826.000  
CHECKBAR: 0.000  
LATITUDE: 40 00 23  
LONGITUDE: 105 19 29

FLOOD STAGE: 7.00  
ACTION STAGE: 4.00  
BANKFULL STAGE: 3.50  
NORMAL POOL: 0.00  
TIDAL EFFECTS: None  
FLOODCATS: MAJOR: 10.00  
MODERATE: 9.00  
MINOR: 7.00

STATION NO: BOCOROCO  
USGS NO: 06727000  
NESS ID: 515873E6  
RFC: MBRFC  
HSA: BOU

PERIOD OF RECORD: 8/20/1887

-----  
OBSERVER -----

SERVICE DATE:  
CD-404:  
HOME PHONE:  
WORK PHONE:

SPONSOR: S&E (H)  
RATE: \$ 0.00

CO

DUTIES:  
RECIPIENT: BOU

COMMS TYPE: COE

TASK:

-----  
GAGES -----

TELEM TYPE: ALERT  
DCP ID: 515873E6

TELEM OWNER: State OGA  
DCP OWNER: STATECO

PHONE:

LATEST GAGE TYPE  
pres trans

START DATE  
04/03/1997

OWNER OF GAGE  
State OGA

-----  
CRESTS -----

HIGHEST BASED ON GAGE READING:  
HIGHEST BASED ON HIGH WATERMARKS:  
HIGHEST SINCE 1/01/1993:  
HIGHEST SINCE 1/01/2003:

LEVEL	DATE
4.80	06/22/1995
4.80	06/22/1995

-----  
REMARKS -----

BOULDER CREEK NEAR ORODELL 3W BOULDER.

HYDROLOGIST: TRESTE' HUSE

REVISED, PRINTED DATES: 10/06/2003, 10/06/2003

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL WEATHER SERVICE

REPORT ON RIVER GAGE STATION

REVISED, PRINTED DATES: 10/06/2003, 10/06/2003

LOCATION: ORODELL  
STREAM: BOULDER CREEK  
BASIN: SOUTH PLATTE

HSA: BOU

REFERENCES:

SOC DWR STATION DESCRIPTION.  
USGS PEAK STREAMFLOW FOR COLORADO.

ABBREVIATIONS:

BM	- bench mark	EPA	- Environmental Protection Agency
DS	- downstream	IBWC	- International Boundary and Water Comm.
US	- upstream	MSRC	- Mississippi River Commission
HW	- high water	MORC	- Missouri River Commission
LW	- low water	NOAA	- National Oceanic and Atmospheric Admin.
RB	- right bank	NOS	- National Ocean Survey
LB	- left bank	NWS	- National Weather Service
MGL	- mean gulf level	TVA	- Tennessee Valley Authority
MLW	- mean low water	USACE	- U.S. Army Corps of Engineers
MSL	- mean sea level	USBR	- U.S. Bureau of Reclamation
MLT	- mean low tide	USGS	- U.S. Geological Survey
MT	- mean tide	USWB	- U.S. Weather Bureau
WQ	- water quality	NGVD	- National Geodetic Vertical Datum
RM	- reference mark	NAD	- North American Datum
RP	- reference point		

LOCATION IDENTIFICATION: OROC2  
NWS INDEX NUMBER: BOCOROCO  
USGS NUMBER: 06727000

MAP OF GAGE LOCATION

LATITUDE: 40 00 23  
LONGITUDE: 105 19 29

SOURCE: USGS FORM 9-197;1971

LOCATION: BOULDER CREEK AT ORODELL, CO  
ID: OROC2

HSA: BOU

Revised, Printed Dates: 10/06/2003, 10/06/2003  
NWS FORM E-19 PAGE 1: GAGE MAP

BENCHMARKS

ELEVATION OF GAGE ZERO: 5826.000  
LEVELING AGENCY AND DATE:  
RATING AGENCY:

