

Table A3.1. Water discharge from subwatersheds in Faga'alu. Includes all storm events for 2012, 2013, and 2014.

Storm#	Storm Start	Precip mm	Discharge m ³			Percentage	
			UPPER	LOWER	TOTAL	UPPER	LOWER
Deployment start 1/6/2012							
1	01/18/2012	70.0	10765.0	12319.0	23084.0	46.0	53.0
2	01/19/2012	18.0	8117.0	11055.0	19172.0	42.0	57.0
3	01/25/2012	79.0	17887.0	17125.0	35012.0	51.0	48.0
4	01/31/2012	35.0	6467.0	7868.0	14335.0	45.0	54.0
5	02/01/2012	11.0	4071.0	5767.0	9838.0	41.0	58.0
6	02/02/2012	16.0	9224.0	14750.0	23974.0	38.0	61.0
7	02/03/2012	11.0	12729.0	18682.0	31411.0	40.0	59.0
8	02/04/2012	6.0	1359.0	2765.0	4124.0	32.0	67.0
9	02/05/2012	23.0	8374.0	12716.0	21090.0	39.0	60.0
10	02/05/2012	21.0	9603.0	16471.0	26074.0	36.0	63.0
11	02/06/2012	38.0	20080.0	25795.0	45875.0	43.0	56.0
12	02/07/2012	4.0	2643.0	2970.0	5613.0	47.0	52.0
13	02/07/2012	10.0	5178.0	6536.0	11714.0	44.0	55.0
14	02/13/2012	11.0	1186.0	1548.0	2734.0	43.0	56.0
15	02/23/2012	17.0	11491.0	15655.0	27146.0	42.0	57.0
16	03/05/2012	22.0	1449.0	4629.0	6078.0	23.0	76.0
17	03/06/2012	56.0	13131.0	17173.0	30304.0	43.0	56.0
18	03/08/2012	22.0	6904.0	4946.0	11850.0	58.0	41.0
19	03/09/2012	19.0	12850.0	10482.0	23332.0	55.0	44.0
20	03/15/2012	17.0	2138.0	3305.0	5443.0	39.0	60.0
21	03/16/2012	34.0	8794.0	10815.0	19609.0	44.0	55.0
22	03/17/2012	32.0	9756.0	12562.0	22318.0	43.0	56.0
23	03/20/2012	24.0	3621.0	3782.0	7403.0	48.0	51.0
24	03/21/2012	18.0	13828.0	14072.0	27900.0	49.0	50.0
25	03/22/2012	34.0	14265.0	19236.0	33501.0	42.0	57.0
26	03/23/2012	16.0	5544.0	5833.0	11377.0	48.0	51.0
27	03/24/2012	7.0	5264.0	3865.0	9129.0	57.0	42.0
28	03/25/2012	49.0	31904.0	30062.0	61966.0	51.0	48.0
29	03/31/2012	15.0	2106.0	2468.0	4574.0	46.0	53.0
30	04/03/2012	9.0	1184.0	1237.0	2421.0	48.0	51.0
31	05/02/2012	30.0	2880.0	4833.0	7713.0	37.0	62.0
32	05/07/2012	11.0	1327.0	1890.0	3217.0	41.0	58.0
33	05/08/2012	21.0	6129.0	6038.0	12167.0	50.0	49.0
34	05/20/2012	13.0	1025.0	1306.0	2331.0	43.0	56.0
35	05/22/2012	52.0	15584.0	14239.0	29823.0	52.0	47.0
36	05/23/2012	86.0	104576.0	18743.0	123319.0	84.0	15.0
37	05/24/2012	34.0	41794.0	19271.0	61065.0	68.0	31.0
38	05/25/2012	5.0	1255.0	999.0	2254.0	55.0	44.0
39	05/26/2012	37.0	38685.0	27294.0	65979.0	58.0	41.0
40	06/02/2012	20.0	4486.0	4717.0	9203.0	48.0	51.0

