WATER YEAR 2022

SOUTHERN PENINSULA EAST COAST

Khlong Tha Di at Ban Tha Yai, Nakhon Si Thammarat (X.55)

Location	Lat.08° - 23' - 59" N., Long.99° - 49' - 59" E., Amphoe Lan Saka, Nakhon Si Thammarat
Drainage Area	104.60 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US DH - 48
Period of Available Records	1990 - Cont' d
Actual Measurement	1990 - 2002,2004 - 2005,2009,2012 - Cont' d
Using Rating Curve Water Year	2022
Number of observation	23
R - Square	0.7866
Remarks	Continued Sediment Station

$QS = 3.7527QW^{1.4219}$

Water Year - 2022

Suspended Sediment in Tons Per Day, Water Year April 1, 2022 to March 31, 2023

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	159.96	153.51	72.19	50.24	53.73	50.24	77.37	53.73	110.60	122.43	122.43	57.29	1083.73
2	140.83	166.50	68.37	53.73	57.29	64.61	53.73	50.24	134.61	104.82	104.82	53.73	1053.29
3	122.43	140.83	64.61	46.82	72.19	40.20	53.73	46.82	228.67	99.14	219.69	179.81	1314.93
4	284.71	140.83	68.37	53.73	57.29	46.82	46.82	46.82	1165.93	99.14	166.50	128.48	2305.44
5	2498.85	186.57	60.92	77.37	53.73	53.73	64.61	50.24	1025.08	99.14	128.48	88.05	4386.78
6	694.08	219.69	60.92	64.61	46.82	46.82	60.92	77.37	880.30	99.14	110.60	82.66	2443.94
7	354.49	219.69	72.19	60.92	46.82	46.82	237.76	237.76	518.22	128.48	93.55	68.37	2085.05
8	284.71	364.82	64.61	53.73	43.47	43.47	140.83	159.96	477.27	116.47	88.05	64.61	1902.01
9	237.76	987.23	60.92	99.14	40.20	43.47	93.55	104.82	375.23	104.82	82.66	60.92	2290.72
10	193.41	364.82	60.92	116.47	37.00	53.73	77.37	82.66	304.18	93.55	77.37	57.29	1518.78
11	173.12	375.23	68.37	77.37	33.88	166.50	68.37	116.47	246.95	88.05	72.19	53.73	1540.23
12	186.57	284.71	88.05	99.14	33.88	82.66	60.92	110.60	463.85	82.66	64.61	50.24	1607.90
13	179.81	210.82	60.92	88.05	30.85	219.69	68.37	88.05	880.30	104.82	60.92	50.24	2042.85
14	173.12	179.81	72.19	77.37	30.85	166.50	122.43	128.48	504.46	88.05	60.92	46.82	1651.00
15	153.51	166.50	77.37	82.66	27.90	93.55	72.19	518.22	364.82	77.37	57.29	46.82	1738.20
16	134.61	147.13	93.55	88.05	27.90	72.19	72.19	256.24	294.40	72.19	53.73	43.47	1355.64
17	128.48	134.61	64.61	68.37	30.85	64.61	99.14	237.76	314.06	60.92	57.29	43.47	1304.17
18	134.61	128.48	88.05	60.92	27.90	57.29	104.82	193.41	1125.14	60.92	57.29	40.20	2079.04
19	173.12	122.43	93.55	57.29	33.88	50.24	88.05	159.96	1397.78	64.61	53.73	40.20	2334.85
20	173.12	116.47	72.19	68.37	33.88	50.24	104.82	128.48	532.09	60.92	53.73	37.00	1431.31
21	166.50	104.82	72.19	77.37	25.05	46.82	104.82	110.60	354.49	68.37	256.24	37.00	1424.27
22	166.50	99.14	60.92	64.61	25.05	46.82	82.66	193.41	284.71	60.92	153.51	37.00	1275.24
23	147.13	93.55	64.61	60.92	25.05	43.47	104.82	237.76	237.76	60.92	93.55	33.88	1203.41
24	128.48	88.05	72.19	60.92	33.88	46.82	99.14	304.18	202.06	68.37	77.37	30.85	1212.31
25	116.47	82.66	64.61	68.37	72.19	40.20	77.37	202.06	179.81	186.57	68.37	30.85	1189.52
26	116.47	82.66	57.29	53.73	50.24	37.00	93.55	294.40	166.50	334.09	64.61	27.90	1378.45
27	110.60	77.37	53.73	64.61	37.00	33.88	68.37	179.81	153.51	140.83	64.61	27.90	1012.22
28	93.55	77.37	50.24	93.55	33.88	43.47	64.61	159.96	147.13	179.81	60.92	27.90	1032.39
29	99.14	82.66	60.92	64.61	40.20	57.29	64.61	134.61	134.61	237.76		25.05	1001.45
30	159.96	88.05	68.37	68.37	30.85	72.19	60.92	116.47	122.43	202.06		25.05	1014.72
31		82.66		53.73	40.20		53.73		116.47	153.51		22.28	522.58
Total	7886.10	5769.69	2057.90	2175.14	1233.91	1981.33	2642.59	4781.39	13443.43	3520.85	2625.04	1619.07	49736.45
Mean	262.87	186.12	68.60	70.17	39.80	66.04	85.24	159.38	433.66	113.58	93.75	52.23	1631.44
Max	2498.85	987.23	93.55	116.47	72.19	219.69	237.76	518.22	1397.78	334.09	256.24	179.81	2498.85
Min	93.55	77.37	50.24	46.82	25.05	33.88	46.82	46.82	110.60	60.92	53.73	22.28	22.28

Stop - Program terminated.