VERTICAL DATUM:  
CHECKBAR: 0.000

BENCHMARK	DESCRIPTION	GAGE ZERO	DATUM
RM1	CROSS CHISELED IN TOP OF BOULDER 15 FEET DOWNSTREAM FROM SHELTER. ELEV. 10.00 FT.	10.000	5836.000
RM2	UPPER STEEL ROD IN BOULDER 70 FT NORTHEAST (DOWNSTREAM) FROM GAGE. ELEV. 9.03 FT.	9.030	5835.030
RM3	STD BRASS CAP 50 FT NORTH OF GAGE. ELEV. 9.97 FT.	9.970	5835.970

GAGES

DCP

TELEM

NESS ID: 515873E6  
 OWNER: STATECO  
 REPORT TIME: 00:20  
 INTERVAL: 60

TYPE OF TELEMETRY: ALERT  
 OWNER: State OGA  
 PHONE NUMBER:  
 INTERVAL: 5  
 PAYOR/COST OF LINE: State OGA / \$

GAGE TYPE	OWNER	MAINTENANCE	BEGAN	ENDED	GAGE LOCATION/REMARKS
staff	USGS	USGS	03/18/1906	09/30/1995	UNTIL 5/12/1917 AT SITES 1 MILE DOWNSTREAM, JUST UPSTREAM FROM FOURMILE CREEK AT DIFFERENT DATUMS. FROM 5/12/1917 AT CURRENT SITE & DATUM.
float	USGS	USGS	09/01/1907	09/30/1995	FROM 9/01/1907 TO 5/11/1917 AT SITES 1 MILE DOWNSTREAM, JUST UPSTREAM FROM FOURMILE CREEK AT DIFFERENT DATUMS. SINCE THEN AT CURRENT SITE & DATUM.
float	State DWR	State DWR	10/01/1995		
staff	State DWR	State DWR	10/01/1995		VERTICAL STAFF ON RIGHT SIDE OF CREEK OPPOSTIE GAGE.
pres trans	State OGA	State OGA	04/03/1997		

HISTORY

PUBLICATION/LOCATION OF RECORDS -----	STARTING DATE -----	ENDING DATE -----
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TYPE OF GAGE -----	OWNER -----	STARTING DATE -----	ENDING DATE -----
staff	USGS	03/18/1906	09/30/1995
float	USGS	09/01/1907	09/30/1995
float	State DWR	10/01/1995	
staff	State DWR	10/01/1995	
pres trans	State OGA	04/03/1997	

ZERO ELEVATION -----	STARTING DATE -----
5826.000	05/12/1917

**CRESTS**

FLOOD STAGE: 7.00  
FLOOD FLOW:

ACTION STAGE: 4.00  
ACTION FLOW:

BANKFULL STAGE: 3.50

DATE OF CREST	TIME LST	CREST (ft)	FLOW (CFS)	FROM HIGH WATERMARKS	BASED ON OLD DATUM	CAUSED BY ICE JAM	REMARKS
08/03/1919	UNDEF	4.60	1300				
06/06/1921	UNDEF	4.31	2500				
06/15/1935	UNDEF	3.62	1060				
06/21/1941	UNDEF	3.86	1120				
06/21/1947	UNDEF	4.00	1290				
06/21/1951	UNDEF	3.93	1220				
06/07/1952	UNDEF	3.96	1180				
06/29/1957	UNDEF	3.87	1010				
07/24/1965	UNDEF	4.01	1190				
05/07/1969	UNDEF	4.07	1220				
06/22/1995	03:12	4.80	990				

LOW WATER RECORDS

DATE OF LOW WATER	STAGE (ft)	FLOW (CFS)	REMARKS
06/10/1994		1	



CONDITIONS AFFECTING FLOW

MILES ABOVE MOUTH: 26.0            DRAINAGE AREA: 102.0            POOL STAGE: 0.0

STREAM BED: SMALL BOULDERS AND ROCK.

