

Table 7

**OBSERVED DISCHARGE AND RUNOFF  
COLUMBIA RIVER AT GRAND COULEE, WASHINGTON  
(Period of Record: 1929–2004)**

MONTH	MONTHLY MEAN OBSERVED STREAMFLOWS (cfs)						
	MAXIMUM		MINIMUM		WY 2004		1971-2000 AVERAGE
	Discharge	WY	Discharge	WY	Discharge	% of Avg	
Oct	106,700	1998	41,130	1930	<b>73,190</b>	<b>94</b>	78,200
Nov	107,700	1986	28,480	1937	<b>86,770</b>	<b>99</b>	87,260
Dec	141,800	2000	23,200	1937	<b>105,400</b>	<b>103</b>	102,200
Jan	154,900	1996	18,220	1937	<b>94,760</b>	<b>84</b>	112,400
Feb	168,600	1996	18,200	1937	<b>78,850</b>	<b>69</b>	114,000
Mar	185,300	1982	23,840	1937	<b>66,830</b>	<b>60</b>	110,900
Apr	180,800	1969	32,020	1944	<b>78,810</b>	<b>72</b>	108,900
May	315,200	1934	47,900	2001	<b>99,220</b>	<b>74</b>	133,900
Jun	528,700	1948	70,600	1977	<b>121,100</b>	<b>86</b>	140,800
Jul	355,600	1950	50,590	2001	<b>96,840</b>	<b>80</b>	121,200
Aug	183,600	1976	60,490	1989	<b>93,400</b>	<b>89</b>	104,700
Sep	121,700	1976	55,880	1994	<b>72,200</b>	<b>91</b>	79,290
Annual	144,900	1997	70,200	1944	<b>88,990</b>	<b>83</b>	107,800
MONTH	OBSERVED RUNOFF ACCUMULATION (kaf)						
	MAXIMUM		MINIMUM		WY 2004		1971-2000 AVERAGE
	Runoff	WY	Runoff	WY	Runoff	% of Avg	
Oct-Mar	47,990	1996	9,300	1937	<b>30,620</b>	<b>84</b>	36,410
Jan-Jul	75,540	1948	25,590	2001	<b>38,420</b>	<b>76</b>	50,670
Apr-Jul	65,910	1948	14,320	2001	<b>23,950</b>	<b>78</b>	30,550
Apr-Aug	73,980	1948	18,540	2001	<b>29,690</b>	<b>80</b>	36,980
Apr-Sep	78,700	1948	22,250	2001	<b>33,990</b>	<b>82</b>	41,700
Annual	104,900	1997	50,960	1944	<b>64,610</b>	<b>83</b>	78,110