

WATER YEAR 2023
SOUTHERN PENINSULA EAST COAST

Khlung Palian at Ban Palian Nai, Trang (X.139A)

Location Lat 07° - 46' - 15" N., Long. 99° - 32' - 14" E., Ban Palian Nai Amphoe Palian Trang
 Drainage Area 159.24 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US DH-49
 Period of Available Records 2021 - Cont' d
 Actual Measurement 2021 - Cont' d
 Using Rating Curve Water Year 2023
 Number of observation 25
 R - Square 0.8905
 Remarks Continued Sediment Station

QS =2.754 QW^{1.1501}

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	5.83	4.73	22.45	296.74	43.42	86.85	73.82	69.41	66.90	22.87	15.37	6.96	715.35
2	5.83	4.73	15.73	218.88	47.99	294.40	66.90	76.35	87.60	21.21	15.37	6.68	861.68
3	7.54	11.86	15.73	70.03	38.46	120.49	63.79	79.05	75.08	29.67	15.02	6.68	533.41
4	7.25	5.83	13.95	51.04	27.09	141.99	81.80	72.55	61.93	30.54	14.66	6.96	515.61
5	7.83	5.00	14.66	40.71	25.39	242.59	97.37	76.99	54.11	29.24	13.95	6.39	614.23
6	9.00	7.25	16.81	31.84	24.55	204.09	138.19	73.18	51.04	27.95	13.60	6.39	603.89
7	13.25	22.45	42.96	29.24	24.55	101.92	98.88	49.00	47.99	36.68	13.25	6.11	486.29
8	7.83	13.95	25.82	44.78	27.09	75.72	68.78	54.11	45.24	30.97	13.25	6.11	413.65
9	6.68	10.19	17.53	33.15	25.39	85.36	57.20	51.55	43.87	27.52	12.90	5.83	377.19
10	6.39	31.40	16.45	24.55	31.40	171.94	57.20	67.53	42.06	25.82	12.56	5.83	493.14
11	5.83	13.60	16.45	33.59	30.54	146.13	61.93	125.90	39.81	24.97	12.21	5.55	516.52
12	5.55	9.00	11.86	31.84	24.97	81.11	79.73	84.62	38.46	23.71	11.86	5.28	408.00
13	5.28	7.54	12.21	24.55	28.38	63.79	62.55	71.29	36.68	23.29	11.18	5.00	351.73
14	5.28	6.68	15.02	22.04	134.39	55.14	76.35	81.80	41.61	22.45	11.18	4.73	476.65
15	5.55	6.11	11.86	29.24	375.57	54.11	206.87	61.93	63.17	22.04	11.52	4.73	852.71
16	5.55	6.39	10.19	24.55	201.32	50.53	239.19	66.90	40.26	21.62	10.49	4.46	681.45
17	5.28	5.83	9.89	16.45	100.40	47.07	109.98	63.17	34.47	22.87	10.19	4.19	429.79
18	5.55	6.11	27.95	22.87	74.45	44.78	110.85	68.15	32.71	20.80	10.19	3.92	428.34
19	6.96	7.83	17.53	53.59	56.17	54.62	70.03	66.28	35.79	19.97	9.89	3.92	402.60
20	6.11	8.41	13.25	53.59	83.88	58.24	93.59	57.72	42.06	19.56	9.59	3.92	449.93
21	5.83	8.41	11.86	38.02	62.55	49.00	131.55	53.08	29.67	19.16	9.59	3.66	422.39
22	6.96	8.41	10.49	35.35	50.53	94.35	105.73	46.61	30.10	18.75	9.00	3.40	419.68
23	11.52	7.54	10.19	46.15	43.42	227.31	115.22	45.70	32.28	21.21	8.70	3.40	572.64
24	7.54	6.39	10.19	35.79	41.16	106.50	87.60	47.53	39.36	18.34	8.41	3.14	411.95
25	6.39	6.11	10.83	30.10	38.91	205.48	75.08	43.42	84.62	33.15	8.12	3.14	545.36
26	5.83	8.12	17.94	31.40	40.26	390.05	83.88	108.24	65.03	27.52	7.83	3.14	789.22
27	5.83	15.37	19.56	32.71	40.71	296.74	87.60	76.35	35.79	22.87	7.54	2.88	643.96
28	6.11	19.97	23.71	27.09	35.35	157.90	124.03	68.15	30.97	19.56	7.25	2.88	522.98
29	5.55	26.24	21.21	24.97	34.91	95.10	113.47	93.59	28.81	17.94	6.96	2.88	471.63
30	5.55	24.13	30.10	27.52	34.91	86.85	83.88	99.64	28.38	17.17		3.40	441.52
31		21.62		45.70	37.13		57.72		24.97	16.45		5.83	209.41
Total	201.50	347.24	514.42	1528.09	1885.22	3890.15	2980.75	2099.79	1410.82	735.87	321.66	147.39	16062.91
Mean	6.72	11.20	17.15	49.29	60.81	129.67	96.15	69.99	45.51	23.74	11.09	4.75	526.08
Max	13.25	31.40	42.96	296.74	375.57	390.05	239.19	125.90	87.60	36.68	15.37	6.96	390.05
Min	5.28	4.73	9.89	16.45	24.55	44.78	57.20	43.42	24.97	16.45	6.96	2.88	2.88

Stop - Program terminated.