REACH: ORODELL TO VALMONT

REGULATION: FLOW REGULATED BY BARKER RESERVOIR. LOW FLOW DURING  
NONIRRIGATION SEASON REGULATED BY ORODELL POWERPLANT 1500  
FEET US.

DIVERSION: DIVERSIONS FOR POWER GENERATION.

WINTER: ICE FORMS COMPLETE COVER FOR VARYING PERIODS NOVEMBER TO  
MARCH.

TOPOGRAPHY: BANKS ARE LINED WITH BRUSH AND WILLOWS. RIGHT BANK IS CANYON  
WALL AND WILL NOT OVERFLOW. LEFT BANK WILL OVERFLOW INTO  
PICNIC GROUNDS ABOVE ABOUT 7 FEET, BUT ONLY AS FAR AS ROAD  
BED 200 FEET AWAY.

REMARKS:

## DAMAGE

STAGE	AREAS AFFECTED
3.50	BANKFULL.
4.00	ACTION STAGE. WATER OVER BIKE PATHS IN BOULDER AND LOW LYING AREAS IN BOULDER CANYON.
7.00	FLOOD STAGE. WATER INTO LIBRARY ON CANYON AVENUE. COUNTY ROAD 73 OVERTOPPED.
7.50	WATER INTO AN APARTMENT AND AN OFFICE BUILDING BETWEEN BROADWAY AND 28TH STREET IN BOULDER.
9.00	CONSIDERABLE FLOODING IN DOWNTOWN BOULDER AND BUILDINGS FLOODED NEAR GAGE IN CANYON.
10.00	WATER TO BASE OF 6TH STREET AND ARAPAHOE AVENUE BRIDGES AND WIDESPREAD FLOODING ALONG AND NEAR THE CREEK IN BOULDER.
11.00	WATER INTO JUSTICE CENTER IN BOULDER.
13.00	WATER TO BASE OF 28TH STREET BRIDGE IN BOULDER.
14.50	HIGHWAY 8 BRIDGE NEAR GAGE IMPACTED.

# RIVER STAGE DATA

14.50 - HIGHWAY 8 BRIDGE NEAR GAGE IMPACTED.

13.00 - WATER TO BASE OF 28TH STREET BRIDGE IN BOULDER.

11.00 - WATER INTO JUSTICE CENTER IN BOULDER.

10.00 - WATER TO BASE OF 6TH STREET AND ARAPAHOE AVENUE BRIDGES AND WIDESPREAD FLOODING ALONG AND NEAR THE CREEK IN BOULDER.

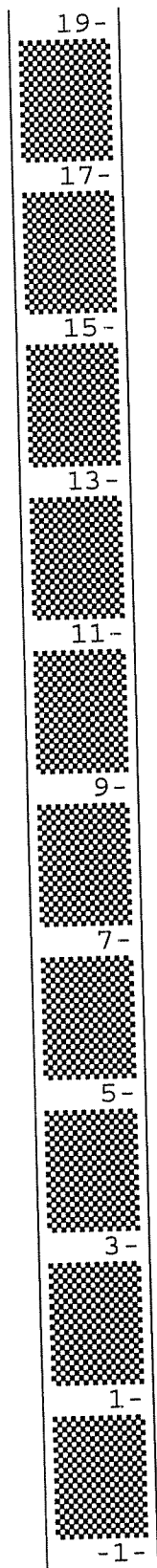
9.00 - CONSIDERABLE FLOODING IN DOWNTOWN BOULDER AND BUILDINGS FLOODED NEAR GAGE IN CANYON.

7.50 - WATER INTO AN APARTMENT AND AN OFFICE BUILDING BETWEEN BROADWAY AND 28TH STREET IN BOULDER.

7.00 - FLOOD STAGE. WATER INTO LIBRARY ON CANYON AVENUE. COUNTY ROAD 73 OVERTOPPED.

