

Table 9

**OBSERVED DISCHARGE AND RUNOFF  
COLUMBIA RIVER AT THE DALLES, OREGON  
(Period of Record: 1879-2001)**

MONTH	MONTHLY MEAN OBSERVED STREAMFLOWS (cfs)							1971-2000 AVERAGE
	MAXIMUM		MINIMUM		WY 2001			
	Discharge	WY	Discharge	WY	Discharge	% of Avg		
Oct	174,800	1960	69,430	1930	<b>110,000</b>	<b>92</b>	119,300	
Nov	200,800	1928	57,830	1937	<b>127,500</b>	<b>95</b>	134,300	
Dec	258,300	1996	52,380	1937	<b>143,400</b>	<b>89</b>	160,900	
Jan	275,000	1997	42,340	1937	<b>129,900</b>	<b>73</b>	178,700	
Feb	340,400	1996	51,420	1937	<b>125,900</b>	<b>66</b>	190,600	
Mar	345,000	1983	69,820	1937	<b>119,400</b>	<b>58</b>	206,100	
Apr	386,400	1881	98,350	1944	<b>115,700</b>	<b>53</b>	218,900	
May	624,400	1897	136,100	1977	<b>138,000</b>	<b>48</b>	287,000	
Jun	1,002,000	1894	123,700	1977	<b>131,600</b>	<b>45</b>	290,800	
Jul	793,300	1880	<b>86,780</b>	<b>2001</b>	<b>86,780</b>	<b>46</b>	189,400	
Aug	385,700	1880	91,970	1994	<b>99,450</b>	<b>70</b>	141,200	
Sep	198,200	1880	75,760	1994	<b>83,650</b>	<b>72</b>	116,100	
Annual	263,700	1997	<b>117,600</b>	<b>2001</b>	<b>117,600</b>	<b>63</b>	186,000	
MONTH	OBSERVED RUNOFF ACCUMULATION (kaf)							1971-2000 AVERAGE
	MAXIMUM		MINIMUM		WY 2001			
	Runoff	WY	Runoff	WY	Runoff	% of Avg		
Oct-Mar	87,160	1996	20,730	1937	<b>45,480</b>	<b>76</b>	59,560	
Jan-Jul	173,800	1894	50,760	1977	<b>50,860</b>	<b>54</b>	93,970	
Apr-Jul	148,500	1894	27,360	1977	<b>28,540</b>	<b>48</b>	59,620	
Apr-Aug	165,200	1894	33,120	1977	<b>34,660</b>	<b>51</b>	68,300	
Apr-Sep	175,600	1894	39,010	1977	<b>39,630</b>	<b>53</b>	75,210	
Annual	227,000	1894	<b>85,140</b>	<b>2001</b>	<b>85,140</b>	<b>63</b>	134,800	