

## Ecology versus USGS Flow Regression Tables

**Table 1.** Comparison of instantaneous flow (cfs) generated using rating curves developed by USGS and Ecology's Stream Hydrology Unit flow measurements using USGS methods and Swoffer 2100 equipment.

Chehalis R @ Dryad			Similkameen R. @ Oroville			Samish R. nr Burlington		
Date	USGS	Ecology	Date	USGS	Ecology	Date	USGS	Ecology
10/98	91	90	10/98	380	382	10/98	36 *	150
11/98	640	553	11/98	377	378	11/98	416	450
12/98	8900	11682	12/98	485	484	12/98	738	793
1/99	1200	1137	1/99	620	630	1/99	555	583
2/99	-----	-----	2/99	660	640	2/99	385	406
3/99	1737	1750	3/99	560	550	3/99	337	359
4/99	377	311	4/99	820	910	4/99	307	327
5/99	724	637	5/99	4100	3820	5/99	172	180
6/99	152	133	6/99	12600	13500	6/99	103	107
7/99	69	71	7/99	9030	8590	7/99	83	78
8/99	50	47	8/99	2680	2750	8/99	61	62
9/99	29	25	9/99	1020	1165	9/99	32	32
r <sup>2</sup> = 0.9967			r <sup>2</sup> = 0.995			r <sup>2</sup> = 0.9815		

\*Questionable data based on stage height reading.