

WATER YEAR 2023
THALE SAP SONGKHLA BASIN

Khlong Lam at Ban Khlong Lam A.Sri Na Karin , Phatthalung (X.170)

Location	Lat.07° - 33' - 24" N., Long.99° - 59' - 24" E.,	Amphoe Sri Na Karin , Phatthalung
Drainage Area	209.05 sq. km.	
Method of Sampling	Depth Integrating	
Instrument Used	US DH - 48	
Period of Available Records	2005 - Cont' d	
Actual Measurement	2005 - Cont' d	
Using Rating Curve Water Year	2023	
Number of observation	20	
R - Square	0.8558	
Remarks	Continued Sediment Station	

QS =3.0619 QW^{1.2214}

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	20.80	18.70	41.20	101.69	25.11	41.20	61.11	56.00	124.70	90.51	96.07	29.56	706.65
2	20.80	20.80	34.13	133.54	53.48	157.64	53.48	61.11	124.70	87.76	85.01	29.56	862.01
3	20.80	36.46	36.46	58.55	34.13	74.22	56.00	74.22	257.00	85.01	79.58	29.56	841.98
4	20.80	22.94	36.46	36.46	27.32	82.29	61.11	61.11	136.52	82.29	76.89	29.56	673.74
5	20.80	18.70	31.83	29.56	22.94	82.29	82.29	63.69	130.58	82.29	71.56	27.32	663.85
6	22.94	20.80	31.83	25.11	18.70	76.89	63.69	61.11	121.78	79.58	68.92	27.32	618.67
7	20.80	18.70	41.20	22.94	16.65	58.55	53.48	56.00	110.22	82.29	63.69	27.32	571.84
8	18.70	16.65	58.55	20.80	25.11	50.98	53.48	50.98	104.52	96.07	61.11	25.11	582.05
9	18.70	16.65	36.46	18.70	22.94	68.92	46.04	58.55	101.69	79.58	58.55	25.11	551.88
10	18.70	29.56	29.56	18.70	20.80	68.92	41.20	48.50	98.87	76.89	56.00	27.32	535.02
11	18.70	22.94	38.82	18.70	18.70	96.07	38.82	61.11	96.07	74.22	53.48	25.11	562.73
12	16.65	16.65	31.83	16.65	18.70	53.48	71.56	61.11	93.28	74.22	53.48	22.94	530.54
13	16.65	14.64	27.32	14.64	22.94	48.50	90.51	53.48	96.07	71.56	50.98	22.94	530.21
14	18.70	12.68	41.20	12.68	41.20	43.61	66.30	96.07	115.97	68.92	48.50	20.80	586.62
15	18.70	12.68	27.32	12.68	188.72	43.61	71.56	104.52	104.52	66.30	50.98	20.80	722.36
16	18.70	12.68	22.94	18.70	110.22	38.82	113.09	98.87	96.07	68.92	46.04	18.70	663.74
17	18.70	16.65	22.94	14.64	79.58	36.46	66.30	107.36	93.28	74.22	46.04	18.70	594.87
18	18.70	18.70	25.11	12.68	56.00	38.82	56.00	130.58	90.51	68.92	43.61	18.70	578.34
19	18.70	20.80	25.11	43.61	46.04	61.11	63.69	113.09	93.28	68.92	53.48	16.65	624.49
20	16.65	20.80	20.80	82.29	41.20	53.48	48.50	104.52	93.28	68.92	48.50	16.65	615.58
21	16.65	14.64	16.65	36.46	36.46	50.98	43.61	96.07	87.76	63.69	43.61	16.65	523.22
22	18.70	12.68	14.64	34.13	31.83	66.30	48.50	93.28	87.76	61.11	41.20	14.64	524.76
23	61.11	18.70	12.68	36.46	34.13	90.51	48.50	93.28	85.01	74.22	38.82	14.64	608.06
24	31.83	14.64	12.68	31.83	31.83	68.92	50.98	93.28	85.01	93.28	38.82	14.64	567.73
25	22.94	12.68	10.77	25.11	27.32	68.92	48.50	87.76	113.09	350.72	36.46	12.68	816.92
26	20.80	14.64	10.77	22.94	29.56	127.64	46.04	136.52	107.36	237.10	34.13	12.68	800.16
27	18.70	36.46	10.77	22.94	22.94	145.50	46.04	139.50	98.87	133.54	34.13	12.68	722.07
28	18.70	29.56	20.80	18.70	25.11	151.55	48.50	118.87	93.28	121.78	31.83	12.68	691.35
29	16.65	22.94	14.64	18.70	22.94	87.76	50.98	185.56	93.28	115.97	31.83	12.68	673.92
30	16.65	38.82	12.68	16.65	31.83	71.56	53.48	253.66	98.87	110.22		18.70	723.11
31		46.04		27.32	31.83		58.55		93.28	101.69		25.11	383.81
Total	627.43	650.93	798.10	1004.53	1216.23	2205.47	1801.90	2819.76	3326.48	3010.69	1543.31	647.45	19652.27
Mean	20.91	21.00	26.60	32.40	39.23	73.52	58.13	93.99	107.31	97.12	53.22	20.89	644.31
Max	61.11	46.04	58.55	133.54	188.72	157.64	113.09	253.66	257.00	350.72	96.07	29.56	350.72
Min	16.65	12.68	10.77	12.68	16.65	36.46	38.82	48.50	85.01	61.11	31.83	12.68	10.77

Stop - Program Termtined.