WATER YEAR 2022

SOUTHERN PENINSULA EAST COAST

Khlong Kapong at Ban Tha na, Phang-nga (X.196)

Location	Lat. 08° - 42' - 03" N., Long. 98° - 24' - 42" E., Amphoe Kapong, Phang-nga
Drainage Area	131.13 sq. km.
Method of Sampling	Depth Integrating
Instrument Used	US.DH - 48
Period of Available Records	2003 - Cont' d
Actual Measurement	2003 - 2008, 2010 - Cont' d
Using Rating Curve Water Year	2022
Number of observation	25
R - Square	0.7286
Remarks	Continued Sediment Station

$QS = 4.9727\ QW^{0.1.0114}$

Water Year - 2022

Suspended Sediment, in Tons per Day, Water Year April 1, 2022 to March 31, 2023

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	26.60	18.93	308.40	80.82	187.53	119.06	227.66	73.56	14.60	11.55	7.49	4.47	1080.67
2	53.12	53.12	213.48	187.53	215.85	89.91	139.93	65.53	14.60	11.55	8.00	4.47	1057.06
3	35.59	91.99	169.20	106.55	162.92	80.82	104.47	57.77	12.05	11.55	8.50	4.47	845.89
4	17.65	79.00	129.49	308.40	125.31	296.29	104.47	53.12	10.53	11.04	7.49	4.47	1147.27
5	14.09	39.45	100.31	267.34	94.07	187.53	86.27	50.02	10.02	11.04	6.99	4.22	871.34
6	27.89	35.59	82.64	182.81	80.82	336.87	94.07	53.12	10.53	10.53	6.99	4.22	926.07
7	36.88	33.02	70.19	131.57	70.19	252.88	84.45	48.47	11.55	11.04	6.48	3.97	760.68
8	26.60	30.45	68.64	123.23	62.42	255.77	75.37	50.02	12.56	10.53	6.48	3.97	726.04
9	18.93	26.60	60.87	146.19	56.22	165.02	67.08	43.83	20.21	10.53	6.48	3.97	625.93
10	15.11	22.76	63.97	135.75	51.57	137.84	75.37	39.45	25.32	12.56	6.48	3.97	590.16
11	26.60	24.04	54.67	160.83	46.92	112.80	60.87	38.16	30.45	20.21	7.49	3.97	587.02
12	20.21	39.45	48.47	247.09	42.28	114.89	54.67	35.59	31.74	14.60	6.48	3.72	659.18
13	14.60	40.74	45.37	213.48	39.45	94.07	51.57	34.30	34.30	13.58	5.98	3.72	591.16
14	13.07	31.74	62.42	158.74	35.59	82.64	50.02	34.30	36.88	12.05	5.98	3.72	527.14
15	12.05	27.89	60.87	171.30	36.88	68.64	80.82	34.30	40.74	10.53	5.48	3.72	553.20
16	11.55	27.89	53.12	148.28	116.97	65.53	116.97	34.30	29.17	10.02	5.48	3.47	622.74
17	11.55	26.60	50.02	123.23	63.97	63.97	305.24	43.83	16.38	9.52	4.97	3.47	722.75
18	33.02	24.04	46.92	98.23	88.09	57.77	237.11	40.74	18.93	9.52	5.48	3.47	663.30
19	45.37	27.89	43.83	84.45	45.37	54.67	314.73	42.28	16.38	9.01	5.98	3.22	693.18
20	29.17	42.28	53.12	239.47	39.45	70.19	397.05	39.45	15.11	9.01	6.48	3.22	944.00
21	20.21	70.19	48.47	249.98	71.74	57.77	336.87	34.30	14.60	9.01	9.52	3.22	925.88
22	16.38	45.37	45.37	180.46	230.02	57.77	220.57	73.56	14.60	8.50	6.48	3.22	902.30
23	14.60	35.59	50.02	167.11	175.75	60.87	167.11	102.39	14.09	8.50	5.48	3.22	804.71
24	21.49	29.17	57.77	125.31	139.93	59.32	139.93	73.56	13.58	8.00	4.97	3.22	676.23
25	26.60	27.89	48.47	104.47	94.07	59.32	162.92	45.37	13.58	9.52	4.97	3.22	600.40
26	31.74	26.60	60.87	104.47	162.92	48.47	121.14	40.74	13.07	11.55	4.97	2.97	629.51
27	26.60	27.89	53.12	104.47	119.06	54.67	102.39	39.45	13.07	9.01	4.72	2.97	557.40
28	31.74	51.57	59.32	91.99	86.27	79.00	106.55	38.16	12.56	8.50	4.72	2.97	573.35
29	24.04	406.56	71.74	79.00	104.47	206.40	104.47	40.74	12.56	8.00		3.22	1061.21
30	20.21	432.21	88.09	67.08	116.97	222.93	89.91	22.76	12.05	8.00		3.47	1083.68
31		314.73		62.42	165.02		71.74		12.05	7.49		3.47	636.92
Total	723.25	2211.23	2369.22	4652.08	3128.07	3613.63	4351.79	1423.15	557.86	326.05	177.04	112.99	23646.37
Mean	24.11	71.33	78.97	150.07	100.91	120.45	140.38	47.44	18.00	10.52	6.32	3.64	64.78
Max	53.12	432.21	308.40	308.40	230.02	336.87	397.05	102.39	40.74	20.21	9.52	4.47	432.21
Min	11.55	18.93	43.83	62.42	35.59	48.47	50.02	22.76	10.02	7.49	4.72	2.97	2.97

Stop - Program terminated.