WATER YEAR 2024

SOUTHERN PENINSULA EAST COAST

Khlong Bang Kaeo Ban Khuan In No Mo ,Ta-mot ,Phatthalung , (X.109)

Location	Lat.08° - 23' - 59" N., Long.99° - 49' - 59" E.,Ampher Ta-mot ,Phattalung ,
Drainage Area	121.28
Method of Sampling	Depth Integrating
Instrument Used	US DH - 48
Period of Available Records	1998 - Cont' d
Actual Measurement	1998 - 1984,1987,1989-1990,1992-1995,1999,2001-2002,2005-2006,2017-Cont' d
Using Rating Curve Water Year	2024
Number of observation	22
R - Square	0.7358
Remarks	Continued Sediment Station

$QS = 4.6371\ QW^{1.1044}$

Water Year - 2024

Suspended Sediment in Tons Per Day, Water Year April 1, 2024 to March 31, 2025

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	14.17	20.26	22.03	15.03	11.63	12.19	15.32	13.60	315.83	88.89	31.70	59.95	620.61
2	14.46	20.85	20.26	14.74	11.63	11.91	15.03	13.60	211.24	72.79	29.86	48.32	484.70
3	14.46	20.26	20.85	14.46	11.63	13.04	15.32	14.46	125.40	63.88	28.64	40.71	383.09
4	14.46	20.26	19.67	14.46	11.63	12.76	15.03	21.44	92.96	57.02	27.43	36.02	343.13
5	14.46	20.85	19.08	15.32	11.36	13.04	16.75	25.01	83.83	51.21	26.22	32.93	330.05
6	14.46	20.85	18.50	15.32	11.36	12.76	20.26	59.95	82.82	50.24	25.01	31.70	363.21
7	14.46	20.85	18.50	17.33	11.36	12.76	25.01	80.80	63.88	44.50	24.41	29.25	363.11
8	14.46	20.26	18.50	16.18	11.63	12.48	17.91	62.89	58.00	40.71	23.22	27.43	323.66
9	14.46	19.67	18.50	14.74	11.91	12.76	17.91	38.52	52.17	38.52	22.03	32.31	293.50
10	14.46	19.67	17.91	13.60	13.04	11.91	19.67	37.89	49.28	36.65	21.44	28.03	283.56
11	14.46	19.67	17.91	12.48	11.63	11.91	73.79	38.52	43.55	35.40	20.85	28.03	328.21
12	14.46	19.67	17.91	12.48	11.63	11.63	45.46	36.02	38.52	40.71	20.26	27.43	296.18
13	14.46	19.08	17.91	13.04	11.36	11.63	71.79	35.40	38.52	40.71	19.67	26.22	319.80
14	14.74	19.08	17.91	12.76	11.63	12.19	33.55	26.82	67.82	35.40	19.08	25.62	296.62
15	14.74	19.08	17.33	13.32	11.91	30.47	29.86	23.82	383.25	34.16	18.50	23.82	620.27
16	14.74	19.67	17.91	12.48	11.91	49.28	23.22	20.85	600.75	518.58	17.91	23.22	1330.52
17	14.74	22.62	17.33	14.74	11.63	42.60	21.44	19.67	396.88	133.82	17.33	21.44	734.25
18	15.03	23.22	17.33	13.60	11.63	36.65	29.86	18.50	133.82	90.93	16.75	20.26	427.58
19	15.32	20.85	17.33	12.76	13.32	77.79	26.22	15.60	87.88	79.80	16.75	19.67	403.28
20	15.60	21.44	17.33	12.48	12.48	57.02	20.26	15.03	69.81	65.85	17.33	19.67	344.28
21	16.75	23.22	17.91	12.48	12.48	63.88	17.91	69.81	58.97	55.08	17.33	23.22	389.04
22	17.33	19.67	19.67	12.19	12.19	36.02	16.18	126.80	75.79	49.28	16.75	21.44	423.32
23	17.91	20.85	19.67	11.91	13.32	27.43	15.32	58.00	69.81	44.50	17.91	20.26	336.88
24	17.91	19.67	17.33	11.91	14.17	25.62	15.03	97.05	56.05	43.55	153.65	19.67	491.62
25	18.50	19.67	15.60	11.91	12.76	22.62	15.03	130.65	48.32	47.37	741.70	17.91	1102.04
26	18.50	19.67	15.03	11.63	12.48	22.62	14.46	163.66	44.50	39.77	194.04	20.26	576.62
27	18.50	19.08	14.74	11.63	12.76	19.08	15.32	586.16	43.55	48.32	112.87	34.78	936.80
28	18.50	20.26	15.32	11.63	17.33	17.33	16.75	574.85	55.08	42.60	77.79	37.27	904.71
29	19.08	19.08	15.03	11.91	14.46	17.91	16.75	1745.25	129.60	38.52		24.41	2052.01
30	19.67	18.50	16.75	12.48	13.04	15.60	14.74	1027.61	369.67	36.02		25.62	1569.70
31		18.50		11.91	12.48		14.17		129.60	33.55		20.26	240.46
Total	475.24	626.28	537.09	412.91	383.80	734.92	725.31	5198.23	4077.13	2098.34	1776.45	867.12	17912.79 Ton
Mean	15.84	20.20	17.90	13.32	12.38	24.50	23.40	173.27	131.52	67.69	63.44	27.97	49.29
Max	19.67	23.22	22.03	17.33	17.33	77.79	73.79	1745.25	600.75	518.58	741.70	59.95	1745.25
Min	14.17	18.50	14.74	11.63	11.36	11.63	14.17	13.60	38.52	33.55	16.75	17.91	11.36

Stop - Program terminated.