12323000 COLUMBIA RIVER AT BIRCHBANK, BRITISH COLUMBIA
(International gaging station)

LOCATION.--Lat 49°10'40", long 117°42'59", on right bank at Birchbank, British Columbia, 0.7 mi downstream from Sullivan Creek, 7 mi upstream from Trail, 11.7 mi downstream from Kootenay River, 17.4 mi upstream from international boundary, and at mile 762.4.

DRAINAGE AREA.--34,000 mi^2, approximately.

PERIOD OF RECORD.--April 1913 to current year in reports of Geological Survey and Water Survey of Canada. Published as "at Trail, British Columbia" 1913-37.

REVISED RECORDS.--WSP 982: 1942. WSP 1216: 1949.

GAGE.--Water-stage recorder. Datum of gage is 1,329.90 ft above sea level, 1947 international joint adjustment, published as 1,338.00 ft prior to October 1948. Prior to Oct. 1, 1937, nonrecording gage on highway bridge at site 6.8 mi downstream at datum 16.27 ft lower.

REMARKS.--Flow regulated by six major reservoirs, and by numerous small reservoirs and powerplants. Diversions upstream from station for irrigation of about 25,000 acres.

COOPERATION.--Discharge records furnished by Environment Canada, Monitoring and Systems Branch, Water Survey Division. This station is maintained by Canada under agreement with the United States.

AVERAGE DISCHARGE.--87 years (water years 1914-2000), 71,440 ft^3/s, 51,760,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 377,000 ft^3/s June 9, 1961, gage height, 50.05 ft; maximum gage height, 50.62 ft June 11, 1948; minimum discharge observed, 8,940 ft^3/s Feb. 3, 1937, gage height, 6.27 ft, site and datum then in use.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 120,000 ft^3/s Jan. 20; minimum daily discharge, 34,600 ft^3/s Nov. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90400	83700	85100	84000	99600	78400	40300	59000	82600	91100	114000	75600
2	82600	83000	87200	85800	94300	76300	39600	58600	81900	99200	113000	72400
3	77700	82300	88300	89300	93200	70300	39600	61400	81600	102000	112000	72400
4	77300	67100	92200	91100	91100	70600	41000	61400	87600	107000	112000	71000
5	72400	47000	96400	93900	90400	70300	41000	65000	92500	110000	115000	77700
6	63900	34600	96800	96400	90400	68500	41000	63900	90100	112000	115000	93200
7	65300	34800	96100	95300	89300	67100	41000	63900	97800	110000	116000	97100
8	67100	39900	94300	95300	87600	65700	41000	62900	96400	105000	114000	94600
9	69600	43800	97500	95300	87200	66400	40600	62200	98200	102000	117000	91800
10	69200	52300	101000	95700	87200	68500	41700	61800	98900	104000	117000	90800
11	70600	52600	101000	95300	87200	67100	40600	61100	97800	96800	114000	90800
12	73500	66000	99200	95700	86900	67500	41700	59700	97500	92200	106000	91100
13	72400	94600	99900	95300	85800	67500	42000	59000	98200	98200	106000	90800
14	67500	98900	100000	96100	85100	67500	42400	57900	105000	101000	108000	89700
15	65700	92900	98900	101000	84400	67500	41700	58300	115000	95000	103000	88600
16	63600	77700	98900	99600	85500	67500	41700	58300	113000	88300	89300	84400
17	63200	70300	98900	98500	86200	67800	42000	59000	111000	86200	79800	80900
18	63200	67100	98900	103000	85500	68200	42400	61100	104000	85100	79800	80900
19	59700	61100	98500	117000	86200	67800	42700	62500	90100	85100	74500	85500
20	56200	59700	98500	120000	87200	68200	45200	69200	77000	73500	69600	90400
21	55800	64300	95300	118000	86500	68500	51200	75900	74900	75900	69900	86200
22	57900	68500	92500	115000	86900	65000	51600	79800	74500	90400	73500	81200
23	63900	71700	92200	116000	83300	59700	55100	81900	74900	93900	77300	78000
24	67800	75900	92200	118000	80900	54000	54400	77700	78800	95300	77300	71700
25	69900	71300	90100	119000	80200	50900	55800	73800	77700	107000	77300	63900
26	73100	77300	86900	118000	81200	50500	58300	74200	76600	115000	82600	58600
27	74200	81900	85500	117000	80200	50100	57900	73500	76600	118000	94600	55100
28	73100	87600	75900	115000	79800	47000	55400	74200	77700	109000	93200	53000
29	76300	84800	80900	112000	79100	42700	62900	73800	78400	100000	89700	53000
30	88600	80500	82300	113000	---	40600	60000	72700	82600	97500	88300	51600
31	88600	---	85500	108000	---	40300	---	78400	---	108000	85500	---
TOTAL	2180300	2073200	2886900	3212600	2508400	1948000	1391800	2062100	2688900	3053700	2984200	2362000
MEAN	70330	69110	93130	103600	86500	62840	46390	66520	89630	98510	96260	78730
MAX	90400	98900	101000	120000	99600	78400	62900	81900	115000	118000	117000	97100
MIN	55800	34600	75900	84000	79100	40300	39600	57900	74500	73500	69600	51600
AC-FT	4325000	4112000	5726000	6372000	4975000	3864000	2761000	4090000	5333000	6057000	5919000	4685000

CAL YR 1999 TOTAL 31548200 MEAN 86430 MAX 158000 MIN 34600 AC-FT 62580000
WTR YR 2000 TOTAL 29352100 MEAN 80200 MAX 120000 MIN 34600 AC-FT 58220000