

Table 10

**MODIFIED DISCHARGE AND RUNOFF <sup>1</sup>**  
**WILLAMETTE RIVER AT SALEM, OREGON**

MONTH	MEAN MONTHLY MODIFIED STREAMFLOWS (cfs)						
	MAXIMUM		MINIMUM		WY 1998		1928-89 Average
	Discharge	WY	Discharge	WY	Discharge	% of Avg	
Oct	32,130	1948	2,530	1988	<b>14,950</b>	<b>198</b>	7,540
Nov	71,400	1974	3,160	1937	<b>19,750</b>	<b>78</b>	25,450
Dec	128,300	1965	5,300	1977	<b>22,620</b>	<b>51</b>	44,190
Jan	94,300	1953	6,090	1977	<b>58,290</b>	<b>125</b>	46,700
Feb	101,300	1996	6,340	1977	<b>38,210</b>	<b>88</b>	43,320
Mar	79,080	1972	11,130	1941	<b>37,520</b>	<b>103</b>	36,360
Apr	63,410	1937	10,820	1941	<b>22,910</b>	<b>76</b>	30,210
May	39,920	1963	10,160	1987	<b>26,150</b>	<b>117</b>	22,410
Jun	36,760	1933	4,518	1992	<b>16,600</b>	<b>118</b>	14,090
Jul	12,290	1983	2,490	1940	<b>7,120</b>	<b>119</b>	5,990
Aug	5,970	1968	1,911	1967	<b>4,020</b>	<b>105</b>	3,830
Sep	7,556	1978	2,467	1987	<b>2,670</b>	<b>66</b>	4,050
Annual	38,170	1974	9,593	1977	<b>22,517</b>	<b>96</b>	23,570

  

MONTH	MODIFIED RUNOFF ACCUMULATION (kaf)						
	MAXIMUM		MINIMUM		WY 98		1928-89 Average
	Runoff	WY	Runoff	WY	Runoff	% of Avg	
Oct-Mar	21,200	1956	3,151	1977	<b>11,498</b>	<b>94</b>	12,210
Jan-Jul	18,210	1972	5,561	1977	<b>12,410</b>	<b>108</b>	11,530
Apr-Jul	8,011	1937	2,253	1987	<b>4,397</b>	<b>100</b>	4,380
Apr-Aug	8,294	1937	2,435	1987	<b>4,644</b>	<b>101</b>	4,620
Apr-Sep	8,540	1937	2,582	1987	<b>4,803</b>	<b>99</b>	4,860
Annual	27,630	1974	6,945	1977	<b>16,301</b>	<b>96</b>	17,070

<sup>1</sup> Modified streamflows, 1990 Level of Irrigation, 1928-89.