Squire Crk

Transect (model)	**1**	**2**	**3a**	**3b**	**4a**	**4b**	**5a**	**5b**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	3	3	1	1	1	1	1	1
Discharge	98	83	91	91	91	91	91	91
	144	144	130	130	130	130	130	130
	336	317	324	324	324	324	324	324
Stage	88.84	88.96	89.01	89.01	89.49	89.49	90.92	90.92
	89.1	89.27	89.275	89.275	89.81	89.81	91.11	91.11
	89.59	89.92	89.965	89.965	90.35	90.35	91.66	91.66
Plotting Stage	1.82	1.94	1.99	1.99	1.59	1.59	1.64	1.64
	2.08	2.25	2.255	2.255	1.91	1.91	1.83	1.83
	2.57	2.9	2.945	2.945	2.45	2.45	2.38	2.38
Ratio of Measured vs. Predicted Discharge								
	1.04	0.98	1.021	1.021	1.072	1.072	1.008	1.008
	0.94	1.04	0.97	0.97	0.887	0.887	0.989	0.989
	1.02	0.99	1.01	1.01	1.052	1.052	1.003	1.003
Mean Error of stage/discharge relationship for calculated Q								
	4.02	2.56	NA	NA	NA	NA	NA	NA
Mean Error of stage/discharge relationship for given Q								
	3.05	4.89	2.07	2.07	8.15	8.15	0.72	0.72
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF								
A=	0.5185	0.5092						
B =	0.2763	0.3014						
SZF =	87.02	87.02	87.02	87.02	87.9	87.9	89.28	89.28
Beta coefficient log/log discharge/stage relationship								
	3.62	3.32	3.268	3.268	2.979	2.979	3.422	3.422

SF Arlington

Transect (model)	**1**	**2**	**3a**	**3b**	**4**	**5**	**6a**	**6b**	**6c**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	3	3	2	1	3	3	2	2	1
Discharge	481	518	489	465	531	514	737		735
	1531	1664	1690	1690	1706	1780	1901	1901	1690
	2273	2253		1850	2670	2742		2476	2390
Stage	82.33	82.45	83.47	83.335	83.63	83.64	83.74		83.73
	83.52	83.74	84.6	84.6	85.2	85.38	85.6	85.6	85.53
	84.09	84.35		84.69	85.81	85.86		86.24	86.24
Plotting Stage	2.3	2.42	1.96	1.825	2.12	2.13	2.23		2.22
	.3.49	3.71	3.09	3.09	3.69	3.87	4.09	4.09	4.02
	4.06	4.32		3.18	4.3	4.35		4.73	4.73
Ratio of Measured vs. Predicted Discharge									
	1	0.99	1	1.001	1.01	1.02	1	1	1.012
	1.01	1.05	1	0.99	0.94	0.91	1	1	0.946
	0.99	0.96		1.01	1.05	1.08			1.045
Mean Error of stage/discharge relationship for calculated Q									
	0.74	3.43	0	NA	3.99	6.15	0	0	NA
Mean Error of stage/discharge relationship for given Q									
	1.3	1.06	0.67	0.67	0.21	1.58	3.75	3.75	3.75
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF									
A=	0.2412	0.2135	0.2018		0.1288	0.1351	0.3258	0.643	
B =	0.3649	0.3877	0.3671		0.4473	0.4428	0.6401	0.55	
SZF =	0.8003	80.03	81.51		81.51	81.51	81.51	81.51	
Beta coefficient log/log discharge/stage relationship									
	2.74	2.58	2.724	2.471	2.24	2.26	1.562	1.818	1.517

