

WATER YEAR 2023

THALE SAP SONGKHLA BASIN

Khlung U-Taphao at Ban Bang Sala, Songkhla (X.90)

Location Lat.06° - 55' - 39" N., Long.100° - 26' - 37" E., Amphoe Khlung Hoi Khong , Song Khla

Drainage Area 1534.31 sq.km.

Method of Sampling Depth Integrating

Instrument Used US DH - 48

Period of Available Records 1983 - Cont' d

Actual Measurement 1983 - 1995 , 2000 - 2001 , 2005 - Cont' d

Using Rating Curve Water Year 2023

Number of observation 31

R - Square 0.8371

Remarks Continued Sediment Station

QS = 3.4122 QW1.2752

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	358.77	532.82	720.27	545.80	970.23	5.63	720.27	513.49	2008.13	685.92	22.57	89.85	7173.76
2	317.71	494.31	699.62	679.10	1202.55	5.72	545.80	456.43	1496.57	706.49	89.85	98.76	6792.90
3	323.51	513.49	658.71	558.84	977.60	18.10	790.03	897.20	1477.19	882.74	201.60	107.84	7406.85
4	545.80	625.03	611.66	400.87	811.23	165.63	768.96	692.76	1038.49	811.23	294.74	121.78	6888.17
5	904.45	804.15	571.95	413.08	797.09	394.79	419.21	571.95	970.23	727.19	358.77	136.07	7068.92
6	1286.47	811.23	539.30	364.72	797.09	986.46	413.08	853.98	1343.09	672.29	400.87	145.78	8614.35
7	1267.71	507.07	532.82	358.77	783.00	503.24	413.08	1056.46	1065.47	853.98	300.45	145.78	7787.83
8	625.03	487.95	526.36	358.77	804.15	22.57	487.95	897.20	933.56	962.87	82.86	145.78	6335.05
9	507.07	475.28	519.91	519.91	720.27	85.47	431.54	999.79	783.00	658.71	89.85	140.91	5931.72
10	625.03	487.95	507.07	625.03	645.19	160.61	323.51	861.15	741.05	672.29	89.85	140.91	5879.64
11	631.73	406.96	507.07	598.36	638.45	21.47	443.95	713.37	552.31	631.73	89.85	140.91	5376.17
12	605.00	394.79	487.95	507.07	672.29	85.47	897.20	797.09	658.71	706.49	82.86	150.69	6045.61
13	552.31	487.95	462.69	591.73	625.03	283.40	1946.31	1014.63	598.36	658.71	77.70	150.69	7449.51
14	513.49	558.84	456.43	545.80	539.30	191.17	1065.47	1343.09	611.66	665.49	72.61	136.07	6699.41
15	532.82	625.03	382.70	468.98	638.45	27.25	1007.20	2217.18	1128.99	861.15	70.10	126.50	8086.36
16	545.80	699.62	346.93	388.74	1295.87	20.31	727.19	2323.35	1834.05	955.53	62.67	112.45	9312.48
17	545.80	672.29	323.51	400.87	1147.29	14.92	437.73	1783.51	1295.87	984.98	48.38	98.76	7753.90
18	539.30	741.05	400.87	419.21	720.27	11.71	419.21	1092.60	933.56	352.84	48.38	85.47	5764.48
19	571.95	645.19	400.87	450.18	578.53	41.55	672.29	692.76	754.98	300.45	75.15	75.15	5259.03
20	651.94	358.77	419.21	611.66	406.96	725.80	456.43	598.36	450.18	233.60	107.84	67.60	5088.36
21	625.03	413.08	431.54	1101.67	513.49	933.56	1258.36	443.95	382.70	145.78	140.91	43.80	6433.86
22	598.36	431.54	419.21	889.96	552.31	1092.60	992.38	450.18	611.66	160.61	155.64	24.89	6379.34
23	591.73	406.96	481.61	323.51	50.70	1022.08	977.60	545.80	394.79	424.14	136.07	13.44	5368.43
24	699.62	376.69	487.95	329.33	48.38	741.05	832.55	741.05	591.73	503.24	103.28	10.42	5465.28
25	955.53	335.17	526.36	558.84	43.80	846.82	519.91	672.29	2291.39	222.82	75.15	10.87	7058.94
26	625.03	346.93	605.00	699.62	62.67	962.87	768.96	2334.02	4006.11	82.86	55.42	11.71	10561.21
27	341.04	456.43	713.37	811.23	60.23	1128.99	748.01	4525.06	3000.46	75.15	50.70	12.11	11922.79
28	335.17	571.95	645.19	754.98	43.80	1428.98	468.98	4006.11	1467.52	255.48	67.60	12.11	10057.87
29	413.08	672.29	376.69	638.45	28.48	1333.61	400.87	2895.62	904.45	394.79	77.70	12.57	8148.60
30	513.49	706.49	443.95	500.68	17.04	1029.53	591.73	2462.94	797.09	352.84		12.97	7428.75
31		720.27		443.95	8.79		1007.20		727.19	67.60		13.85	2988.85
Total	18149.75	16767.55	15206.78	16859.70	17200.52	14291.36	21952.95	39453.35	35850.54	16669.97	3529.44	2596.48	218528.40
Mean	604.99	540.89	506.89	543.86	554.86	476.38	708.16	1315.11	1156.47	537.74	121.70	83.76	7150.81
Max	1286.47	811.23	720.27	1101.67	1295.87	1428.98	1946.31	4525.06	4006.11	984.98	400.87	150.69	4525.06
Min	317.71	335.17	323.51	323.51	8.79	5.63	323.51	443.95	382.70	67.60	22.57	10.42	5.63

Stop - Program Terminated.