

Table 9

MODIFIED DISCHARGE AND RUNOFF ¹
COLUMBIA RIVER AT THE DALLES, OREGON

MONTH	MEAN MONTHLY MODIFIED STREAMFLOWS (cfs)						
	MAXIMUM		MINIMUM		WY 1999		1928-89 Average
	Discharge	WY	Discharge	WY	Discharge	% of Avg	
Oct	165,800	1960	54,650	1988	67,350	79	85,260
Nov	167,500	1996	50,110	1930	84,380	93	90,260
Dec	223,000	1996	51,320	1931	101,470	107	94,810
Jan	222,700	1974	39,160	1937	121,720	131	92,930
Feb	279,000	1996	51,160	1937	120,330	114	105,100
Mar	316,900	1972	59,130	1977	189,160	149	127,300
Apr	400,200	1943	108,000	1929	252,270	115	219,600
May	669,400	1957	221,000	1977	421,090	101	417,700
Jun	841,300	1974	248,500	1977	596,130	128	465,300
Jul	428,100	1954	122,000	1977	356,300	143	248,800
Aug	228,800	1976	95,190	1987	196,010	150	130,300
Sep	150,600	1959	67,950	1988	93,860	101	92,870
Annual	268,600	1974	108,600	1977	217,026	120	181,080

MONTH	MODIFIED RUNOFF ACCUMULATION (kaf)						
	MAXIMUM		MINIMUM		WY 1999		1928-89 Average
	Runoff	WY	Runoff	WY	Runoff	% of Avg	
Oct-Mar	67,200	1996	19,640	1937	41,198	115	35,820
Jan-Jul	156,900	1974	53,810	1977	124,080	123	85,820
Apr-Jul	124,100	1974	43,060	1977	98,284	120	81,740
Apr-Aug	134,600	1974	49,580	1977	110,336	123	89,750
Apr-Sep	140,400	1974	54,250	1977	115,920	122	95,270
Annual	194,400	1974	78,610	1977	157,119	120	131,100

¹ Modified streamflows, 1990 Level of Irrigation, 1928-89