

Table 4. Event-wise suspended sediment yield (SSY_{EV}) from subwatersheds in Faga'alu for events with simultaneous data from FG1, FG2, and FG3. Storm numbers correspond with the storms presented in Table 2 and Appendix C Table 1.

Storm#	Storm	Precip	SSY _{EV} tons					% of SSY _{EV} _TOTAL			
	Start	mm	Upper ^a	Lower_Quarry ^b	Lower_Village ^c	Lower ^d	Total ^e	Upper	Lower_Quarry	Lower_Village	Lower
2	01/19/2012	18	0.06	0.3	0.33	0.63	0.69	8.0	43.0	47.0	91.0
64	04/16/2013	62	0.54	2.77	1.24	4.01	4.55	11.0	60.0	27.0	88.0
70	04/23/2013	86	9.57	8.21	5.3	13.51	23.08	41.0	35.0	22.0	58.0
106	02/14/2014	25	0.26	1.01	0.55	1.57	1.82	14.0	55.0	30.0	86.0
110	02/20/2014	29	0.13	1.6	2.11	3.71	3.84	3.0	41.0	54.0	96.0
111	02/21/2014	51	2.55	2.07	4.96	7.03	9.58	26.0	21.0	51.0	73.0
115	02/27/2014	16	0.13	0.08	0.59	0.68	0.8	16.0	9.0	73.0	85.0
116	02/27/2014	12	0.12	0.32	0.93	1.25	1.37	8.0	23.0	67.0	91.0
Total/Avg	8	299	13.4	16.4	16.0	32.4	45.7	29	36	35	71
Tons/km2			14.8	60.6	26.7	36.8	25.7	-	-	-	-
DR			1.0	4.08	1.8	2.5	1.7	-	-	-	-

- a. Measured SSY_{EV} at FG1.
- b. SSY_{EV} at FG2 - SSY_{EV} at FG1.
- c. SSY_{EV} at FG3 - SSY_{EV} at FG2.
- d. SSY_{EV} at FG3 - SSY_{EV} at FG1.
- e. Measured SSY_{EV} at FG3.