SF Marten

Transect (model)	**1**	**2**	**3**	**4a**	**4b**	**5**	**6a**	**6b**	**7a**	**7b**	**8a**	**8b**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	3	3	3	1	1	3	1	1	2	1	2	1
Discharge	112	102	97	120	120	104	102	102	108	102	129	120
	318	294	294	301	301	287	301	301	297	301	368	301
	517	475	494	555	555	466	483	483		483		555
Stage	89.38	89.45	89.44	90.545	90.545	91.87	91.89	91.89	92.9	92.805	93.57	93.425
	90.2	90.28	90.37	91.2	91.2	92.68	92.665	92.665	93.58	93.6	94.42	94.14
	90.67	90.72	90.77	91.69	91.69	93.04	93.03	93.03		94.05		94.8
Plotting Stage	1.93	2	1.99	2.105	2.105	2.63	2.65	2.65	1.57	1.475	2.14	1.995
	2.75	2.83	2.92	2.76	2.76	3.44	3.425	3.425	2.25	2.27	2.99	2.71
	3.22	3.27	3.32	3.25	3.25	3.8	3.79	3.79		2.72		3.37
Ratio of Measured vs. Predicted Discharge												
	1	1.01	1.02	1.009	1.009	1.01	1.006	1.006	1	1.002	1	0.993
	0.99	0.98	0.93	0.977	0.977	0.95	0.98	0.98	1	0.992	1	1.017
	1.01	1.01	1.05	1.015	1.015	1.04	1.015	1.015		1.006		0.99
Mean Error of stage/discharge relationship for calculated Q												
	0.68	1.21	4.55	NA	NA	3.28	NA	NA	0	NA	0	NA
Mean Error of stage/discharge relationship for given Q												
	0.4	0.36	0.75	1.56	1.56	1.67	1.37	1.37	0.56	0.56	1.09	1.09
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF												
A=	0.3954	0.4526	0.4636			0.8301			0.296		0.4552	
B =	0.336	0.3215	0.3201			0.249			0.356		0.3186	
SZF =	87.45	87.45	87.45	88.44	88.44	89.24	89.24	89.24	91.33	91.33	91.43	91.43
Beta coefficient log/log discharge/stage relationship												
	2.976	3.11	3.12	3.513	3.513	4.02	4.321	4.321	2.807	2.535	3.139	2.926

SF Chappel

Transect (model)	**1**	**2**	**3**	**4**	**5**	**6**	**7**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	2	2	2	2	2	2	2
Discharge	366	286	274	274	285	293	285
	1341	1268	1225	951	1163	1280	1210
Stage	80.29	80.43	80.71	82.38	82.98	83.27	83.84
	81.91	812.13	82.3	83.21	84.34	84.9	85.38
Plotting Stage	5.49	3.23	3.51	1.98	2.18	2.47	2.64
	7.11	4.93	5.1	2.81	3.54	4.1	4.18
Ratio of Measured vs. Predicted Discharge							
	1	1	1	1	1	1	1
	1	1	1	1	1	1	1
Mean Error of stage/discharge relationship for calculated Q							
	0	0	0	0	0	0	0
Mean Error of stage/discharge relationship for given Q							
	0	0	0	0	0	0	0
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF							
A=	0.1696	0.6485	0.8636	0.4072	0.3097	0.3499	0.4381
B =	0.199	0.2839	0.2497	0.2817	0.3451	0.344	0.3178
SZF =	74.8	77.2	77.2	80.8	80.8	80.8	81.2
Beta coefficient log/log discharge/stage relationship							
	5.025	3.523	4.004	3.55	2.897	2.907	3.147