4.00 - ACTION STAGE. WATER OVER BIKE PATHS IN BOULDER AND LOW LYING AREAS IN BOULDER CANYON.

3.50 - BANKFULL.



4.80 06/22/1995  
 4.60 08/03/1919  
 4.07 05/07/1969  
 3.62 06/15/1935

ELEVATION ZERO: 5826.00

REACH: ORODELL TO VALMONT

LOCATION: BOULDER CREEK AT ORODELL, CO  
 ID: OROC2

HSA: BOU

Revised, Printed Dates: 10/06/2003, 10/06/2003  
 NWS FORM E-19 PAGE 9: STAFF

## STATION DESCRIPTION

### BOULDER CREEK NEAR ORODELL, COLORADO

LOCATION--Lat 40 00' 23", long 105 19' 49", in NE SW sec. 34, T.1N., R.71W., Boulder County, on left bank in picnic area 200 ft south of Colo. State Highway 119, 0.7 mile southwest of old town site Orodell, 1 mile upstream from Fourmile Creek, and 3 miles west of courthouse in Boulder.

ESTABLISHMENT AND HISTORY--August 20, 1887 (Aug. 1-19, estimated), to October 1888, and March 18 (Oct. 1, 1906 to March 17, 1907, estimated) to August 31, 1907, nonrecording gage, and September 1, 1907 to May 11, 1917 water-stage recorder, at sites 1 mile downstream, just upstream from Fourmile Creek at different datums. May 12, 1917 to August 21, 1994 at site and datum listed above under "location". 1984 a sutron satellite monitoring DCP was installed. August 22, 1994 gage was replaced at old site.

DRAINAGE AREA--102 sq mi (from topographic maps).

GAGE--Data collection platform(DCP) and shaft encoder as primary recording device and a water-stage recorder (A-35) as secondary recording device in six by six ft concrete shelter and 54-inch galvanized culvert as well section on left bank. Well is connected to stream by three 2-inch galvanized pipe intakes. The lower and middle intakes are gated and upper intake is non-gated. The flushing device are two 2-inch diameter pipes with caps behind station. Recorder set by electric tape (adjustable R.P.). Outside gage is a vertical staff on right side of creek opposite gage. In the spring of 1997, Urban Drainage and Flood Control District installed a water-stage sensor.

REFERENCE AND BENCH MARKS--R.M. no. 1 is a cross chiseled in top of large boulder 15 ft downstream from shelter; elevation, 10.00 ft. R.M. no. 2 is upper steel rod in boulder 70 ft northeast (downstream) from gage, elevation, 9.03 ft. R.M. no. 3 is std. brass cap 50 ft north of gage, elevation, 9.97 ft.

CHANNEL AND CONTROL--Channel is composed of embedded small boulders and rock. Low water control is rapids about 40 ft downstream and is stable. Medium and high stages are channel controlled with brush along banks having some influence. There is one channel at all stages; flow somewhat turbulent with high velocities at high stages, but smooth at medium and low stages. Channel is straight for 150 ft upstream and 75 ft below gage. Banks are lined with brush and willows; right bank is canyon wall and will not overflow; left will overflow into picnic grounds above about 7 ft, but only as far as road bed about 150 to 200 ft away.

DISCHARGE MEASUREMENTS--Low flows are measured by wading near station. High water measurements are made at cable at gage.

#### Cableway Data

Cable----5 ft downstream; 5/8 -inch cable marked (2 ft intervals); clear span, 65 ft; aluminum sitdown car with reel frame.

A-frame-Left only: 8 by 8 inch timber; 10 ft high.

Anchorage- Left deadman, turnbuckle in poor condition.

Condition--Usable; some wood rot on base of A-frame.

FLOODS--1906 -14, 1916-95: Maximum discharge, 2,500 cfs June 6, 1921 (gage-height, 4.31 ft). Greatest known flood occurred May 31, 1894. Discharge downstream at Boulder, 12,000 cfs; (see WSP 997). Threat to downstream property has been presumed to occur above a gage height of 4.0 ft.

