

Upper South Fork Solomon	USF01 discharge (cfs)	gain/loss	USF02 discharge (cfs)	gain/loss	USF03 discharge (cfs)	gain/loss	USF04 discharge (cfs)	gain/loss	USF05 discharge (cfs)	gain/loss	USF06 discharge (cfs)	gain/loss	USF07 discharge (cfs)	gain/loss	USF08 discharge (cfs)	gain/loss	USF09 USGS (cfs)
Aug-01	0.02	Gain	0.23	Loss	0	Gain	0.12	Gain	3.52	Gain	7.11	Gain	13.3	Gain	18.99	Gain	24
Sep-01	0	Dry	0	Dry	0	Dry	0	Gain	0.46	Gain	0.53	Loss	0.09	Gain	0.22	Loss	0
Oct-01	0	Dry	0	Dry	0	Dry	0	Gain	3.1	Gain	7.53	Gain	8.4	Gain	8.56	Gain	11
Nov-01	0.02	Gain	0.11	Loss	0	Gain	0.35	Gain	3.99	Gain	7.38	Gain	10.83	Gain	13.22	Gain	15
Dec-01	0.02	Gain	0.1	Gain	0.8	Gain	1.11	Gain	5.43	Gain	8.92	Gain	17.33	Gain	18.05	Gain	20
Jan-02	0.02	Gain	0.2	Gain	0.8	Gain	1.96	Gain	6.18	Gain	10.52	Gain	21.77	Gain	22.8	Gain	27
Feb-02	0.09	Gain	0.25	Gain	0.9	Gain	2.11	Gain	6.74	Gain	11.67	Gain	21.75	Gain	24.75	Gain	30
Mar-02	0.15	Gain	0.3	Gain	1	Gain	2.25	Gain	7.29	Gain	12.82	Gain	21.72	Gain	26.69	Gain	28
Apr-02	0.02	Gain	0.3	Gain	1	Gain	1.9	Gain	7.08	Gain	11.86	Gain	19.26	Gain	22.6	Gain	23
May-02	0.02	Gain	0.15	Gain	0.2	Gain	0.54	Gain	3.44	Gain	5.12	Gain	7.23	Gain	10.18	Gain	11
Jun-02	0	Dry	0	Dry	0	Dry	0	Gain	1.82	Loss	1.79	Loss	0.53	Gain	1.20	Loss	0.51
Jul-02	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Aug-02	0	Dry	0	Dry	0	Dry	0	Gain	2.73	Loss	0	Dry	0	Dry	0	Dry	0
Sep-02	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Oct-02	0	Dry	0	Dry	0	Dry	0	Gain	0.3	Loss	0	Dry	0	Dry	0	Dry	0
Nov-02	0	Dry	0	Dry	0	Dry	0	Gain	1.41	Loss	0.43	Loss	0	Dry	0	Dry	0
Dec-02	0	Dry	0	Dry	0	Dry	0	Gain	1.5	Gain	1.52	Loss	1.01	Loss	0	Gain	0.6
Jan-03	0.05	Gain	0.39	Loss	0	Dry	0	Gain	3.64	Gain	5.82	Loss	2.83	Loss	0.29	Gain	10
Mar-03	0.05	Gain	0.39	Gain	0.64	Loss	0	Gain	4.02	Gain	6.96	Gain	10.68	Loss	10.59	Gain	12.58
Apr-03	0.1	Gain	0.43	Gain	0.46	Gain	0.5	Gain	3.99	Gain	6.75	Gain	10.5	Gain	11.2	Loss	11
May-03	0.1	Gain	0.44	Gain	0.5	Gain	0.56	Gain	4.07	Gain	6.21	Gain	8.7	Gain	10.03	Gain	11
Jun-03	0	Gain	0.1	Loss	0	Dry	0	Gain	2.21	Gain	3.5	Loss	1.33	Gain	2.56	Gain	4.8
Jul-03	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Aug-03	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Sep-03	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Oct-03	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Nov-03	0	Dry	0	Dry	0	Dry	0	Gain	0.48	Loss	0	Dry	0	Dry	0	Dry	0
Dec-03	0	Dry	0	Dry	0	Dry	0	Gain	0.5	Loss	0.45	Loss	0	Dry	0	Dry	0
