

WATER YEAR 2023
SOUTHERN PENINSULA EAST COAST

Khlong Lumphura at Ban Lumphura, Trang (X.110)

Location Lat 07° - 46' - 15" N., Long. 99° - 32' - 14" E., Ban Lumphura, Amphoe Mueang Trang
 Drainage Area 256.64 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 21
 R - Square 0.8452
 Remarks Continued Sediment Station

QS =4.2978QW^{1.1833}

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	11.52	11.52	26.82	305.29	53.33	50.56	74.56	112.45	605.69	93.74	39.51	22.03	1407.01
2	11.52	11.52	26.82	402.83	72.58	307.16	70.62	142.53	504.42	67.72	35.11	17.40	1670.24
3	5.07	11.52	26.82	79.57	82.53	121.19	74.56	144.81	400.68	74.56	28.45	16.64	1066.40
4	5.07	11.52	26.82	72.58	82.53	145.95	72.58	121.19	359.14	68.66	31.75	14.41	1012.21
5	5.07	11.52	18.93	65.78	62.84	163.22	70.62	128.99	316.55	75.59	29.27	12.95	961.31
6	5.07	11.52	18.93	62.84	53.33	117.87	71.64	122.30	295.96	69.68	30.10	14.41	873.63
7	5.07	11.52	18.93	60.00	53.33	83.58	69.68	148.24	259.98	64.77	27.64	10.87	813.58
8	5.07	18.93	26.82	53.33	53.33	70.62	73.61	122.30	220.71	63.77	29.27	12.95	750.70
9	5.07	21.25	26.82	53.33	44.07	58.09	80.53	115.66	229.54	57.10	24.41	8.84	724.72
10	5.07	29.27	26.82	44.07	44.07	63.77	153.97	130.11	216.51	44.07	22.82	10.87	791.43
11	5.07	35.11	26.82	44.07	35.11	61.92	80.53	165.55	229.54	66.71	23.61	10.17	784.20
12	5.07	35.11	26.82	44.07	35.11	57.10	80.53	157.43	246.21	63.77	27.64	9.53	788.38
13	5.07	26.82	26.82	44.07	35.11	45.90	92.67	134.61	220.71	69.68	26.82	10.17	738.46
14	5.07	26.82	26.82	35.11	26.82	52.43	485.33	108.25	216.51	48.63	23.61	7.55	1062.95
15	5.07	26.82	26.82	35.11	35.11	40.45	143.67	121.19	199.81	69.68	22.03	8.16	733.93
16	5.07	18.93	26.82	35.11	35.11	35.11	259.98	102.99	216.51	60.92	24.41	6.89	827.83
17	5.07	18.93	32.59	35.11	35.11	28.45	264.59	160.90	201.19	60.92	21.25	5.07	869.18
18	5.07	18.93	30.92	44.07	35.11	301.56	241.64	556.96	228.03	69.68	21.25	6.29	1559.51
19	5.07	18.93	29.27	44.07	35.11	142.53	208.13	241.64	244.68	63.77	24.41	4.50	1062.12
20	5.07	18.93	28.45	44.07	35.11	170.21	205.35	122.30	213.71	68.66	22.82	6.29	940.98
21	5.07	18.93	13.68	53.33	35.11	132.36	195.67	105.07	215.11	68.66	26.02	4.50	873.49
22	9.53	13.68	21.25	53.33	35.11	116.76	149.38	131.23	203.97	64.77	25.21	5.07	829.29
23	11.52	9.53	37.73	62.84	35.11	105.07	127.87	151.67	176.07	67.72	20.47	5.70	811.30
24	11.52	11.52	44.07	72.58	35.11	93.74	117.87	180.78	147.09	60.92	26.82	3.30	805.32
25	11.52	11.52	44.07	56.12	35.11	83.58	105.07	226.53	136.86	108.25	27.64	6.29	852.54
26	11.52	11.52	50.56	53.33	35.11	74.56	101.99	353.09	118.97	68.66	25.21	4.50	909.00
27	11.52	11.52	53.33	44.07	35.11	72.58	109.25	369.25	105.07	40.45	19.70	3.30	875.14
28	5.07	11.52	44.07	44.07	35.11	78.53	101.99	243.16	98.84	43.20	23.61	3.30	732.47
29	11.52	18.93	44.07	44.07	35.11	78.53	98.84	432.90	100.91	45.90	21.25	2.21	934.23
30	11.52	21.25	44.07	44.07	35.11	74.56	96.78	674.90	88.59	40.45		3.89	1135.18
31		26.82		44.07	35.11		82.53		83.58	45.02		5.07	322.20
Total	214.58	562.08	923.63	2176.34	1330.90	3027.92	4162.02	6028.99	7101.15	1976.04	752.14	263.14	28518.93
Mean	7.15	18.13	30.79	70.20	42.93	100.93	134.26	200.97	229.07	63.74	25.94	8.49	932.60
Max	11.52	35.11	53.33	402.83	82.53	307.16	485.33	674.90	605.69	108.25	39.51	22.03	674.90
Min	5.07	9.53	13.68	35.11	26.82	28.45	69.68	102.99	83.58	40.45	19.70	2.21	2.21

Stop - Program terminated.