POINT OF ZERO FLOW--Variable; 1.04 ft in 1994.

WINTER FLOW--Ice forms for varying periods November to March. Power releases from plant above gage clears out ice for some periods of day.

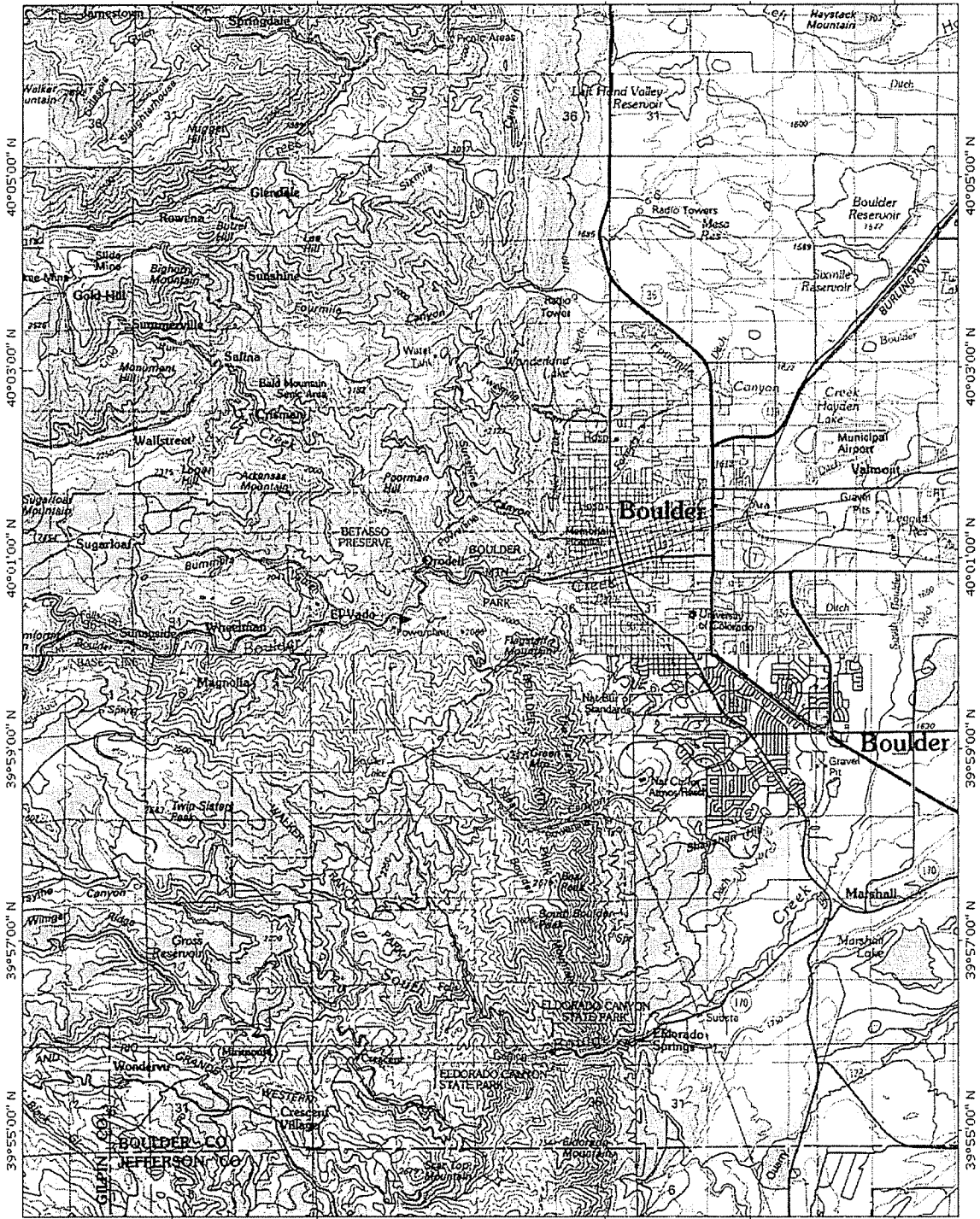
REGULATION AND DIVERSION--Flow regulated by Barker Reservoir (capacity, 11,500 acre-ft).  
Low flow during non-irrigating season regulated by Public Service Company powerplant 1,500 ft upstream.

