

WATER YEAR 2023
THALE SAP SONGKHLA BASIN

Khlong 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 2023
 Number of observation 24
 R - Square 0.8653
 Remarks Continued Sediment Station

QS =3.6607 QW1.3249

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	12.46	19.25	9.78	133.07	47.86	30.06	62.27	91.80	534.25	260.43	84.60	28.93	1314.76
2	12.46	19.25	9.78	260.43	135.29	171.01	52.56	99.14	529.32	224.64	77.56	27.81	1619.24
3	12.46	18.24	9.78	60.62	63.93	148.97	49.41	135.29	382.27	199.44	74.09	27.81	1182.32
4	12.46	18.24	8.93	32.36	35.88	128.64	49.41	99.14	335.26	181.04	68.96	26.70	997.00
5	11.55	17.24	8.93	23.43	27.81	181.04	43.27	115.57	378.34	166.05	65.59	26.70	1065.51
6	11.55	17.24	8.93	20.28	22.37	202.55	58.99	77.56	354.63	153.81	63.93	25.60	1017.40
7	11.55	16.25	8.93	16.25	23.43	99.14	43.27	72.37	234.27	237.50	60.62	24.51	848.08
8	11.55	16.25	12.46	13.38	23.43	70.66	37.33	75.82	196.35	257.13	58.99	23.43	796.76
9	10.66	16.25	14.32	20.28	22.37	57.36	33.52	62.27	166.05	171.01	55.75	23.43	653.27
10	10.66	16.25	15.28	18.24	19.25	62.27	32.36	82.83	148.97	151.39	54.15	23.43	635.06
11	11.55	15.28	16.25	15.28	17.24	84.60	40.27	113.43	135.29	137.53	52.56	22.37	661.64
12	12.46	15.28	17.24	14.32	16.25	52.56	67.27	74.09	126.43	126.43	50.98	21.31	594.62
13	13.38	14.32	15.28	11.55	17.24	41.76	77.56	68.96	126.43	119.89	47.86	20.28	574.50
14	14.32	14.32	15.28	11.55	31.20	35.88	58.99	339.08	335.26	111.29	49.41	19.25	1035.83
15	15.28	14.32	14.32	9.78	173.51	33.52	38.79	124.24	763.51	104.95	47.86	19.25	1359.33
16	16.25	13.38	14.32	8.93	75.82	31.20	43.27	366.43	931.16	115.57	44.78	18.24	1679.35
17	17.24	13.38	13.38	8.09	70.66	28.93	38.79	362.54	323.71	104.95	41.76	18.24	1041.67
18	18.24	13.38	13.38	8.09	43.27	28.93	41.76	205.67	221.45	97.29	41.76	17.24	750.46
19	19.25	12.46	12.46	16.25	31.20	91.80	34.70	282.46	191.21	91.80	40.27	16.25	840.10
20	20.28	12.46	12.46	104.95	70.66	41.76	30.06	250.54	205.67	88.18	38.79	15.28	891.09
21	20.28	12.46	11.55	37.33	63.93	33.52	34.70	202.55	163.59	82.83	38.79	14.32	715.83
22	20.28	11.55	11.55	31.20	35.88	40.27	44.78	199.44	142.03	82.83	35.88	14.32	670.02
23	21.31	11.55	10.66	25.60	65.59	37.33	144.30	153.81	142.03	84.60	33.52	13.38	743.69
24	21.31	10.66	9.78	19.25	34.70	63.93	57.36	178.52	267.77	81.06	33.52	13.38	791.25
25	22.37	10.66	8.93	16.25	27.81	91.80	47.86	382.27	2507.93	293.49	32.36	12.46	3454.18
26	22.37	10.66	8.09	14.32	24.51	186.11	72.37	2789.43	1492.00	451.96	31.20	11.55	5114.57
27	21.31	10.66	8.93	17.24	23.43	275.02	58.99	978.61	681.97	173.51	30.06	14.32	2294.05
28	21.31	9.78	8.09	13.38	21.31	196.35	55.75	447.23	461.47	128.64	30.06	12.46	1405.83
29	20.28	9.78	7.28	11.55	20.28	104.95	81.06	917.98	410.42	111.29	30.06	11.55	1736.47
30	20.28	9.78	8.93	10.66	24.51	77.56	75.82	1578.36	428.42	99.14		15.28	2348.72
31		9.78		40.27	20.28		84.60		319.93	89.99		28.93	593.78
Total	486.65	430.32	345.26	1044.16	1330.87	2729.50	1691.42	10927.43	13637.39	4779.68	1415.73	607.96	39426.37
Mean	16.22	13.88	11.51	33.68	42.93	90.98	54.56	364.25	439.92	154.18	48.82	19.61	1290.55
Max	22.37	19.25	17.24	260.43	173.51	275.02	144.30	2789.43	2507.93	451.96	84.60	28.93	2789.43
Min	10.66	9.78	7.28	8.09	16.25	28.93	30.06	62.27	126.43	81.06	30.06	11.55	7.28

Stop - Program Termtined.