

WATER YEAR 2024													
UPPER PENINSULA EAST COAST													
Khlung I Pan at Ban Mai, Surat Thani (X.258)													
Location	Lat.08 ^o - 32' - 53" N., Long.99 ^o - 06' - 36" E., Amphoe Prasang , Surat Thani												
Drainage Area	1043.87 sq. km.												
Method of Sampling	Depth Integrating												
Instrument Used	US DH - 48												
Period of Available Records	2019 - Cont' d												
Actual Measurement	2019 - Cont' d												
Using Rating Curve Water Year	2024												
Number of observation	23												
R - Square	0.7216												
Remarks	Continued Sediment Station												
QS = 3.5601QW ^{1.451}													
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	96.22	29.55	58.08	341.02	118.54	96.22	797.12	328.30	476.14	172.43	63.70	56.25	2633.58
2	79.44	42.24	56.25	152.11	100.57	91.93	624.45	515.67	406.83	157.12	59.94	50.85	2337.40
3	35.72	25.17	69.48	79.44	96.22	380.08	605.23	751.71	353.90	147.16	58.08	45.62	2647.82
4	26.61	22.38	50.85	71.44	152.11	267.01	834.88	1418.12	288.01	139.83	54.43	42.24	3367.91
5	26.61	19.69	34.15	89.81	337.83	306.40	601.41	2442.12	243.62	137.41	52.63	40.58	4332.27
6	29.55	18.38	29.55	162.17	201.61	267.01	545.03	2545.04	232.18	144.70	52.63	35.72	4263.59
7	23.76	18.38	25.17	85.62	154.61	533.96	615.71	2294.11	275.95	147.16	50.85	35.72	4261.01
8	21.02	17.11	22.38	81.48	261.10	1030.09	1468.22	2247.97	218.12	130.23	49.09	37.32	5584.13
9	18.38	19.69	21.02	75.41	104.98	727.30	2840.94	1810.21	193.51	120.85	49.09	40.58	6021.95
10	17.11	50.85	21.02	149.63	91.93	322.00	3266.60	1051.21	215.34	127.87	49.09	38.94	5401.58
11	17.11	28.07	32.59	204.34	180.25	204.34	2527.13	628.31	297.16	111.70	47.35	37.32	4315.66
12	14.72	32.59	65.61	322.00	144.70	139.83	2582.97	437.60	209.82	107.20	45.62	54.43	4157.10
13	14.72	73.41	59.94	240.74	79.44	132.61	2527.13	383.39	215.34	107.20	45.62	43.92	3923.48
14	14.72	56.25	35.72	243.62	67.53	204.34	1560.76	328.30	1014.49	104.98	42.24	77.42	3750.37
15	14.72	31.06	28.07	390.05	56.25	326.20	1086.50	275.95	1512.07	100.57	45.62	50.85	3917.90
16	13.61	169.85	23.76	249.40	54.43	935.56	834.32	255.23	2133.90	96.22	45.62	38.94	4850.85
17	12.53	249.40	22.38	350.66	52.63	1433.10	612.13	303.31	2641.21	111.70	65.61	35.72	5890.38
18	12.53	267.01	22.38	809.65	152.11	1816.66	797.40	390.05	1875.06	104.98	65.61	40.58	6354.01
19	11.47	94.07	22.38	393.39	353.90	2115.07	1147.56	380.08	1153.47	98.39	67.53	37.32	5874.62
20	11.47	61.81	31.06	175.02	83.54	2205.93	792.68	246.51	843.35	94.07	52.63	40.58	4638.65
21	157.12	132.61	29.55	135.00	59.94	2775.22	482.78	243.62	703.13	89.81	49.09	56.25	4914.13
22	275.95	703.13	58.08	152.11	77.42	3782.13	667.36	252.31	597.60	87.71	45.62	49.09	6748.52
23	102.76	926.53	180.25	111.70	65.61	4287.68	465.53	373.48	504.79	85.62	104.98	37.32	7246.23
24	42.24	207.07	501.18	89.81	52.63	3561.60	390.05	430.70	413.61	79.44	73.41	35.72	5877.47
25	31.06	94.07	1099.05	79.44	50.85	2387.26	413.61	309.50	318.86	79.44	94.07	32.59	4989.81
26	26.61	65.61	881.77	69.48	111.70	2149.00	366.91	303.31	243.62	79.44	120.85	34.15	4452.45
27	49.09	54.43	182.88	65.61	312.61	2202.12	322.00	679.22	201.61	77.42	91.93	32.59	4271.51
28	29.55	42.24	109.44	69.48	537.64	2379.45	331.47	597.60	201.61	81.48	67.53	47.35	4494.85
29	45.62	35.72	113.96	249.40	537.64	1925.99	325.15	620.59	252.31	77.42		52.63	4236.44
30	40.58	32.59	207.07	370.19	243.62	1470.90	373.48	571.13	220.91	71.44		360.39	3962.30
31		50.85		209.82	135.00		328.30		196.20	67.53		137.41	1125.12
Total	1312.63	3671.82	4095.08	6269.05	5028.95	40456.99	31134.81	23414.67	18653.73	3338.50	1710.48	1756.38	140843.10 Ton
Mean	43.75	118.45	136.50	202.23	162.22	1348.57	1004.35	780.49	601.73	107.69	61.09	56.66	385.31
Max	275.95	926.53	1099.05	809.65	537.64	4287.68	3266.60	2545.04	2641.21	172.43	120.85	360.39	4287.68
Min	11.47	17.11	21.02	65.61	50.85	91.93	322.00	243.62	193.51	67.53	42.24	32.59	11.47
Stop - Program terminated.													

QS = 3.5601QW^{1.451}