Pilchuck Crk

Transect (model)	**1a**	**1b**	**2**	**3a**	**3b**	**3c**	**4**	**5**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	2	1	3	1	1	1	2	2
Discharge	14	32	48	52	52	52	45	49
	182	205	230	205	205	205		231
		289	356	363	363	363	350	
Stage	91.18	91.415	91.94	92.055	92.055	92.055	92.34	92.34
	92.09	92.15	92.65	92.81	92.81	92.81		93.31
		92.32	92.94	93.16	93.16	93.16	93.52	
Plotting Stage	0.68	0.915	1.34	1.455	1.455	1.455	1.24	1.24
	1.59	1.65	2.05	2.21	2.21	2.21		2.21
		1.82	2.34	2.56	2.56	2.56	2.42	
Ratio of Measured vs. Predicted Discharge								
	1	1.002	0.99	1.011	1.011	1.011	1	1
	1	0.983	1.03	0.96	0.96	0.96	1	1
		1.015	0.98	1.031	1.031	1.031		
Mean Error of stage/discharge relationship for calculated Q								
	0	NA	1.63	NA	NA	NA	0	0
Mean Error of stage/discharge relationship for given Q								
	1.13	1.13	0.78	2.73	2.73	2.73	0.57	1.3
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF								
A=	0.2775		0.4615				0.3572	0.2903
B =	0.3353		0.2754				0.3266	0.3729
SZF =	90.5		90.6				91.1	91.1
Beta coefficient log/log discharge/stage relationship								
	2.982	3.183	3.63	3.405	3.405	3.405	3.062	2.682

NF Wiersma

Transect (model)	**1**	**2**	**3**	**4**	**5**	**6**	**7**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	3	3	3	3	3	3	3
Discharge	477	532	540	492	506	556	518
	999	931	1022	1023	1114	1146	1221
	2483	2754	2689	2694	2685	2472	2579
Stage	90.85	91.1	91.1	93.48	93.99	94.46	95.31
	91.54	91.76	91.8	94.18	94.8	95.1	95.94
	92.75	93.03	93.19	95.26	95.95	96.14	96.69
Plotting Stage	2.92	3.17	3.17	1.72	1.81	2.08	1.82
	3.61	3.83	3.87	2.42	2.62	2.72	2.45
	4.82	5.1	5.26	3.5	3.77	3.76	3.2
Ratio of Measured vs. Predicted Discharge							
	0.99	1.04	1	1.03	1.017	0.98	1
	1.03	0.94	1	0.94	0.97	1.03	1.01
	0.99	1.03	1	1.03	1.02	0.99	1
Mean Error of stage/discharge relationship for calculated Q							
	1.78	4.17	0.25	3.84	2.32	2.1	0.53
Mean Error of stage/discharge relationship for given Q							
	1.77	3.58	2.77	0.12	3.76	1.11	0.58
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF							
A=	0.444	0.5292	0.4354	0.1309	0.1182	0.1675	0.2019
B =	0.3046	0.287	0.3155	0.4175	0.4395	0.3975	0.3516
SZF =	87.93	87.93	87.93	91.76	92.18	92.38	93.49
Beta coefficient log/log discharge/stage relationship							
	3.28	3.49	3.17	2.4	2.28	2.52	2.85

NF Oso

Transect (model)	**1**	**2**	**3**	**4a**	**4b**	**4c**	**5a**	**5b**	**6**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	3	3	3	1	2	1	3	1	3
Discharge	365	390	526	435		435	335	382	369
	868	869	896	905	982	905	864	905	945
	1539	1476	1456	1550	1737	1550	1559	1550	1538
Stage	92.03	92.23	93.12	93.68		93.68	93.59	93.715	94.79
	92.61	92.91	93.06	94.5	94.66	94.5	94.32	94.55	95.51
	93.2	93.51	93.81	95.25	95.25	95.25	94.95	95.3	96.06
Plotting Stage	2.3	2.17	3.06	2.84		2.84	2.75	2.875	2.51
	2.61	2.85	3	3.66	3.82	3.66	3.48	3.71	3.23
	3.2	3.45	3.75	4.41	4.41	4.41	4.11	4.46	3.78
Ratio of Measured vs. Predicted Discharge									
	0.98	1	0.73	1.000		1.000	0.987	0.986	0.99
	1.05	1.01	1.33	1.000	1	1.000	1.031	1.033	1.04
	0.97	0.99	1.03	1.000	1	1.000	0.982	0.981	0.98
Mean Error of stage/discharge relationship for calculated Q									
	3.13	0.82	21.43	NA	0	NA	2.03	NA	2.68
Mean Error of stage/discharge relationship for given Q									
	1.54	0.74	3.02	0.01	0.01	0.01	2.16	2.16	0.7
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF									
A=	0.314	0.2719	0.4246		0.6749		0.6023		0.464
B =	0.3152	0.3478	0.3003		0.2516		0.2606		0.2849
SZF =	90	90.06	90.06		90.84		90.84		92.28
Beta coefficient log/log discharge/stage relationship									
	3.17	2.88	3.33	2.887	3.974	2.887	3.837	3.202	3.51