41	06/03/2012	22.0	13122.0	8781.0	21903.0	59.0	40.0
42	06/04/2012	38.0	32150.0	25378.0	57528.0	55.0	44.0
43	06/05/2012	8.0	12702.0	10050.0	22752.0	55.0	44.0
44	06/06/2012	8.0	5433.0	3525.0	8958.0	60.0	39.0
45	06/07/2012	7.0	13217.0	8988.0	22205.0	59.0	40.0
46	07/08/2012	34.0	5660.0	5623.0	11283.0	50.0	49.0
47	07/08/2012	12.0	4528.0	6015.0	10543.0	42.0	57.0
48	07/26/2012	31.0	4796.0	6411.0	11207.0	42.0	57.0
49	07/27/2012	13.0	5516.0	6385.0	11901.0	46.0	53.0
50	08/07/2012	13.0	882.0	1571.0	2453.0	35.0	64.0
51	08/08/2012	44.0	17172.0	9804.0	26976.0	63.0	36.0

Deployment end 8/11/2012

Deployment start 2/10/13

52	02/27/2013	4.0	756.0	1452.0	2208.0	34.0	65.0
53	03/03/2013	19.0	792.0	2509.0	3301.0	23.0	76.0
54	03/05/2013	11.0	541.0	1777.0	2318.0	23.0	76.0
55	03/05/2013	33.0	4994.0	16176.0	21170.0	23.0	76.0
56	03/06/2013	22.0	10726.0	26751.0	37477.0	28.0	71.0
57	03/07/2013	5.0	775.0	1819.0	2594.0	29.0	70.0
58	03/10/2013	6.0	680.0	2571.0	3251.0	20.0	79.0
59	03/11/2013	43.0	19107.0	40420.0	59527.0	32.0	67.0
60	03/21/2013	17.0	2580.0	5269.0	7849.0	32.0	67.0
61	03/23/2013	17.0	2151.0	7704.0	9855.0	21.0	78.0
62	03/26/2013	9.0	545.0	1474.0	2019.0	26.0	73.0
63	04/11/2013	8.0	369.0	1297.0	1666.0	22.0	77.0
64	04/16/2013	62.0	10340.0	28165.0	38505.0	26.0	73.0
65	04/17/2013	42.0	17144.0	42894.0	60038.0	28.0	71.0
66	04/18/2013	3.0	1767.0	4655.0	6422.0	27.0	72.0
67	04/18/2013	2.0	846.0	2178.0	3024.0	27.0	72.0
68	04/18/2013	9.0	1621.0	5532.0	7153.0	22.0	77.0
69	04/20/2013	27.0	6704.0	27501.0	34205.0	19.0	80.0
70	04/23/2013	86.0	63144.0	33894.0	97038.0	65.0	34.0
71	04/28/2013	14.0	5893.0	7407.0	13300.0	44.0	55.0
72	04/28/2013	2.0	10542.0	13364.0	23906.0	44.0	55.0
73	04/30/2013	111.0	82708.0	39233.0	121941.0	67.0	32.0
74	05/11/2013	19.0	3789.0	5916.0	9705.0	39.0	60.0
75	05/30/2013	10.0	1247.0	1772.0	3019.0	41.0	58.0
76	06/05/2013	177.0	138613.0	27276.0	165889.0	83.0	16.0
77	06/09/2013	1.0	1785.0	1950.0	3735.0	47.0	52.0
78	06/16/2013	30.0	11314.0	6350.0	17664.0	64.0	35.0
79	06/24/2013	9.0	4587.0	2955.0	7542.0	60.0	39.0
80	07/02/2013	13.0	3320.0	2578.0	5898.0	56.0	43.0
81	07/13/2013	24.0	5520.0	6316.0	11836.0	46.0	53.0
82	07/15/2013	9.0	2663.0	1162.0	3825.0	69.0	30.0
83	07/16/2013	17.0	5815.0	4509.0	10324.0	56.0	43.0
84	07/17/2013	26.0	14544.0	25462.0	40006.0	36.0	63.0

