WATER YEAR 2023

THALE SAP SONGKHLA BASIN

Khlong Wat at Ban Hu Rae A. Hat Yai , Songkhla (X.240)

Location Lat.06° - 58' - 55" N., Long.100° - 19' - 53" E., Amphoe Hat Yai , Songkhla

Drainage Area	119.35 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US DH-48
Period of Available Records	2004 - Cont' d
Actual Measurement	2004 - 2510, 2519 - Cont' d
Using Rating Curve Water Year	2023
Number of observation	33
R - Square	0.8072
Remarks	Continued Sediment Station

$QS = 4.2747\ QW^{1.1970}$

Water Year - 2023

Suspended Sediment in Tons per Day, Water Year April 1, 2023 to March 31, 2024

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	2.32	4.27	1.43	24.16	10.39	1.43	11.58	30.40	149.65	48.83	16.56	6.67	307.69
2	2.09	4.79	1.34	21.80	38.33	8.07	9.51	37.60	131.47	43.53	15.92	6.67	321.12
3	2.55	7.78	1.22	7.22	12.50	9.22	8.35	133.27	99.79	39.44	15.29	6.39	343.02
4	2.79	5.05	1.13	5.32	8.07	10.39	8.07	46.54	65.27	36.51	14.35	6.12	209.61
5	3.52	4.53	1.01	5.32	6.39	18.82	7.50	62.08	62.08	34.33	13.73	5.85	225.17
6	5.32	4.53	1.22	2.79	4.27	18.82	6.95	30.05	78.71	32.54	13.42	5.32	203.93
7	7.22	4.53	2.79	2.55	3.77	9.80	8.07	30.05	53.06	59.31	12.80	5.32	199.27
8	3.52	3.77	1.34	3.52	4.79	8.07	7.50	35.05	47.68	70.52	12.50	5.05	203.31
9	2.79	4.02	1.13	8.35	4.53	8.93	6.39	26.91	40.92	45.41	12.19	4.79	166.36
10	2.32	5.05	1.13	3.77	4.53	7.22	7.50	21.80	36.87	37.97	11.58	5.05	144.80
11	2.09	3.27	1.22	2.79	2.55	9.22	11.58	63.68	33.97	33.61	10.98	4.53	179.50
12	2.09	2.55	1.51	1.73	2.09	5.32	47.68	29.35	31.82	30.76	10.69	4.02	169.61
13	2.09	2.32	1.13	1.34	2.32	4.27	42.78	23.14	36.87	28.65	10.69	3.77	159.37
14	2.09	3.77	1.13	1.22	5.32	3.77	21.46	43.53	63.28	26.91	11.89	3.77	188.12
15	1.86	4.27	1.13	1.13	17.52	3.03	13.11	26.91	190.92	25.53	10.98	3.52	299.92
16	1.64	4.79	1.13	1.13	10.39	2.55	11.28	165.86	282.23	26.91	10.09	3.52	521.55
17	1.64	7.50	2.09	1.01	8.93	2.55	9.51	176.67	70.52	24.84	9.80	3.27	318.33
18	1.51	12.50	14.66	1.13	6.12	2.09	12.80	58.13	51.90	23.14	9.22	3.27	196.47
19	4.79	6.39	2.55	2.55	4.27	16.56	23.82	113.69	44.65	22.13	9.51	3.03	253.96
20	1.73	5.32	1.34	14.97	3.52	4.27	15.92	106.70	43.53	21.13	8.93	2.55	229.92
21	1.64	4.79	1.13	4.27	2.79	10.09	10.69	50.36	37.60	20.14	8.35	2.55	154.41
22	1.73	4.53	1.13	2.55	2.32	15.29	48.44	44.65	34.69	19.48	7.78	2.32	184.93
23	5.58	4.27	1.13	2.32	3.03	8.64	34.33	41.29	33.61	19.81	7.22	2.09	163.33
24	4.27	4.02	1.34	1.51	2.09	11.58	17.52	48.44	56.56	18.82	6.67	1.86	174.71
25	2.09	3.03	1.64	1.22	2.79	13.42	14.04	192.83	504.82	22.13	6.39	1.86	766.26
26	1.64	2.09	4.53	2.32	2.32	46.92	14.04	1036.25	250.62	37.60	6.12	1.86	1406.32
27	1.73	2.09	1.64	4.79	2.32	51.90	10.39	307.60	148.73	25.18	7.50	4.02	567.90
28	1.64	1.64	1.73	1.51	2.32	33.25	25.18	106.70	77.88	21.13	7.78	2.09	282.88
29	1.43	1.73	1.22	1.22	2.32	19.15	18.50	146.90	68.49	19.48	7.22	1.86	289.51
30	3.27	1.51	1.13	1.13	2.32	14.66	33.25	599.89	70.52	18.50		2.32	748.51
31		1.64		1.73	1.73		20.80		57.74	17.20		6.95	107.79
Total	81.03	132.39	58.30	138.40	186.96	379.31	538.56	3836.34	2956.46	951.43	306.17	122.29	9687.62
Mean	2.70	4.27	1.94	4.46	6.03	12.64	17.37	127.88	95.37	30.69	10.56	3.94	317.87
Max	7.22	12.50	14.66	24.16	38.33	51.90	48.44	1036.25	504.82	70.52	16.56	6.95	1036.25
Min	1.43	1.51	1.01	1.01	1.73	1.43	6.39	21.80	31.82	17.20	6.12	1.86	1.01

Stop - Program Terminted.