NF Hazel

Transect (model)	**1a**	**1b**	**2**	**3a**	**3b**	**4a**	**4b**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	2	1	3	3	1	1	1
Discharge	284	278	264	237	278	278	278
	843	870	846	824	870	870	870
		1000	990	892	1000	1000	1000
Stage	90.02	90.02	90.11	90.22	90.24	90.46	90.46
	90.52	90.605	91.13	91.37	91.51	91.65	91.65
		90.88	91.36	91.68	91.68	91.855	91.855
Plotting Stage	3.22	3.22	3.11	2.22	2.24	2.16	2.16
	3.72	3.805	4.13	3.37	3.51	3.35	3.35
		4.08	4.36	3.68	3.68	3.555	3.555
Ratio of Measured vs. Predicted Discharge							
	1	0.957	1	0.985	1.001	0.999	0.999
	1	1.162	1.03	1.092	0.991	1.007	1.007
		0.899	0.97	0.93	1.009	0.993	0.993
Mean Error of stage/discharge relationship for calculated Q							
	0	NA	2.11	5.86	NA	NA	NA
Mean Error of stage/discharge relationship for given Q							
	9.89	9.89	0.47	0.63	0.63	0.5	0.5
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF							
A=	0.1524		0.7637	0.3			
B =	0.1324		0.2516	0.3651			
SZF =	86.8	86.8	87	88	88	88.3	88.3
Beta coefficient log/log discharge/stage relationship							
	7.552	5.668	3.98	2.739	2.563	2.581	2.581

NF Blue Slough

Transect (model)	**1**	**2a**	**2b**	**3**	**4a**	**4b**	**5a**	**5b**	**6**	**7**	**8**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	3	1	1	3	3	1	1	1	3	3	3
Discharge	160	182	182	191	186	182	240	240	195	177	179
	447	442	442	442	455	442	442	442	427	460	445
	983	925	925	951	886	925	925	925	974	915	881
Stage	91.59	92.125	92.125	92.26	92.38	92.35	92.91	92.91	92.95	93	93.03
	92.36	92.55	92.55	92.87	92.95	92.965	93.31	93.31	93.61	93.69	93.73
	93.02	93.18	93.18	93.56	93.71	93.695	94	94	94.32	94.57	94.63
Plotting Stage	1.59	1.725	1.725	1.86	1.98	1.95	2.21	2.21	2.25	2.3	2.33
	2.36	2.15	2.15	2.47	2.55	2.565	2.61	2.61	2.91	2.99	3.03
	3.02	2.78	2.78	3.16	3.31	3.295	3.3	3.3	3.62	3.87	3.93
Ratio of Measured vs. Predicted Discharge											
	1.02	0.952	0.952	1.01	0.959	0.988	0.981	0.981	1.03	0.96	0.96
	0.94	1.095	1.095	0.99	1.086	1.025	1.034	1.034	0.94	1.09	1.08
	1.04	0.959	0.959	1.01	0.96	0.987	0.986	0.986	1.03	0.96	0.96
Mean Error of stage/discharge relationship for calculated Q											
	4.01	NA	NA	0.85	5.47	NA	NA	NA	3.84	5.6	4.81
Mean Error of stage/discharge relationship for given Q											
	0.86	6.01	6.01	0.51	1.67	1.67	2.23	2.23	0.3	2.51	1.82
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF											
A=	0.263			0.3292	0.3479				0.4746	0.4407	0.4194
B =	0.3562			0.3302	0.3299				0.2966	0.3167	0.3282
SZF =	90	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7
Beta coefficient log/log discharge/stage relationship											
	2.8	3.392	3.392	3	3.031	3.101	3.351	3.351	3.4	3.2	3.1