ACCURACY--Records are usually good except for period of ice effected days, which are fair.

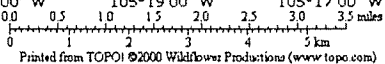
COOPERATION--Station maintained by State Engineer of Colorado in cooperation with U.S.G.S.

REVISED BY--Fred Renner on January 27, 1998.

TOPOI map printed on 11/25/02 from "balzac tpo" and "Untitled.tpg"  
 105°23'00" W 105°21'00" W 105°19'00" W 105°17'00" W 105°15'00" W NAD27 105°13'00" W



TH MN  
 10x4"



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STATE OF COLORADO  
 Division of Water Resources  
 OFFICE OF THE STATE ENGINEER

Rating Table ID: BOCOROCO13  
 Time of last edit: n/a

Gage	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	DIFF
1.00											
.10	0.400	0.410	0.420	0.440	0.460	0.490	0.520	0.560	0.600	0.650	
.20	0.700	0.750	0.800	0.850	0.900	1.00	1.10	1.20	1.30	1.40	0.300
.30	1.50	1.60	1.70	1.85	2.00	2.15	2.30	2.45	2.60	2.80	0.800
.40	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	1.50
.50	5.50	5.75	6.00	6.30	6.60	6.90	7.20	7.50	7.80	8.15	2.50
.60	8.50	8.90	9.30	9.70	10.1	10.5	10.9	11.3	11.7	12.1	3.00
.70	12.5	13.0	13.4	13.8	14.3	14.8	15.2	15.6	16.1	16.6	4.00
.80	17.0	17.6	18.1	18.6	19.2	19.8	20.3	20.8	21.4	22.0	4.50
.90	22.5	23.2	24.0	24.8	25.5	26.2	27.0	27.8	28.5	29.2	5.50
2.00	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	7.50
.10	40.0	41.2	42.4	43.6	44.8	46.0	47.2	48.4	49.6	50.8	10.0
.20	52.0	53.5	55.0	56.5	58.0	59.5	61.0	62.5	64.0	65.5	12.0
.30	67.0	68.8	70.6	72.4	74.2	76.0	77.8	79.6	81.4	83.2	15.0
.40	85.0	87.1	89.2	91.3	93.4	95.5	97.6	99.7	102	104	18.0
.50	106	108	111	114	116	118	121	124	126	128	21.0
.60	131	134	137	140	143	146	148	151	154	157	25.0
.70	160	163	167	170	173	176	180	183	186	190	29.0
.80	193	197	201	204	208	212	216	220	223	227	33.0
.90	231	235	240	244	249	253	257	262	266	271	38.0
3.00	275	280	285	290	295	300	305	310	315	320	44.0
.10	325	330	336	342	347	352	358	364	369	374	50.0
.20	380	386	392	398	404	410	416	422	428	434	55.0
.30	440	447	454	461	468	475	482	489	496	503	60.0
.40	510	518	526	534	542	550	558	566	574	582	70.0
.50	590	599	608	617	626	635	644	653	662	671	80.0
.60	680	690	700	710	720	730	740	750	760	770	90.0
.70	780	790	800	810	820	830	840	850	860	870	100
.80	880	892	904	916	928	940	952	964	976	988	100
.90	1000	1010	1020	1040	1050	1060	1070	1080	1100	1110	120
4.00	1120	1130	1150	1160	1170	1180	1200	1210	1220	1240	120
.10	1250										130
.20											
.30											
.40											
.50											
.60											
.70											
.80											
.90											
5.00											

