

WATER YEAR 2022
THALE SAP SONGKHLA BASIN

Khlung Rattaphum at Ban Na Sithong A.Rattaphum , Songkhla (X.67A)

Location Lat. 07° - 06' - 50" N., Long.100° - 12' - 15" E., Amphoe Rattaphum , Songkhla
 Drainage Area 257.48 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH-48
 Period of Available Records 2008 - Cont' d
 Actual Measurement 2008 - Cont' d
 Using Rating Curve Water Year 2022
 Number of observation 23
 R - Square 0.9357
 Remarks Continued Sediment Station

QS =1.3917 QW1.6003

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	32.34	38.64	44.53	15.34	30.33	45.84	202.40	112.95	68.76	137.01	70.31	29.35	827.80
2	99.37	40.83	41.94	16.11	41.94	34.39	74.23	112.95	72.26	127.18	62.71	26.47	750.39
3	325.95	34.39	39.73	16.90	39.73	27.42	44.53	78.23	137.01	117.62	72.26	24.61	958.37
4	115.28	25.53	31.33	19.35	34.39	23.70	39.73	103.83	522.00	110.65	74.23	22.81	1122.82
5	70.31	31.33	149.67	20.19	25.53	23.70	48.52	1088.14	522.00	106.08	59.76	21.92	2167.16
6	59.76	67.23	225.06	19.35	21.05	21.05	157.48	3958.89	275.78	101.59	54.03	20.19	4981.46
7	49.87	43.23	304.66	17.70	19.35	20.19	84.37	1013.25	174.61	313.11	49.87	18.52	2108.76
8	41.94	78.23	86.46	16.11	17.70	18.52	115.28	426.80	171.62	398.54	48.52	16.11	1435.84
9	38.64	119.99	56.87	15.34	15.34	16.90	61.23	240.25	644.13	240.25	45.84	14.58	1509.36
10	39.73	59.76	47.17	15.34	15.34	15.34	64.20	259.76	497.53	154.86	44.53	13.83	1227.40
11	34.39	94.99	47.17	15.34	15.34	15.34	106.08	283.92	904.72	162.76	44.53	13.83	1738.42
12	32.34	183.70	41.94	15.34	15.34	15.34	124.76	388.37	404.14	208.78	43.23	13.83	1487.11
13	74.23	61.23	36.49	15.34	15.34	15.34	62.71	404.14	292.15	117.62	43.23	13.10	1150.92
14	39.73	56.87	32.34	15.34	15.34	14.58	122.37	455.78	212.00	112.95	41.94	13.10	1132.34
15	33.36	55.44	30.33	15.34	49.87	14.58	56.87	1078.67	684.67	99.37	40.83	12.39	2171.73
16	44.53	39.73	30.33	15.34	38.64	16.11	54.03	677.85	240.25	84.37	39.73	12.39	1293.30
17	39.73	47.17	29.35	15.34	32.34	16.11	88.56	1273.90	225.06	76.22	38.64	11.69	1894.10
18	101.59	37.56	39.73	16.11	30.33	16.11	671.06	338.98	4732.92	68.76	38.64	11.69	6103.48
19	41.94	32.34	33.36	16.11	27.42	16.11	1626.63	247.99	4903.41	80.25	37.56	11.00	7074.13
20	90.69	27.42	29.35	15.34	22.81	16.11	392.98	180.65	3871.26	127.18	37.56	11.00	4822.34
21	61.23	26.47	25.53	15.34	18.52	16.11	202.40	154.86	1576.50	240.25	36.49	10.33	2384.04
22	41.94	26.47	22.81	15.34	16.11	16.11	212.00	134.52	967.47	147.11	35.44	10.33	1645.65
23	37.56	24.61	20.19	15.34	15.34	16.11	132.06	132.06	591.54	154.86	34.39	9.68	1183.74
24	32.34	21.92	19.35	15.34	15.34	14.58	101.59	726.13	432.54	134.52	33.36	9.04	1556.05
25	27.42	19.35	20.19	15.34	15.34	11.00	78.23	199.23	343.36	110.65	32.34	8.42	880.87
26	24.61	17.70	20.19	16.11	15.34	9.04	68.76	137.01	283.92	92.83	32.34	7.82	725.68
27	24.61	16.90	18.52	139.51	14.58	12.39	317.37	115.28	240.25	76.22	32.34	7.23	1015.19
28	22.81	16.11	17.70	48.52	14.58	30.33	611.06	97.17	208.78	70.31	32.34	7.23	1176.94
29	20.19	19.35	16.11	45.84	14.58	62.71	212.00	84.37	186.77	86.46		6.66	755.05
30	22.81	65.71	15.34	31.33	14.58	134.52	142.02	74.23	165.69	139.51		6.11	811.84
31		54.03		27.42	38.64		122.37		149.67	86.46		6.11	484.69
Total	1721.24	1484.24	1573.78	712.10	716.41	725.71	6397.86	14580.16	24702.78	4284.33	1256.98	421.38	58576.98
Mean	57.37	47.88	52.46	22.97	23.11	24.19	206.38	486.01	796.86	138.20	44.89	13.59	1913.93
Max	325.95	183.70	304.66	139.51	49.87	134.52	1626.63	3958.89	4903.41	398.54	74.23	29.35	4903.41
Min	20.19	16.11	15.34	15.34	14.58	9.04	39.73	74.23	68.76	68.76	32.34	6.11	6.11

Stop - Program Terminated.