Mainstem

Transect (model)	**1**	**2**	**3**	**4**	**5**	**6**
WSL model	StQ	StQ	StQ	StQ	StQ	WSP
Velocities used	2	2	2	2	2	2
Discharge	1003	865	940	900	1008	965
	2222	1887	2329	2361	2273	2365
Stage	85.82	86.83	87.64	88.16	88.31	88.33
	87.09	87.47	88.57	89.22	89.3	89.41
Plotting Stage	14.12	5.13	2.94	3.16	3.31	3.33
	15.39	5.77	3.87	4.22	4.3	4.41
Ratio of Measured vs. Predicted Discharge						
	1	1	1	1	1	1
	1	1	1	1	1	1
Mean Error of stage/discharge relationship for calculated Q						
	0	0	0	0	0	0
Mean Error of stage/discharge relationship for given Q						
	0	0	0	0	0	0
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF						
A=	0.6677	0.1852	0.3694	0.4103	0.358	0.3867
B =	0.1084	0.1507	0.303	0.3	0.3216	0.3133
SZF =	71.7	81.7	84.7	85	85	85
Beta coefficient log/log discharge/stage relationship						
	9.228	6.637	3.3	3.332	3.109	3.192

Jim_4mi

Transect (model)	**1**	**2**	**3**	**4**	**5**	**6a**	**6b**	**7**
WSL model	WSP	WSP	WSP	StQ	StQ	StQ	StQ	StQ
Velocities used	3	2	2	3	2	1	1	3
Discharge	29	40		31	35	34	34	31
	48		42	43		46	46	47
	350	358	335	305	325	328	328	385
Stage	93.02	93.03		93.09	93.81	94.19	94.19	95.8
	93.23		93.23	93.24		94.33	94.33	95.97
	94	94.08	94.04	94.09	94.75	95.52	95.52	96.82
Plotting Stage	3.1	3.11		1.11	1.43	0.91	0.91	1.21
	3.31		2.68	1.26		1.05	1.05	1.38
	4.08	4.16	3.49	2.11	2.37	2.24	2.24	2.23
Ratio of Measured vs. Predicted Discharge								
	1.04	1		1.06	1	1.028	1.028	1.06
	0.95		1	0.93		0.967	0.967	0.93
	1.01	1	1	1.02	1	1.005	1.005	1.02
Mean Error of stage/discharge relationship for calculated Q								
	3.32	0	0	5.15	0	NA	NA	4.79
Mean Error of stage/discharge relationship for given Q								
	9.07	NA	NA	5.79	3.02	2.23	2.23	6.54
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF								
A=	0.21647	0.1908	0.1669	0.4373	0.6441			0.5421
B =	0.1084	0.1325	0.1268	0.2758	0.2253			0.2382
SZF =	89.92	89.92	90.55	91.98	92.38	93.28	93.28	94.59
Beta coefficient log/log discharge/stage relationship								
	9.222	7.545	7.885	3.63	4.439	2.542	2.542	4.2

