Table 2. Event-wise suspended sediment yield (SSY_{EV}) from subwatersheds in Faga'alu for events with simultaneous data from FG1 and FG3. Storm numbers correspond with the storms presented in Appendix C Table 1.

	Storm	Precip	SSY_{EV} tons			% of SSY_{EV_TOTAL}		PE[a]		SSC	
Storm#	Start	mm	Upper[b]	Lower[c]	Total[d]	Upper	Lower	Upper	Total	Data Source Upper	Data Source Total
2	01/19/2012	18	0.06	0.63	0.69	8.0	91.0	56	36	T-TS	int. grab
4	01/31/2012	35	0.03	1.92	1.95	1.0	98.0	56	118	T-TS	T-YSI
5	02/01/2012	11	0.01	0.4	0.42	3.0	96.0	56	118	T-TS	T-YSI
6	02/02/2012	16	0.06	1.02	1.08	5.0	94.0	56	118	T-TS	T-YSI
7	02/03/2012	11	0.08	2.01	2.09	3.0	96.0	56	118	T-TS	T-YSI
8	02/04/2012	6	0.0	0.51	0.51	0.0	99.0	56	118	T-TS	T-YSI
9	02/05/2012	23	0.05	0.98	1.03	5.0	94.0	56	118	T-TS	T-YSI
10	02/05/2012	21	0.09	1.93	2.02	4.0	95.0	56	118	T-TS	T-YSI
11	02/06/2012	38	0.28	4.75	5.03	5.0	94.0	56	118	T-TS	T-YSI
12	02/07/2012	4	0.01	0.13	0.15	9.0	90.0	56	118	T-TS	T-YSI
13	02/07/2012	10	0.03	0.51	0.54	5.0	94.0	56	118	T-TS	T-YSI
14	02/13/2012	11	0.0	0.27	0.27	1.0	98.0	56	118	T-TS	T-YSI
16	03/05/2012	22	0.0	4.39	4.4	0.0	99.0	56	118	T-TS	T-YSI
17	03/06/2012	56	0.19	9.05	9.25	2.0	97.0	56	118	T-TS	T-YSI
18	03/08/2012	22	0.09	2.89	2.98	2.0	97.0	56	118	T-TS	T-YSI
19	03/09/2012	19	0.2	2.78	2.97	6.0	93.0	56	118	T-TS	T-YSI
20	03/15/2012	17	0.01	1.17	1.18	0.0	99.0	56	118	T-TS	T-YSI
21	03/16/2012	34	0.08	2.12	2.2	3.0	96.0	56	118	T-TS	T-YSI
22	03/17/2012	32	0.09	3.33	3.43	2.0	97.0	56	118	T-TS	T-YSI
23	03/20/2012	24	0.04	0.84	0.88	4.0	95.0	56	118	T-TS	T-YSI
24	03/21/2012	18	0.2	2.06	2.26	8.0	91.0	56	118	T-TS	T-YSI
25	03/22/2012	34	0.37	5.75	6.12	5.0	94.0	56	118	T-TS	T-YSI
27	03/24/2012	7	0.03	0.19	0.22	12.0	87.0	56	118	T-TS	T-YSI
28	03/25/2012	49	0.7	11.92	12.62	5.0	94.0	56	118	T-TS	T-YSI
29	03/31/2012	15	0.03	0.78	0.81	3.0	96.0	56	118	T-TS	T-YSI
32	05/07/2012	11	0.0	1.31	1.31	0.0	99.0	56	118	T-TS	T-YSI
33	05/08/2012	21	0.13	6.65	6.79	1.0	98.0	56	118	T-TS	T-YSI
34	05/20/2012	13	0.0	0.47	0.48	0.0	99.0	56	118	T-TS	T-YSI
64	04/16/2013	62	0.54	4.01	4.55	11.0	88.0	40	36	int. grab	int. grab
70	04/23/2013	86	9.57	13.51	23.08	41.0	58.0	40	36	int. grab	int. grab
79	06/24/2013	9	0.01	0.13	0.14	7.0	92.0	43	77	T-YSI	T-OBS
80	07/02/2013	13	0.02	0.28	0.3	5.0	94.0	43	77	T-YSI	T-OBS
106	02/14/2014	25	0.26	1.57	1.82	14.0	85.0	43	51	T-YSI	T-OBS
107	02/15/2014	7	0.04	0.63	0.67	6.0	93.0	43	51	T-YSI	T-OBS
109	02/18/2014	12	0.01	0.81	0.81	0.0	99.0	43	51	T-YSI	T-OBS
110	02/20/2014	29	0.13	3.71	3.84	3.0	96.0	43	51	T-YSI	T-OBS
111	02/21/2014	51	2.55	7.03	9.58	26.0	73.0	43	51	T-YSI	T-OBS
112	02/24/2014	16	0.09	0.56	0.65	13.0	86.0	43	51	T-YSI	T-OBS
113	02/24/2014	1	0.01	0.12	0.13	9.0	90.0	43	51	T-YSI	T-OBS
114	02/25/2014	67	0.62	7.17	7.79	7.0	92.0	43	51	T-YSI	T-OBS
115	02/27/2014	16	0.13	0.68	0.8	15.0	84.0	43	51	T-YSI	T-OBS
116	02/27/2014	12	0.12	1.25	1.37	8.0	91.0	43	51	T-YSI	T-OBS
Total/Avg	42	1004	17.0	112.2	129.2	13	87	52	94	-	-
Tons/km2	-	-	18.8	127.5	72.6	-	-	-	-	-	-
DR	-	-	1	6.8	3.9	-	-	-	-	-	-

a. PE is cumulative probable error (Eq 4) as a percentage of the mean observed SSY_{EV}.

b. Measured SSY_{EV} at FG1.

c. SSY_{EV} at FG3 - SSY_{EV} at FG1.

d. Measured SSY_{EV} at FG3.