06142400 CLEAR CREEK NEAR CHINOOK, MT

Milk Basin
Middle Milk Subbasin

LOCATION.--Lat 48°34′44″, long 109°23′26″ referenced to North American Datum of 1927, in SE ¼ NW ¼ NW ¼ sec.33, T.33 N., R.18 E., Blaine County, MT, Hydrologic Unit 10050004, on right bank, 7 mi west of Chinook, and at river mile 2.5.

DRAINAGE AREA.--135 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1984 to current year (seasonal records only).

GAGE.--Water-stage recorder. Elevation of gage is 2,470 ft, referenced to the National Geodetic Vertical Datum of 1929.

REMARKS.--Records are good. Diversions for irrigation of about 2,000 acres occur upstream from station. Bureau of Reclamation satellite telemeter is located at the station. Several unpublished observations of water temperatures and specific conductance were made during the year.

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DISCHARGE, CUBIC FEET PER SECOND
CALENDAR YEAR JANUARY TO DECEMBER 2007
DAILY MEAN VALUES
[e, estimated]

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1				e16	57	85	29	0.47	0.03			
2				e16	51	75	26	0.31	0.02			
3				17	51	71	27	0.17	0.02			
4				16	55	65	23	0.10	0.03			
5				20	46	60	20	0.00	0.07			
6				26	39	60	19	0.00	0.03			
7				24	38	121	18	0.04	0.06			
8				22	36	128	18	0.00	0.19			
9				20	33	99	21	0.00	0.41			
10				19	30	79	22	0.00	0.44			
11				24	33	68	20	0.00	0.26			
12				26	30	60	18	0.00	0.27			
13				23	31	53	16	0.00	0.63			
14				22	39	51	13	0.01	0.83			
15				19	36	48	12	0.02	0.90			
16				18	32	46	9.9	0.01	0.46			
17				22	25	49	7.7	0.03	0.07			
18				26	19	64	8.5	0.09	0.00			
19				43	18	64	6.7	0.10	0.21			
20				73	19	57	4.4	0.12	0.71			
21				81	22	48	3.5	0.13	0.74			
22				73	28	42	2.7	0.04	0.55			
23				69	51	38	3.0	0.02	0.72			
24				65	69	42	3.4	0.01	0.96			
25				66	60	45	4.1	e0.01	0.80			
26				70	58	46	3.8	e0.02	0.68			
27				73	54	40	2.7	e0.03	0.50			
28				70	50	35	2.2	0.03	0.36			
29				65	56	31	1.8	0.06	0.21			
30				60	90	28	1.2	0.06	0.19			
31				---	101	---	0.82	0.05	---			
Total				1,184	1,357	1,798	368.42	1.93	11.35			
Mean				39.5	43.8	59.9	11.9	0.06	0.38			
Max				81	101	128	29	0.47	0.96			
Min				16	18	28	0.82	0.00	0.00			
Ac-ft				2,350	2,690	3,570	731	3.8	23			

STATISTICS OF MONTHLY MEAN DATA FOR SEASONS 1984 - 2007

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean				11.7	19.4	18.7	8.44	2.35	3.46	13.6		
Max				46.0	137	74.0	51.4	34.9	47.4	42.9		
(WY)				(1994)	(1986)	(1986)	(1993)	(1993)	(1986)	(1987)		
Min				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
(WY)				(2002)	(2001)	(2001)	(1985)	(1984)	(1984)	(2000)		

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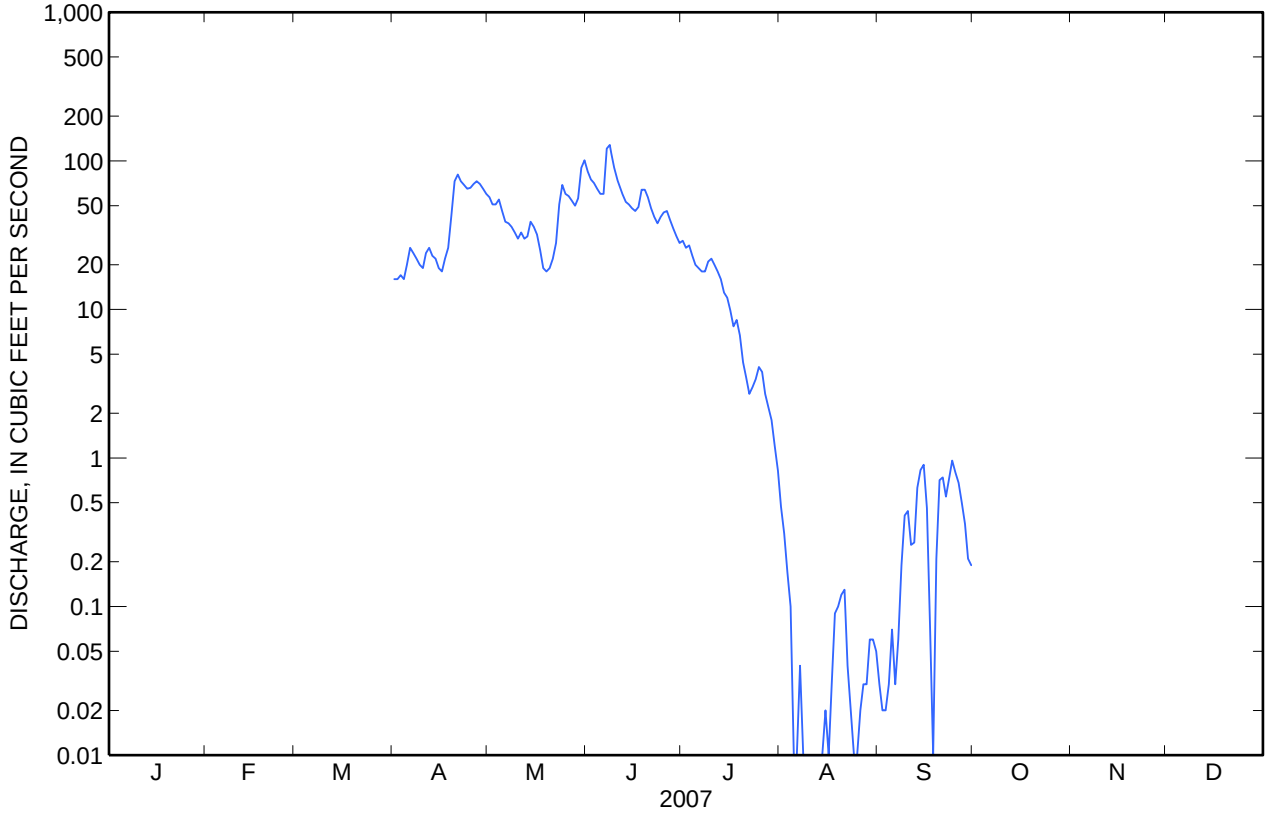
	Season 2007		Seasons 1984 - 2007	
Highest daily mean	128	Jun 8	360	Sep 25, 1986
Lowest daily mean	0.00	Aug 5	0.00	Jul 5, 1984 [a]
Annual seven-day minimum			0.00	Jul 5, 1984
Maximum peak flow	148	Jun 7	571	Sep 25, 1986
Maximum peak stage	3.93	Jun 7	8.23	Sep 25, 1986

[a] No flow at times most seasons.