85	07/19/2013	34.0	13957.0	28596.0	42553.0	32.0	67.0
86	07/20/2013	26.0	16092.0	34908.0	51000.0	31.0	68.0
87	07/24/2013	13.0	2243.0	1888.0	4131.0	54.0	45.0
88	07/27/2013	22.0	5886.0	4163.0	10049.0	58.0	41.0
89	08/03/2013	20.0	3645.0	3731.0	7376.0	49.0	50.0
90	08/05/2013	19.0	12492.0	10070.0	22562.0	55.0	44.0
91	08/09/2013	81.0	26772.0	63930.0	90702.0	29.0	70.0
92	08/15/2013	28.0	3752.0	7636.0	11388.0	32.0	67.0
93	08/16/2013	102.0	60145.0	47130.0	107275.0	56.0	43.0
94	08/17/2013	0.0	1255.0	2297.0	3552.0	35.0	64.0
95	08/17/2013	85.0	47275.0	73771.0	121046.0	39.0	60.0
96	08/18/2013	5.0	1521.0	3582.0	5103.0	29.0	70.0
97	08/19/2013	36.0	13038.0	24494.0	37532.0	34.0	65.0
98	08/21/2013	12.0	1980.0	3709.0	5689.0	34.0	65.0
99	08/26/2013	29.0	2963.0	5490.0	8453.0	35.0	64.0
100	09/01/2013	41.0	9592.0	15806.0	25398.0	37.0	62.0
101	09/01/2013	3.0	3390.0	5620.0	9010.0	37.0	62.0
102	09/07/2013	23.0	4392.0	4692.0	9084.0	48.0	51.0
103	09/08/2013	8.0	4093.0	4949.0	9042.0	45.0	54.0
104	09/18/2013	16.0	3541.0	4793.0	8334.0	42.0	57.0
105	09/21/2013	14.0	2970.0	3809.0	6779.0	43.0	56.0

Deployment end 9/28/2013

Deployment start 2/10/14

106	02/14/2014	25.0	11129.0	10822.0	21951.0	50.0	49.0
107	02/15/2014	7.0	4178.0	5397.0	9575.0	43.0	56.0
108	02/16/2014	0.0	1800.0	3838.0	5638.0	31.0	68.0
109	02/18/2014	12.0	2064.0	7026.0	9090.0	22.0	77.0
110	02/20/2014	29.0	7151.0	23927.0	31078.0	23.0	76.0
111	02/21/2014	51.0	19822.0	41477.0	61299.0	32.0	67.0
112	02/24/2014	16.0	3512.0	4329.0	7841.0	44.0	55.0
113	02/24/2014	1.0	2437.0	2558.0	4995.0	48.0	51.0
114	02/25/2014	67.0	23172.0	53565.0	76737.0	30.0	69.0
115	02/27/2014	16.0	9496.0	10192.0	19688.0	48.0	51.0
116	02/27/2014	12.0	11970.0	16225.0	28195.0	42.0	57.0
117	03/03/2014	0.0	1435.0	1441.0	2876.0	49.0	50.0
118	03/06/2014	3.0	2988.0	1869.0	4857.0	61.0	38.0
119	03/06/2014	41.0	17760.0	23829.0	41589.0	42.0	57.0
120	03/13/2014	45.0	9943.0	13565.0	23508.0	42.0	57.0
121	03/14/2014	11.0	13503.0	19938.0	33441.0	40.0	59.0
122	03/14/2014	12.0	2813.0	5276.0	8089.0	34.0	65.0
123	03/23/2014	11.0	1337.0	4027.0	5364.0	24.0	75.0
124	03/24/2014	6.0	1576.0	3013.0	4589.0	34.0	65.0
125	03/28/2014	8.0	1512.0	3724.0	5236.0	28.0	71.0
126	04/01/2014	33.0	1740.0	7044.0	8784.0	19.0	80.0
127	04/06/2014	61.0	13915.0	27351.0	41266.0	33.0	66.0