Jan-04	0	Dry	0	Dry	0	Dry	0		ice		ice		0	Dry	0	Gain	0.08
Feb-04	0	Dry	0	Dry	0	Dry	0		ice		ice		ice		0	Gain	0.4
Mar-04	0	Gain	0.26	Loss	0	Dry	0	Gain	2.61	Gain	4.96	Loss	1.89	Loss	0	Gain	0.91
Apr-04	0	Gain	0.2	Loss	0	Dry	0	Gain	2.28	Gain	3.23	Loss	2.21	Loss	0	Gain	0.02
May-04	0	Gain	0.1	Loss	0	Dry	0	Gain	2.06	Loss	1.05	Loss	0.6	Loss	0	Dry	0
Jun-04	0	Dry	0	Dry	0	Dry	0	Gain	0.87	Loss	0	Dry	0	Dry	0	Dry	0
Jul-04	0	Dry	0	Dry	0	Dry	0	Gain	0.25	Loss	0	Gain	1.72	Loss	0.11	Loss	0
Aug-04	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Gain	0.22	Loss	0	Dry	0
Sep-04	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Nov-04	0	Dry	0	Dry	0	Dry	0	Gain	0.44	Loss	0.1	Gain	0.1	Loss	0	Dry	0

Dec-04									ice		ice		ice		ice		ice
Feb-05	0	Gain	0.1	Loss	0	Dry	0	Gain	2.95	Gain	6.42	Loss	4.13	Loss	3.7	Loss	1.8
Apr-05	0.14	Gain	0.82	Gain	1.23	Gain	1.94	Gain	6.45	Gain	9.84	Gain	15.15	Gain	18.36	Gain	19
May-05	0	Gain	0.14	Loss	0	Gain	0.12	Gain	2.33	Gain	3.08	Gain	4.41	Gain	5.73	Gain	5.9
Jun-05	0	Dry	0	Dry	0	Dry	0	Gain	1.85	Gain	3.02	Loss	2.50	Gain	2.57	Gain	2.8
Aug-05	0	Dry	0	Dry	0	Dry	0	Gain	1.49	Loss	1.35	Loss	0.03	Loss	0	Dry	0
Sep-05	0	Dry	0	Dry	0	Dry	0	Gain	0.26	Loss	0.1	Loss	0	Dry	0	Dry	0
Oct-05	0	Dry	0	Dry	0	Dry	0	Gain	1.5	Loss	0.54	Loss	0	Dry	0	Dry	0
Nov-05	0	Dry	0	Dry	0	Dry	0	Gain	2.24	Gain	2.57	Loss	0.1	Loss	0	Gain	0.41
Feb-06	0	Gain	0.28	Loss	0	Dry	0	Gain	3.89	Gain	5.51	Loss	5.5	Loss	4.45	Loss	3.1
Apr-06	0	Gain	0.31	Loss	0	Gain	0.16	Gain	3.27	Gain	6.29	Gain	8.69	Gain	9.94	Gain	11
Jul-06	0	Dry	0	Dry	0	Dry	0	Dry	0	Gain	0.1	Loss	0	Dry	0	Dry	0
Oct-06	0	Dry	0	Dry	0	Dry	0	Gain	0.22	Gain	1.25	Loss	0.95	Loss	0	Dry	0
Nov-06	0	Dry	0	Dry	0	Dry	0	Gain	0.89	Gain	1.13	Gain	1.91	Loss	0.12	Gain	1.1
Mar-07	0	Gain	0.39	Gain	0.4	Loss	0.1	Gain	3.67	Gain	6.77	Gain	18.06	Loss	17.13	Gain	37
Apr-07	0.1	Gain	0.2	Gain	0.2	Gain	0.48	Gain	3.06	Gain	6.29	Gain	11.36	Gain	16.62	Gain	37
Jul-07	0	Dry	0	Dry	0	Dry	0	Gain	0.58	Gain	0.8	Loss	0.45	Gain	1.5	Gain	2.4
Sep-07	0	Dry	0	Dry	0	Dry	0	Gain	0.5	Gain	0.5	Loss	0.1	Loss	0	Dry	0
Oct-07	0	Dry	0	Dry	0	Dry	0	Gain	1.29	Loss	0.77	Loss	0.43	Gain	0.43	Gain	0.9
Nov-07	0	Dry	0	Dry	0	Dry	0	Gain	9.88	Loss	2.36	Loss	2.13	Gain	3.09	Loss	1.5
Mar-08	0	Gain	0.56	Loss	0	Dry	0	Gain	3.64	Gain	6.43	Gain	10.7	Gain	12.40	Gain	14
Apr-08	0	Gain	0.75	Loss	0	Dry	0	Gain	3.3	Gain	6.03	Gain	12.6	Gain	16	Gain	23
May-08	0	Dry	0	Dry	0	Dry	0	Gain	2.25	Gain	3.1	Gain	5.76	Gain	8.25	Gain	9.5
