

WATER YEAR 2022
SOUTHERN PENINSULA EAST COAST

Khlung Ban Tan at Ban Wang Kong, Nakhon Si Thammarat (X.70)

Location Lat.08° - 25' - 42" N., Long.99° - 51' - 38" E., Amphoe Mueang, Nakhon Si Thammarat
 Drainage Area 33.33 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH - 48
 Period of Available Records 1989 - Cont' d
 Actual Measurement 1989 - 2003,2005 - 2007,2009,2014 - Cont' d
 Using Rating Curve Water Year 2022
 Number of observation 22
 R - Square 0.7571
 Remarks Continued Sediment Station

QS = 9.9309 QW^{1.1135}

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	13.99	21.61	11.72	10.37	8.61	8.61	9.49	9.49	22.21	22.21	42.50	10.37	191.17
2	11.27	16.41	11.27	10.37	8.61	9.49	9.49	9.05	27.55	18.28	34.50	9.93	176.22
3	11.72	13.99	11.27	9.93	8.61	9.49	9.49	9.05	58.02	16.99	58.02	46.23	262.80
4	56.96	15.14	11.27	9.49	8.61	9.49	9.49	9.05	300.10	16.41	43.40	27.55	516.95
5	578.63	21.61	11.27	7.75	8.61	9.49	9.49	8.61	272.07	17.70	34.50	16.99	996.71
6	178.66	32.75	11.72	7.32	8.61	9.49	9.93	9.49	177.17	18.28	28.41	15.14	506.96
7	85.59	30.14	11.27	7.32	8.61	9.49	22.93	149.23	105.65	31.01	24.86	13.07	499.16
8	58.02	43.40	12.62	7.32	8.61	9.49	16.41	44.30	123.24	26.94	22.21	12.17	384.71
9	44.30	112.99	10.37	8.18	8.61	9.49	9.93	24.26	93.76	20.29	20.29	11.72	374.20
10	36.26	53.93	9.05	8.18	8.18	9.93	9.93	17.70	73.57	17.70	18.28	10.82	273.52
11	29.27	60.94	8.18	7.75	8.18	15.14	9.93	28.41	60.00	16.41	16.41	10.37	270.98
12	28.41	43.40	9.49	8.18	8.18	9.05	9.93	22.93	104.38	14.44	15.14	9.93	283.46
13	24.86	31.88	7.32	8.18	8.18	31.88	13.99	17.70	158.00	16.99	13.99	9.49	342.44
14	24.26	26.20	10.82	8.18	8.18	19.58	22.93	33.62	97.38	13.99	13.53	9.05	287.71
15	22.21	31.01	20.89	8.18	8.18	10.37	10.37	136.17	79.01	13.53	12.62	9.05	361.59
16	18.99	22.21	17.70	8.18	8.18	9.93	9.93	67.09	63.87	13.53	12.17	9.05	260.81
17	16.99	18.99	11.72	8.18	8.18	9.93	11.27	58.02	73.57	13.07	12.17	9.05	251.12
18	19.58	16.99	22.93	8.18	8.18	9.93	10.37	60.94	187.59	13.07	11.72	9.05	378.53
19	26.20	17.70	18.99	8.18	8.18	9.93	9.93	46.23	297.76	13.07	11.72	9.05	476.94
20	31.88	15.14	12.62	8.18	8.18	9.93	9.93	32.75	120.67	13.07	12.17	9.05	283.56
21	25.59	13.53	12.17	9.05	8.18	9.93	9.93	26.94	83.39	13.07	39.81	9.05	260.64
22	37.15	12.62	9.93	9.49	8.18	9.93	9.49	30.14	63.87	13.07	24.86	9.05	237.78
23	25.59	12.17	29.27	9.05	8.18	9.93	9.49	38.92	53.01	12.62	15.14	9.05	232.42
24	19.58	12.17	28.41	8.61	8.61	9.93	9.93	60.00	45.20	13.53	13.07	9.05	238.10
25	16.41	11.72	15.14	10.37	9.05	9.49	10.82	41.60	40.71	63.87	12.17	9.05	250.39
26	16.41	11.72	13.53	8.61	9.05	9.49	12.62	50.13	36.26	118.10	11.72	9.05	306.69
27	15.14	11.72	10.82	9.93	9.05	9.49	9.93	36.26	31.88	47.14	11.72	9.05	212.12
28	13.07	11.72	10.82	13.53	9.05	9.49	9.93	39.81	28.41	69.24	10.82	9.05	234.94
29	15.14	11.72	12.17	9.05	9.05	9.49	9.49	30.14	25.59	84.49		8.61	224.93
30	31.88	11.72	10.37	8.61	9.05	9.49	9.49	24.86	22.93	72.48		8.61	219.49
31		11.72		8.61	9.05		9.49		21.61	56.96		8.61	126.05
Total	1533.99	778.87	405.07	272.50	263.98	326.79	345.77	1172.88	2948.41	911.56	597.88	365.38	9923.09
Mean	51.13	25.12	13.50	8.79	8.52	10.89	11.15	39.10	95.11	29.41	21.35	11.79	325.86
Max	578.63	112.99	29.27	13.53	9.05	31.88	22.93	149.23	300.10	118.10	58.02	46.23	578.63
Min	11.27	11.72	7.32	7.32	8.18	8.61	9.49	8.61	21.61	12.62	10.82	8.61	7.32

Stop - Program terminated.