Water Resources

Data Category:  
Surface Water

Geographic Area:  
Colorado

GO

# Peak Streamflow for Colorado

## USGS 06727000 BOULDER CREEK NEAR ORODELL, CO.

Available data for this site [Station home page](#)

GO

Boulder County, Colorado Hydrologic Unit Code 10190005 Latitude 40°00'23", Longitude 105°19'49" NAD27 Drainage area 102.00 square miles Gage datum 5,826.00 feet above sea level NGVD29				<b>Output formats</b>			
				<a href="#">Table</a>			
				<a href="#">Graph</a>			
				<a href="#">Tab-separated file</a>			
				<a href="#">WATSTORE formatted file</a>			
				<a href="#">Reselect output format</a>			
Water Year	Date	Gage Height (feet)	Stream-flow (cfs)	Water Year	Date	Gage Height (feet)	Stream-flow (cfs)
1888	Jun. 19, 1888		350 <sup>6,7</sup>	1952	Jun. 07, 1952	3.96	1,180 <sup>6</sup>
1907	Jul. 01, 1907		840 <sup>2,6</sup>	1953	Jun. 11, 1953	3.64	786 <sup>6</sup>
1908	Jun. 17, 1908		465 <sup>2,6</sup>	1954	May 20, 1954	3.07	374 <sup>6</sup>
1909	Jun. 20, 1909		875 <sup>2,6</sup>	1955	Jun. 26, 1955	3.21	436 <sup>6</sup>
1910	Jul. 28, 1910		324 <sup>6</sup>	1956	May 23, 1956	3.50	588 <sup>6</sup>
1911	Jun. 14, 1911		469 <sup>6</sup>	1957	Jun. 29, 1957	3.87	1,010 <sup>6</sup>
1912	Jul. 30, 1912		880 <sup>6</sup>	1958	Jun. 06, 1958	3.75	855 <sup>6</sup>
1913	Jun. 02, 1913		366 <sup>6</sup>	1959	Jun. 21, 1959	3.41	602 <sup>6</sup>
1916	Jun. 29, 1916		458 <sup>6</sup>	1960	Jun. 16, 1960	3.66	776 <sup>6</sup>
1917	Jun. 25, 1917	3.23	545 <sup>6</sup>	1961	Jun. 20, 1961	3.53	634 <sup>6</sup>
1918	Jun. 22, 1918	3.74	812 <sup>6</sup>	1962	Jul. 01, 1962	3.42	546 <sup>6</sup>
1919	Aug. 03, 1919	4.60	1,300 <sup>6</sup>	1963	Jun. 16, 1963	3.03	328 <sup>6</sup>
1920	Jun. 10, 1920	3.34	436 <sup>6</sup>	1964	Jun. 29, 1964	2.96	299 <sup>6</sup>
1921	Jun. 06, 1921	4.31	2,500 <sup>6</sup>	1965	Jul. 24, 1965	4.01	1,190 <sup>6</sup>
1922	Jun. 16, 1922	2.95	554 <sup>6</sup>	1966	May 26, 1966	2.84	251 <sup>6</sup>
1923	Jun. 15, 1923	3.58	983 <sup>6</sup>	1967	Jun. 23, 1967	3.32	594 <sup>6</sup>
1924	Jun. 14, 1924	3.42	926 <sup>6</sup>	1968	Jun. 23, 1968	3.21	406 <sup>6</sup>