Jun-08	0	Gain	0.73	Loss	0	Gain	1.07	Gain	5.96	Gain	11.3	Gain	16.8	Gain	26.3	Gain	37
Jul-08	0	Dry	0	Dry	0	Dry	0	Gain	1.6	Loss	0.93	Gain	1.96	Gain	5.36		
Aug-08	0	Dry	0	Dry	0	Dry	0	Gain	1.2	Gain	1.98	Gain	7.02	Gain	21.3	Gain	29
Sep-08	0	Dry	0	Dry	0	Dry	0	Gain	1.15	Loss	0.68	Gain	3.12	Gain	11.6	Gain	19
Nov-08	0	Gain	0.73	Loss	0	Dry	0	Gain	2.91	Gain	6.99	Gain	17.9	Gain	37.9	Gain	71
Apr-09	0	Gain	0.77	Gain	0.86	Gain	1.64	Gain	4	Gain	8.55	Gain	18.4	Gain	26.6	Gain	43
Jul-09	0	Gain	0.23	Loss	0	Gain	0.83	Gain	4.54	Gain	7.6	Gain	18.4	Gain	35.6	Gain	53
	Gain	42.6%		19.1%			25%		82.4%		58.8%		45.6%		47.1%		54.4%
	Dry	55.9%		55.9%			70.6%		13.2%		11.8%		16.2%		25%		32.4%
	Loss	0%		23.5%			2.9%		0%		25%		33.8%		25%		10.3%
	UTM	1.5%		1.5%			1.5%		4.4%		4.4%		4.4%		2.9%		2.9%

Upper North Fork Solomon	UNF01 discharge (cfs)	gain/loss	UNF02 discharge (cfs)	gain/loss	UNF03 discharge (cfs)	gain/loss	UNF04 discharge (cfs)	gain/loss	UNF05 discharge (cfs)	gain/loss	UNF06 USGS discharge (cfs)
Aug-01	0	Gain	0.58	Loss	0.3	Gain	1.48	Loss	1.21	Gain	2.4
Sep-01	0	Gain	0.38	Loss	0	Gain	0.56	Loss	0.08	Gain	0.7
Oct-01	0.25	Gain	1.35	Gain	1.77	Gain	2.36	Gain	2.95	Gain	3.6
Nov-01	0.52	Gain	1.79	Gain	3.40	Gain	5.59	Gain	7.02	Gain	7.3
Dec-01	0.75	Gain	2.28	Gain	5.54	Gain	8.11	Gain	11.1	Loss	9.6
Jan-02	0.93	Gain	2.87	Gain	6	Gain	6.1	Gain	16.08	Gain	25
Feb-02	0.77	Gain	3.03	Gain	6.47	Gain	9.26	Gain	18.31	Loss	14
Mar-02	0.60	Gain	3.19	Gain	6.94	Gain	12.42	Gain	20.54	Gain	20
Apr-02	0.60	Gain	2.84	Gain	6.62	Gain	10.65	Gain	11.38	Gain	12
May-02	0.68	Gain	1.99	Gain	4.10	Gain	6.92	Gain	9.58	Loss	6.0
Jun-02	0.10	Gain	0.51	Loss	0.18	Gain	0.65	Loss	0.1	Loss	0
Jul-02	0	Gain	0.25	Loss	0	Dry	0	Dry	0	Dry	0
Aug-02	0	Dry	0.03	Dry	0	Dry	0	Dry	0	Dry	0
Sep-02	0	Dry	0	Dry	0	Dry	0	Dry	0	Dry	0
Oct-02	0	Gain	0.2	Gain	0.15	Loss	0.1	Loss	0	Dry	0
Nov-02	0	Gain	0.66	Loss	0	Gain	0.43	Loss	0	Dry	0
Dec-02	0.10	Gain	0.75	Loss	0.5	Gain	0.76	Loss	0.10	Loss	0
Jan-03	0.10	Gain	1.23		ice		1.71		ice		0
Mar-03	0	Gain	1.26	Gain	3.56	Gain	6.33	Gain	9.46	Loss	7.2
Apr-03	0.20	Gain	1.75	Gain	3.5	Gain	5.6	Gain	6.15	Gain	8.6
May-03	0.15	Gain	1.49	Gain	3.3	Gain	5.8	Gain	7.68	Loss	6.5
Jun-03	0	Gain	0.97	Gain	1.86	Gain	4.03	Loss	2.21	Gain	2.8
Jul-03	0	Gain	0.38	Loss	0	Gain	0.1	Loss	0	Dry	0
Aug-03	0	Gain	0.25	Loss	0	Dry	0	Dry	0	Dry	0
Sep-03	0	Gain	0.06	Loss	0	Dry	0	Dry	0	Dry	0
Oct-03	0	Dry	0.04	Dry	0	Dry	0	Dry	0	Dry	0
Nov-03	0	Dry	0.04	Dry	0	Gain	0.11	Loss	0	Dry	0
