

THALE SAP SONGKHLA BASIN

Location	Lat 06° - 38' - 04" N Long 100° - 23' - 38"E, Amphoe Sadao, Songkhla
Drainage Area	116.96 sq.km.
Method of Sampling	Depth Integrating
Instrument Used	US DH - 48
Period of Available Records	1981 - Cont' d
Actual Measurement	1981 - 1995 , 2000 - 2001 , 2010 - Cont' d
Using Rating Curve Water Year	2024
Number of observation	40
R - Square	0.8162
Remarks	Continued Sediment Station

$$QS = 5.4152 QW^{1.2244}$$

Suspended Sediment in Tons per Day, Water Year April 1, 2024 to March 31, 2025

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	10.37	2.90	21.47	9.63	1.24	3.50	28.84	7.47	36.58	8.90	6.09	2.20	139.18	
2	4.12	5.42	4.76	2.55	1.24	5.42	25.63	6.77	28.84	8.90	6.09	2.20	101.93	
3	4.12	2.55	10.37	1.87	1.24	10.37	62.79	8.18	25.63	8.18	5.42	2.20	142.92	
4	6.77	15.82	6.09	1.55	1.24	3.50	75.48	17.45	24.58	8.18	5.42	1.87	167.93	
5	2.90	2.90	2.90	6.77	1.24	2.55	84.16	24.58	20.45	7.47	6.09	2.20	164.19	
6	1.24	7.47	2.20	9.63	1.24	2.55	440.11	125.18	18.44	7.47	5.42	5.42	626.35	
7	1.24	9.63	2.20	2.90	1.24	14.22	97.50	75.48	17.45	7.47	5.42	4.76	239.49	
8	1.24	7.47	1.87	3.50	1.24	40.29	676.19	11.12	15.82	6.77	5.42	2.55	773.46	
9	0.94	3.50	1.87	1.87	2.90	35.46	114.19	9.63	15.01	6.77	4.76	2.20	199.10	
10	0.94	2.20	1.55	1.55	61.24	6.09	53.57	8.90	17.45	6.77	4.76	2.20	167.22	
11	1.24	2.55	1.55	1.55	6.09	4.12	46.11	14.22	15.82	6.09	4.76	2.20	106.29	
12	1.24	2.90	1.55	1.55	4.76	8.90	59.69	14.22	14.22	7.47	4.76	2.20	123.45	
13	1.24	1.87	1.24	1.55	2.90	10.37	268.57	8.18	14.22	7.47	4.12	2.20	323.92	
14	0.94	1.87	1.24	1.55	2.20	10.37	41.73	7.47	17.45	7.47	4.76	2.20	99.25	
15	0.94	1.55	0.94	2.55	4.12	43.18	34.34	8.18	15.01	8.90	4.76	2.20	126.67	
16	0.94	22.50	2.20	1.55	15.82	194.09	35.46	14.22	14.22	71.20	4.76	1.87	378.83	
17	2.20	122.82	2.90	13.43	2.90	275.50	20.45	6.77	13.43	26.70	4.76	1.87	493.73	
18	1.24	9.63	2.20	8.18	2.90	190.14	11.88	6.09	12.65	11.12	4.76	1.87	262.66	
19	1.87	7.47	1.55	2.20	5.42	122.82	11.12	5.42	11.88	9.63	4.76	1.87	186.01	
20	9.63	5.42	1.55	1.87	2.90	67.50	9.63	5.42	11.12	8.18	4.12	2.20	129.53	
21	2.55	4.12	6.09	1.87	6.77	79.80	8.90	6.77	10.37	8.18	4.12	2.90	142.42	
22	2.55	2.55	8.18	1.55	3.50	41.73	8.18	10.37	10.37	7.47	4.76	2.55	103.73	
23	8.18	2.90	2.90	1.55	2.55	47.58	7.47	7.47	10.37	6.77	7.47	2.20	107.39	
24	15.01	2.55	2.90	1.24	2.55	396.00	7.47	8.18	9.63	6.77	4.12	2.55	458.95	
25	36.58	2.20	2.55	1.24	2.90	204.36	6.77	12.65	9.63	7.47	2.90	2.20	291.45	
26	11.12	4.12	1.87	1.24	10.37	391.64	7.47	21.47	9.63	8.90	2.55	2.90	473.26	
27	2.55	2.90	1.87	1.24	7.47	696.32	10.37	1038.78	8.90	9.63	2.55	2.55	1785.10	
28	1.87	17.45	1.87	1.24	49.07	71.20	14.22	1066.64	8.90	7.47	2.55	2.90	1245.37	
29	1.55	3.50	6.77	1.55	15.82	40.29	25.63	309.80	8.90	6.77		11.88	432.45	
30	1.55	2.55	5.42	1.55	5.42	32.12	16.63	81.97	9.63	6.09		25.63	188.55	
31		9.63		1.24	3.50		8.90		8.90	6.09		4.76	43.01	
Total	138.89	292.86	112.62	93.31	233.94	3051.94	2319.42	2949.00	465.48	322.64	132.18	111.55	10223.82	Ton
Mean	4.63	9.45	3.75	3.01	7.55	101.73	74.82	98.30	15.02	10.41	4.72	3.60	28.08	
Max	36.58	122.82	21.47	13.43	61.24	696.32	676.19	1066.64	36.58	71.20	7.47	25.63	1066.64	
Min	0.94	1.55	0.94	1.24	1.24	2.55	6.77	5.42	8.90	6.09	2.55	1.87	0.94	
Stop - Program Terminated.														