

Table 7

**OBSERVED DISCHARGE AND RUNOFF
COLUMBIA RIVER AT GRAND COULEE, WASHINGTON
(Period of Record: 1929–2002)**

MONTH	MONTHLY MEAN OBSERVED STREAMFLOWS (cfs)						
	MAXIMUM		MINIMUM		WY 2002		1971-2000 AVERAGE
	Discharge	WY	Discharge	WY	Discharge	% of Avg	
Oct	106,700	1998	41,130	1930	55,950	72	78,200
Nov	107,700	1986	28,480	1937	71,350	82	87,260
Dec	141,800	2000	23,200	1937	80,850	79	102,200
Jan	154,900	1996	18,220	1937	91,710	82	112,400
Feb	168,600	1996	18,200	1937	91,190	80	114,000
Mar	185,300	1982	23,840	1937	63,900	58	110,900
Apr	180,800	1969	32,020	1944	110,900	102	108,900
May	315,200	1934	47,900	2001	118,200	88	133,900
Jun	528,700	1948	70,600	1977	178,200	127	140,800
Jul	355,600	1950	50,590	2001	163,100	135	121,200
Aug	183,600	1976	60,490	1989	110,400	105	104,700
Sep	121,700	1976	55,880	1994	71,600	90	79,290
Annual	144,900	1997	70,200	1944	100,600	93	107,800
MONTH	OBSERVED RUNOFF ACCUMULATION (kaf)						
	MAXIMUM		MINIMUM		WY 2002		1971-2000 AVERAGE
	Runoff	WY	Runoff	WY	Runoff	% of Avg	
Oct-Mar	47,990	1996	9,300	1937	27,290	75	36,410
Jan-Jul	75,540	1948	25,590	2001	49,130	97	50,670
Apr-Jul	65,910	1948	14,320	2001	34,500	113	30,550
Apr-Aug	73,980	1948	18,540	2001	41,290	112	36,980
Apr-Sep	78,700	1948	22,250	2001	45,550	109	41,700
Annual	104,900	1997	50,960	1944	72,840	93	78,110