128	04/08/2014	18.0	4986.0	10385.0	15371.0	32.0	67.0
129	04/09/2014	18.0	6119.0	11750.0	17869.0	34.0	65.0
130	04/11/2014	14.0	3586.0	7585.0	11171.0	32.0	67.0
131	04/16/2014	9.0	565.0	2162.0	2727.0	20.0	79.0
132	04/17/2014	12.0	2271.0	4559.0	6830.0	33.0	66.0
133	04/17/2014	9.0	3767.0	7636.0	11403.0	33.0	66.0
134	04/18/2014	15.0	5828.0	12730.0	18558.0	31.0	68.0
135	04/19/2014	26.0	9058.0	27855.0	36913.0	24.0	75.0
136	04/19/2014	10.0	7815.0	21881.0	29696.0	26.0	73.0
137	04/25/2014	24.0	9048.0	15297.0	24345.0	37.0	62.0
138	04/26/2014	16.0	5427.0	8943.0	14370.0	37.0	62.0
139	04/27/2014	25.0	8430.0	20305.0	28735.0	29.0	70.0
140	04/28/2014	16.0	2748.0	8205.0	10953.0	25.0	74.0
141	04/28/2014	0.0	855.0	2634.0	3489.0	24.0	75.0
142	04/28/2014	27.0	8785.0	33864.0	42649.0	20.0	79.0
143	04/29/2014	6.0	1065.0	3447.0	4512.0	23.0	76.0
144	04/30/2014	29.0	20768.0	43623.0	64391.0	32.0	67.0
145	05/19/2014	14.0	2217.0	4677.0	6894.0	32.0	67.0
146	05/19/2014	27.0	4698.0	9150.0	13848.0	33.0	66.0
147	05/20/2014	12.0	4886.0	10631.0	15517.0	31.0	68.0
148	05/22/2014	63.0	10344.0	36648.0	46992.0	22.0	77.0
149	05/23/2014	1.0	1485.0	5040.0	6525.0	22.0	77.0
150	05/26/2014	4.0	2264.0	7894.0	10158.0	22.0	77.0
151	05/29/2014	8.0	3777.0	8673.0	12450.0	30.0	69.0
152	06/03/2014	11.0	2485.0	5683.0	8168.0	30.0	69.0
153	06/05/2014	75.0	18454.0	51224.0	69678.0	26.0	73.0
154	06/16/2014	7.0	2398.0	4088.0	6486.0	36.0	63.0
155	06/16/2014	24.0	9597.0	22539.0	32136.0	29.0	70.0
156	07/02/2014	68.0	11276.0	30561.0	41837.0	26.0	73.0
157	07/05/2014	33.0	14056.0	30023.0	44079.0	31.0	68.0
158	07/06/2014	20.0	3794.0	11113.0	14907.0	25.0	74.0
159	07/09/2014	10.0	1242.0	2347.0	3589.0	34.0	65.0
160	07/27/2014	1.0	1121.0	4235.0	5356.0	20.0	79.0
161	07/29/2014	334.0	176157.0	132096.0	308253.0	57.0	42.0
162	07/30/2014	77.0	47946.0	58704.0	106650.0	44.0	55.0
163	07/31/2014	114.0	69273.0	85587.0	154860.0	44.0	55.0
164	08/01/2014	4.0	1075.0	3839.0	4914.0	21.0	78.0
165	08/02/2014	2.0	2243.0	6196.0	8439.0	26.0	73.0
166	08/02/2014	13.0	12712.0	22143.0	34855.0	36.0	63.0
167	08/17/2014	13.0	2242.0	2618.0	4860.0	46.0	53.0
168	08/23/2014	6.0	2280.0	2598.0	4878.0	46.0	53.0
169	09/15/2014	14.0	2633.0	6322.0	8955.0	29.0	70.0
-	-	-	-	-	Average:	45	55