HAWAII, ISLAND OF KAUAI
16103000 HANALEI RIVER NEAR HANALEI, KAUAI
WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2003 to current year.

PERIOD OF DAILY RECORD.--SUSPENDED SEDIMENT DISCHARGE: October 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Sediment concentrations: maximum daily mean 550 mg/L, February 2, 2005; 0 mg/L on February 11, 2004 and July 16, 2004. Sediment discharge: maximum daily, 8,020 tons, February 2, 2005, 0.2 tons on January 11, 2005.

Suspended sediment concentration, milligrams per liter
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e8	18	5	348	78	4	8	4	6	5	2	5
2	e6	42	5	22	550	3	7	45	17	5	2	5
3	6	10	6	6	114	4	6	15	7	9	3	4
4	15	8	4	3	77	4	5	7	16	15	4	27
5	6	48	3	2	49	4	4	4	7	9	4	11
6	6	27	3	1	6	4	4	2	4	5	3	9
7	60	11	5	1	4	4	5	2	4	5	4	11
8	17	5	8	23	2	4	15	2	3	6	5	10
9	21	8	25	39	2	10	16	3	7	6	5	7
10	9	8	9	4	6	10	9	3	9	10	4	54
11	6	e5	5	1	78	7	17	2	5	16	3	10
12	4	4	3	1	37	11	7	2	3	15	3	8
13	3	44	2	3	5	12	6	2	10	8	3	25
14	4	74	3	4	2	7	6	2	7	5	3	324
15	50	5	3	5	1	8	4	2	3	6	4	182
16	15	5	3	16	1	8	7	2	3	9	5	42
17	4	e40	17	14	2	5	11	3	3	15	5	23
18	4	24	21	5	3	3	5	2	3	6	3	12
19	20	6	7	3	4	3	2	3	68	3	3	7
20	28	4	5	2	4	3	2	3	16	4	6	5
21	20	2	3	3	3	3	2	3	5	4	7	7
22	8	1	2	3	2	3	2	e22	2	4	7	6
23	8	1	4	2	3	3	2	e14	7	3	7	55
24	71	2	8	4	5	5	2	6	4	4	3	79
25	53	17	25	17	33	9	2	4	18	4	3	20
26	41	27	32	112	18	12	3	3	14	4	5	4
27	298	25	35	10	8	7	3	2	14	6	8	3
28	23	55	9	9	5	6	2	2	13	12	9	2
29	8	98	3	5	---	29	2	2	11	12	7	2
30	69	11	113	11	---	18	3	3	8	7	6	11
31	83	---	66	107	---	10	---	4	---	4	6	---
TOTAL	974	635	442	786	1102	223	169	175	297	226	142	970
MEAN	31	21	14	25	39	7	6	6	10	7	5	32
MAX	298	98	113	348	550	29	17	45	68	16	9	324
MIN	3	1	2	1	1	3	2	2	2	3	2	2

Suspended sediment discharge, tons per day
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e3.8	14	4.8	4940	175	1.3	6.9	1.1	1.7	1.8	0.55	1.1
2	e2.8	76	3.1	21	8020	1.1	5.0	110	11	1.8	0.49	0.95
3	2.3	5.7	4.4	3.7	151	1.2	4.1	8.4	2.5	3.3	0.96	0.87
4	13	3.9	2.5	1.3	248	1.3	2.6	2.4	8.8	19	1.0	26
5	2.4	130	1.6	0.68	66	1.3	2.1	1.1	2.0	4.1	0.97	4.3
6	2.6	18	1.7	0.40	4.0	1.2	1.9	0.44	1.2	1.8	0.83	2.4
7	132	5.2	2.2	0.36	1.8	0.98	2.0	0.48	1.3	1.7	0.90	2.4
8	13	2.0	6.8	13	0.94	1.0	17	0.66	0.92	1.8	1.1	2.7
9	21	3.4	39	26	0.99	9.9	18	0.86	2.5	4.4	1.1	1.8
10	3.8	3.1	4.7	1.1	2.2	7.6	4.6	0.76	3.5	3.9	0.88	79
11	2.2	e1.7	2.0	0.18	492	2.4	21	0.60	2.0	12	0.87	4.6
12	1.4	1.4	1.2	0.41	61	5.7	5.3	0.52	0.89	13	0.73	3.1
13	1.2	128	0.88	0.83	4.8	7.7	3.3	0.52	4.5	3.8	0.70	44
14	1.3	329	1.0	1.2	1.1	3.1	2.8	0.56	1.9	2.4	0.73	5290
15	169	3.5	1.1	1.5	0.49	4.7	2.1	0.53	0.82	2.8	0.84	1300
16	7.1	4.6	1.1	28	0.43	2.7	3.5	0.57	0.87	5.8	1.1	131
17	1.6	e96	40	15	0.70	1.5	8.5	0.69	1.2	24	0.99	39
18	1.6	48	18	1.8	1.2	0.96	2.2	0.63	0.92	3.1	0.65	9.5
19	21	4.2	2.6	0.96	1.4	0.95	0.79	0.69	207	1.4	0.73	3.9
20	39	1.9	1.6	0.71	1.1	0.91	0.73	0.74	10	1.3	1.4	3.5
21	15	0.85	1.1	0.88	0.93	0.88	0.70	0.78	2.0	1.4	1.6	4.7
22	3.3	0.56	0.95	0.79	0.75	0.87	0.67	e35	0.69	1.2	1.4	6.0
23	3.3	0.50	1.9	0.61	1.2	0.85	0.65	e12	6.7	1.3	1.3	473
24	282	0.63	4.9	1.1	2.0	1.3	0.63	1.8	1.6	1.6	0.62	273
25	110	20	39	5.7	100	4.2	0.69	1.2	18	1.3	0.62	14
26	102	38	48	170	26	11	0.91	0.80	5.4	0.99	1.0	2.4
27	3310	17	59	4.7	3.3	3.1	0.84	0.62	5.4	1.6	1.6	1.3
28	34	163	5.7	2.9	1.8	2.0	0.68	0.54	5.1	5.9	1.8	1.0
29	6.4	378	1.2	1.5	---	65	0.64	0.55	4.3	6.7	1.7	1.1
30	331	13	737	3.2	---	19	0.77	0.64	3.9	2.3	1.4	26
31	152	---	219	902	---	6.8	---	1.1	---	1.0	1.1	---
TOTAL	4791.1	1511.14	1258.03	6151.51	9370.13	172.50	121.60	187.28	318.61	138.49	31.66	7752.62
MEAN	155	50	41	198	335	5.6	4.1	6.0	11	4.5	1.0	258
MAX	3310	378	737	4940	8020	65	21	110	207	24	1.8	5290
MIN	1.2	0.50	0.88	0.18	0.43	0.85	0.63	0.44	0.69	0.99	0.49	0.87

e Estimated