

WATER YEAR 2024

SOUTHERN PENINSULA EAST COAST

Khlong Rong Hat at Ban Chet Tho, Ranong (X.290A)

Location

Lat. 08° - 46' - 38" N., Long. 98° - 23' - 25" E., Amphoe Takua Pa, Phangnga

Drainage Area

9.89 sq. km.

Method of Sampling

Depth Integrating

Instrument Used

US.DH - 48

Period of Available Records

2021 - Cont' d

Actual Measurement

2021 - Cont' d

Using Rating Curve Water Year

2024

Number of observation

31

R - Square

0.8489

Remarks

Continued Sediment Station

QS =4.7211 QW^{1.0981}

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	1.21	1.03	3.19	3.95	6.62	10.11	10.11	7.59	4.46	4.21	2.94	1.73	57.13
2	0.72	1.03	3.19	3.70	6.30	14.22	10.66	6.94	4.21	3.95	2.94	1.73	59.58
3	0.90	0.90	2.21	3.44	5.98	17.22	10.66	6.30	4.21	3.95	2.94	1.54	60.24
4	0.90	0.72	1.87	3.44	6.30	18.74	11.78	5.98	4.21	3.95	2.94	1.54	62.36
5	0.90	0.72	1.73	11.78	6.30	19.51	11.78	5.98	3.95	3.95	2.69	1.54	70.82
6	0.90	1.35	1.54	6.30	5.35	18.74	10.11	5.66	3.95	3.95	2.69	1.35	61.88
7	0.90	1.87	1.35	5.03	5.03	23.36	9.00	5.66	3.95	3.70	2.69	1.35	63.90
8	0.90	1.87	1.21	4.46	4.72	15.72	8.45	5.35	3.95	3.70	2.45	1.21	53.98
9	0.90	1.87	2.21	4.21	5.35	13.48	9.00	5.35	3.95	3.70	2.45	1.21	53.66
10	0.90	1.73	16.47	3.95	5.98	11.78	8.45	5.03	3.70	3.44	2.45	1.21	65.09
11	0.90	1.35	14.97	3.95	6.62	10.66	9.55	5.03	3.70	3.44	2.45	1.21	63.83
12	0.90	1.03	5.66	7.59	5.66	11.78	9.00	4.72	4.21	3.44	2.21	1.21	57.41
13	0.90	1.87	4.46	13.48	5.03	14.22	8.45	4.72	6.62	3.44	2.21	1.21	66.62
14	0.90	1.87	3.95	12.91	5.35	22.59	7.59	4.72	26.49	3.44	2.21	1.03	93.04
15	0.72	1.35	3.19	11.78	5.03	25.71	7.26	4.72	12.91	3.19	2.21	1.03	79.10
16	0.59	1.35	2.94	21.81	6.30	21.81	6.94	4.46	13.48	3.19	2.06	0.90	85.83
17	0.59	2.94	5.35	34.39	6.62	16.47	6.62	4.46	9.00	3.19	2.06	0.90	92.58
18	0.59	1.87	3.95	20.27	9.00	17.22	7.26	4.46	7.26	3.19	2.06	0.90	78.04
19	0.46	1.54	5.66	12.91	13.48	27.28	8.45	4.21	6.62	3.19	2.06	0.90	86.76
20	0.72	1.35	6.30	9.55	13.48	27.28	8.45	4.21	6.30	3.19	2.06	0.90	83.78
21	0.90	1.73	10.66	7.91	10.66	26.49	7.59	6.94	5.66	3.19	2.45	0.72	84.89
22	0.90	1.54	15.72	6.94	8.45	26.49	6.94	6.30	5.35	3.19	2.45	0.72	84.98
23	0.90	2.69	9.55	7.26	5.66	21.81	6.62	5.35	5.35	3.19	2.06	0.72	71.16
24	0.72	2.21	14.97	7.91	5.03	18.74	6.62	5.03	5.03	3.19	3.19	0.72	73.36
25	0.90	1.73	17.22	7.26	6.30	15.72	6.62	5.35	4.72	2.94	3.44	0.72	72.91
26	0.90	1.54	10.11	7.91	6.62	14.97	6.94	6.30	4.72	2.94	2.45	0.59	65.97
27	0.90	1.35	6.94	7.91	9.55	12.91	7.91	5.35	4.46	2.94	2.21	0.59	63.02
28	1.03	1.21	5.66	7.59	13.48	12.91	6.94	5.03	4.72	2.94	1.87	0.59	63.97
29	1.21	1.21	4.72	7.59	13.48	11.22	6.94	4.72	4.72	3.19		0.59	59.59
30	1.03	1.21	4.21	10.11	10.11	10.66	6.62	4.46	4.46	3.19		0.46	56.52
31		1.87		7.59	7.91		6.62		4.21	2.94		0.46	31.59
Total	25.70	47.88	191.15	284.88	231.75	529.86	255.94	160.37	190.51	105.25	68.88	31.44	2123.59 Ton
Mean	0.86	1.54	6.37	9.19	7.48	17.66	8.26	5.35	6.15	3.40	2.46	1.01	5.81
Max	1.21	2.94	17.22	34.39	13.48	27.28	11.78	7.59	26.49	4.21	3.44	1.73	34.39
Min	0.46	0.72	1.21	3.44	4.72	10.11	6.62	4.21	3.70	2.94	1.87	0.46	0.46

Stop - Program terminated.