Dec-03	0	Dry	0.04	Dry	0	Gain	0.11	Loss	0	Dry	0
Jan-04	0		ice		0	Dry	0	Dry	0	Dry	0
Feb-04	0		ice		0	Dry	0	Dry	0	Dry	0
Mar-04	0	Gain	1.18	Gain	3.29	Loss	2.87	Gain	3.18	Loss	0
Apr-04	0	Gain	1.1	Gain	2.65	Loss	2.6	Gain	3.17	Loss	0
May-04	0.20	Gain	1	Gain	1.11	Loss	0.74	Loss	0.51	Loss	0
Jun-04	0.10	Gain	0.39	Loss	0	Dry	0	Dry	0	Dry	0
Jul-04	0	Gain	0.52	Loss	0	Dry	0	Dry	0	Dry	0
Aug-04	0	Gain	0.21	Loss	0	Dry	0	Dry	0	Dry	0

Sep-04	0	Gain	0.1	Loss	0	Dry	0	Dry	0	Dry	0
Nov-04	0.10	Gain	0.46	Loss	0	Dry	0	Dry	0	Dry	0
Dec-04	ice		ice		ice		ice		ice		0
Feb-05	0.10	Gain	0.96	Gain	2.53	Loss	2.03	Loss	1.78	Loss	0
Apr-05	0.48	Gain	1.18	Gain	3.68	Gain	6.27	Gain	9.38	Gain	6.4
May-05	0.23	Gain	0.67	Gain	2.28	Gain	5.15	Gain	6.14	Loss	1.1
Jun-05	0.11	Gain	0.6	Gain	0.52	Gain	2.53	Gain	4.87	Loss	2.4
Aug-05	0	Gain	0.2	Loss	0	Gain	0.11	Loss	0	Dry	0
Sep-05	0	Gain	0.1	Loss	0	Gain	0.52	Loss	0.1	Loss	0
Oct-05	0	Gain	0.28	Loss	0	Gain	0.72	Loss	0	Dry	0
Nov-05	0.10	Gain	0.49	Loss	0	Gain	1.14	Gain	1.58	Loss	0
Feb-06	0.25	Gain	0.84	Gain	2.28	Gain	3.88	Gain	4.56	Gain	5.9
Apr-06	0.36	Gain	1.21	Gain	3.14	Gain	6.48	Gain	7.5	Gain	12
Jul-06	0.25	Gain	0.35	Loss	0	Gain	0.20	Loss	0	Dry	0
Oct-06	0.10	Gain	0.19	Loss	0	Dry	0	Dry	0	Dry	0
Nov-06	0.10	Gain	0.52	Loss	0	Gain	0.47	Loss	0	Dry	0
Mar-07	0.15	Gain	1.61	Gain	3.78	Gain	7.16	Gain	12.22	Gain	31
Apr-07	0.30	Gain	1.22	Gain	3.13	Gain	6.23	Gain	8.38	Gain	21
Jul-07	0	Gain	0.38	Loss	0.2	Loss	0.15	Gain	0.15	Gain	0.15
Sep-07	0	Gain	0.1	Loss	0	Gain	0.5	Loss	0	Dry	0
Oct-07	0	Gain	0.48	Loss	0	Dry	0	Dry	0	Dry	0
Nov-07	0	Gain	0.49	Loss	0	Gain	0.4	Loss	0	Dry	0
Mar-08	0	Gain	2	Gain	5.9				6.44	Loss	6.2
Apr-08	1.22	Gain	1.6	Gain	4.16	Gain	4.71	Gain	7.33	Gain	9.5
May-08	0	Gain	1.73	Gain	2.19	Gain	7.7	Loss	4.96	Gain	6.7
Jun-08	0	Gain	3.23	Gain	7.03	Gain	15.1	Gain	20.2	Gain	33
Jul-08	0.04	Gain	0.8	Gain	2.64	Gain	7.1	Gain	7.79	Gain	11
Aug-08	0.12	Gain	0.57	Gain	4.8	Gain	7.66	Gain	9.1	Gain	17
Sep-08	0.46	Gain	3.72	Gain	11.6	Gain	15.8	Gain	18.8	Gain	20
Oct-08	0	Gain	3.6	Gain	8.34	Gain	15.76	Gain	21.4	Gain	60
Nov-08	2.10	Gain	2.9	Gain	6.65	Gain	14.6	Gain	18.8	Gain	55
Dec-08	1.27	Gain	2.37	Gain	6.4	Gain	15.2	Gain	17	Gain	47
Apr-09	2.40	Gain	4.4	Gain	6.87	Gain	13.6	Gain	15.2	Gain	29
Jul-09	0	Gain	1.65	Gain	3.5	Gain	11	Loss	10	Gain	30
	Gain	88.6%		51.4%		65.7%		44.3%		37.1%	
	Dry	7.1%		7.1%		21.4%		21.4%		37.1%	
	Loss	0%		35.7%		8.6%		30%		22.9%	
	UTM	4.3%		5.7%		4.3%		4.3%		2.9%	