

THALE SAP SONGKHLA BASIN

Location Lat. 07⁰ - 06' - 50" N., Long.100⁰ - 12' - 15" E., Amphoe Rattaphum , Songkhla

Drainage Area	257.47 sq. km.
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Method of Sampling	Depth Integrating
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Instrument Used	US DH-48
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Period of Available Records 2008 - Cont' d

Actual Measurement 2008 - Cont' d

Using Rating Curve Water Year 2024

Number of observation 23

R - Square 0.7478

Remarks _____ Continued Sediment Station _____

OS =3.0028 OW1.3058

Water Year - 2024

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	16.58	12.61	15.99	12.61	18.95	22.03	37.76	28.48	703.79	62.71	46.49	57.96	1035.93	
2	16.58	13.16	14.84	10.46	18.35	18.35	36.70	27.49	488.36	59.14	45.37	51.00	799.79	
3	14.84	11.52	14.84	9.42	15.99	20.78	31.50	31.50	314.05	56.79	43.16	46.49	610.89	
4	13.71	12.06	15.42	7.91	13.71	20.78	34.60	62.71	250.68	55.62	42.07	43.16	572.43	
5	13.16	12.06	11.52	8.41	10.99	18.35	49.86	49.86	224.82	62.71	40.98	40.98	543.69	
6	12.61	17.76	10.46	10.99	8.41	17.16	53.30	49.86	200.89	54.46	39.90	38.82	514.60	
7	12.06	13.16	9.42	8.91	7.42	18.35	47.61	104.90	159.29	51.00	38.82	37.76	508.70	
8	12.06	11.52	9.93	8.41	6.47	18.95	43.16	62.71	136.83	49.86	36.70	35.64	432.25	
9	11.52	10.46	8.91	7.42	6.00	20.78	163.88	52.15	132.72	47.61	36.70	125.15	623.29	
10	11.52	10.46	8.41	6.47	5.55	17.76	324.58	44.26	127.03	46.49	35.64	67.54	705.70	
11	11.52	17.76	7.42	6.94	5.55	14.84	363.85	37.76	112.17	45.37	34.60	61.51	719.29	
12	10.99	13.71	6.94	7.91	5.10	13.71	170.81	36.70	101.31	56.79	33.56	57.96	515.49	
13	10.46	11.52	5.55	10.46	5.10	15.42	161.58	53.30	97.75	55.62	32.53	48.73	508.00	
14	9.42	12.06	6.00	9.42	5.10	21.40	163.88	37.76	123.28	52.15	31.50	44.26	516.23	
15	9.42	10.99	6.00	7.91	4.66	141.25	97.75	34.60	145.72	48.73	31.50	40.98	579.51	
16	9.93	11.52	7.42	7.42	7.42	182.73	77.21	30.49	139.04	393.06	30.49	38.82	935.55	
17	9.93	17.16	12.61	8.91	13.71	238.81	63.91	28.48	154.73	195.66	29.48	36.70	810.09	
18	10.99	35.64	8.91	18.35	20.17	259.67	57.96	25.53	127.03	125.15	28.48	34.60	752.48	
19	11.52	14.84	6.94	12.06	22.03	321.06	52.15	26.50	104.90	152.47	37.76	33.56	795.78	
20	13.16	13.71	6.94	9.42	22.65	182.73	47.61	25.53	93.25	119.55	31.50	31.50	597.55	
21	15.99	12.06	6.47	8.91	14.84	253.67	43.16	45.37	85.87	90.28	28.48	31.50	636.62	
22	16.58	11.52	9.93	8.41	12.61	130.82	38.82	68.77	81.51	78.64	27.49	31.50	516.59	
23	13.71	11.52	10.46	7.42	15.42	91.77	35.64	53.30	77.21	70.16	28.48	30.49	445.57	
24	14.28	10.99	9.42	6.00	43.16	80.07	33.56	193.06	72.96	66.33	43.16	29.48	602.46	
25	12.61	10.46	10.46	6.00	20.78	63.91	32.53	147.96	68.77	65.12	441.99	27.49	908.07	
26	11.52	13.16	9.42	6.47	55.62	75.79	31.50	195.66	65.12	60.32	185.30	27.49	737.35	
27	12.06	10.99	8.41	7.91	25.53	87.34	40.98	856.24	66.33	57.96	85.87	32.53	1292.14	
28	11.52	35.64	16.58	8.41	170.81	56.79	60.32	1266.42	68.77	54.46	66.33	32.53	1848.56	
29	20.78	16.58	18.95	10.46	104.90	49.86	44.26	2148.56	110.34	52.15		29.48	2606.32	
30	14.28	13.16	17.16	14.28	40.98	42.07	39.90	1773.03	85.87	49.86		46.49	2137.07	
31		12.61		18.95	26.50		32.53		67.54	47.61		31.50	237.24	
Total	385.28	442.32	311.75	293.03	754.49	2517.02	2512.84	7598.90	4787.91	2483.79	1634.30	1323.59	25045.23	Ton
Mean	12.84	14.27	10.39	9.45	24.34	83.90	81.06	253.30	154.45	80.12	58.37	42.70	68.77	
Max	20.78	35.64	18.95	18.95	170.81	321.06	363.85	2148.56	703.79	393.06	441.99	125.15	2148.56	
Min	9.42	10.46	5.55	6.00	4.66	13.71	31.50	25.53	65.12	45.37	27.49	27.49	4.66	

Stop - Program Terminated.