1925	Jun. 24, 1925	2.87	374 <sup>6</sup>	1969	May 07, 1969	4.07	1,220 <sup>6</sup>
1926	Jun. 08, 1926	3.62	929 <sup>6</sup>	1970	May 25, 1970	3.53	634 <sup>6</sup>
1927	Jun. 11, 1927	3.30	672 <sup>6</sup>	1971	Jun. 19, 1971	3.67	753 <sup>6</sup>
1928	Jun. 02, 1928	3.42	767 <sup>6</sup>	1972	Jun. 06, 1972	3.23	360 <sup>6</sup>
1929	Jun. 22, 1929	3.17	548 <sup>6</sup>	1973	Jun. 14, 1973	3.58	610 <sup>6</sup>
1930	Jun. 14, 1930	3.08	490 <sup>6</sup>	1974	Jun. 21, 1974	3.39	488 <sup>6</sup>
1931	May 28, 1931	3.25	535 <sup>6</sup>	1975	Jul. 03, 1975	3.35	460 <sup>6</sup>
1932	Jun. 26, 1932	3.27	550 <sup>6</sup>	1976	Aug. 03, 1976	2.96	249 <sup>6</sup>
1933	Jun. 12, 1933	3.39	480 <sup>6</sup>	1977	Jun. 09, 1977	3.04	290 <sup>6</sup>
1934	May 31, 1934	2.96	576 <sup>6</sup>	1978	Jun. 25, 1978	3.54	608 <sup>6</sup>
1935	Jun. 15, 1935	3.62	1,060 <sup>6</sup>	1979	Jul. 01, 1979	3.52	582 <sup>6</sup>
1936	Jun. 19, 1936	3.27	626 <sup>6</sup>	1980	Jul. 02, 1980	3.57	599 <sup>6</sup>
1937	Jun. 25, 1937	3.10	455 <sup>6</sup>	1981	Jun. 04, 1981	2.94	240 <sup>6</sup>
1938	Jun. 22, 1938	3.53	802 <sup>6</sup>	1982	Jul. 02, 1982	3.43	510 <sup>6</sup>
1939	May 31, 1939	3.01	425 <sup>6</sup>	1983	Jun. 28, 1983	3.77	830 <sup>6</sup>
1940	Sep. 21, 1940	3.15	490 <sup>6</sup>	1984	Jul. 02, 1984	3.52	566 <sup>6</sup>
1941	Jun. 21, 1941	3.86	1,120 <sup>6</sup>	1985	Jun. 10, 1985	3.38	454 <sup>6</sup>
1942	Jun. 12, 1942	3.52	793 <sup>6</sup>	1986	Jun. 20, 1986	3.56	617 <sup>6</sup>
1943	Jun. 30, 1943	3.34	634 <sup>6</sup>	1987	Jun. 10, 1987	3.26	416 <sup>6</sup>
1944	Jun. 22, 1944	3.27	578 <sup>6</sup>	1988	Jun. 22, 1988	3.29	440 <sup>6</sup>
1945	Jun. 26, 1945	3.32	617 <sup>6</sup>	1989	Jul. 30, 1989	2.81	208 <sup>6</sup>
1946	Jun. 18, 1946	3.12	469 <sup>6</sup>	1990	Jun. 12, 1990	3.33	489 <sup>6</sup>
1947	Jun. 21, 1947	4.00	1,290 <sup>6</sup>	1991	Jun. 18, 1991	3.27	428 <sup>6</sup>
1948	Jun. 07, 1948	3.40	712 <sup>6</sup>	1992	May 21, 1992	2.98	266 <sup>6</sup>
1949	Jun. 06, 1949	3.70	965 <sup>6</sup>	1993	Jun. 18, 1993	3.27	428 <sup>6</sup>
1950	Jun. 16, 1950	3.26	518 <sup>6</sup>	1994	Jun. 02, 1994	3.05	285 <sup>6</sup>
1951	Jun. 21, 1951	3.93	1,220 <sup>6</sup>	1995	Jun. 21, 1995	3.64	830 <sup>6</sup>

Peak Streamflow Qualification Codes.

- 2 -- Discharge is an Estimate
- 6 -- Discharge affected by Regulation or Diversion
- 7 -- Discharge is an Historic Peak