Jim_Mouth

Transect (model)	**1a**	**1b**	**1c**	**2a**	**2b**	**3a**	**3b**	**4**	**5a**	**5b**	**6**
WSL model	StQ	StQ	StQ	StQ	StQ	WSP	WSP	WSP	WSP	WSP	StQ
Velocities used	2	2	1	2	2	3	1	3	1	2	3
Discharge	13		17	14		19	17	33			37
	78	78	71	76	76	74	71	72	69	69	66
		486	491		495	487	491	485		484	478
Stage	92.59		92.64	92.91		93.25	93.25	93.3			94.04
	93.24	93.24	93.16	93.47	93.47	93.98	93.96	94		94.1	94.42
		94.81	94.81		95.04	95.49	95.49	95.58		95.82	96.12
Plotting Stage	0.46		0.51	0.37		0.68	0.68	0.73			1.01
	1.11	1.11	1.03	0.93	0.93	1.41	1.39	1.42		1.53	1.39
		2.68	2.68		2.5	2.92	2.92	3.01		3.25	3.09
Ratio of Measured vs. Predicted Discharge											
	1		0.998	1		1.097	1.078	1.19			1.07
	1	1	1.003	1	1	0.831	0.86	0.72		1	0.92
		1	0.999		1	1.097	1.075	1.17		1	1.03
Mean Error of stage/discharge relationship for calculated Q											
	0	0		0	0	12.65		22.87		0	
Mean Error of stage/discharge relationship for given Q											
	0.2	0.2	0.2	2.61	2.61	10.01	10.01	NA	NA	NA	0.71
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF											
A=	0.1268	0.136		0.88	0.955	0.1854		0.1269		0.2962	0.2224
B =	0.4979	0.4817		0.5451	0.5261	0.4522		0.525		0.3875	0.4282
SZF =	92.13	92.13	92.13	92.54	92.54	92.57	92.57	92.57	92.57	92.57	93.03
Beta coefficient log/log discharge/stage relationship											
	2.008	2.076	2.027	1.835	1.9	2.211	2.31	1.91		2.581	2.34

Canyon Creek

Transect (model)	**1a**	**1b**	**1c**	**2**	**3a**	**3b**	**4a**	**4b**	**5a**	**5b**	**5c**
WSL model	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ	StQ
Velocities used	1	2	1	3	2	1	2	1	1	2	1
Discharge	114		114	128	130	114	114	114	95		95
	338	341	338	319	370	338	320	338	338	305	338
	756	704	756	727		453		453	453	413	453
Stage	94.325		94.325	94.51	94.67	94.62	94.79	94.795	94.78	95.88	94.78
	94.76	94.67	94.76	95.02	95.22	95.22	95.62	95.485	95.88	96.11	95.88
	95.235	95.09	95.235	95.69		95.46		95.735	96.2		96.2
Plotting Stage	1.725		1.725	1.71	1.87	1.82	1.99	2.695	1.88	2.98	1.88
	2.16	2.07	2.16	2.22	2.42	2.42	2.82	3.385	2.98	3.21	2.98
	2.635	2.49	2.635	2.89		2.66		3.635	3.3		3.3
Ratio of Measured vs. Predicted Discharge											
	0.975		0.975	0.98	1	0.992	1	0.995	1.001		1.001
	1.057	1	1.057	1.03	1	1.032	1	1.022	0.994	1	0.994
	0.971	1	0.971	0.98		0.977		0.984	1.005	1	1.005
Mean Error of stage/discharge relationship for calculated Q											
	NA	0	NA	2.2	0	NA	0	NA	NA	0	NA
Mean Error of stage/discharge relationship for given Q											
	3.64	3.64	3.64	2.66	2.08	2.08	0.38	0.38	0.38	0.38	0.38
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF											
A=		0.4685		0.3918	0.5632		0.4005			0.7299	
B =		0.2547		0.3026	0.2465		0.3384			0.2459	
SZF =	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
Beta coefficient log/log discharge/stage relationship											
	4.474	3.925	4.474	3.31	4.056	3.677	2.955	4.649	2.77	4.067	2.77

Jim Creek at Arlington - Fish Passage

Transect (model)		**1**
WSL model		StQ
Velocities used		1
Discharge		37
		194
		600
Stage		93.4
		94.27
		95.68
Plotting Stage		0.8
		1.67
		3.08
Ratio of Measured vs. Predicted Discharge		
		0.96
		1.095
		0.952
Mean Error of stage/discharge relationship for calculated Q		
		NA
Mean Error of stage/discharge relationship for given Q		
		5.96
Stage/discharge relationship (S vs. Q) S=A*Q**B+SZF		
	A=	
	B =	
	SZF =	92.6
Beta coefficient log/log discharge/stage relationship		
		2.073