

WATER YEAR 2024													
SOUTHERN PENINSULA WEST COAST													
Khlong Langu at Ban Wang Pa Khian, Satun (X.150)													
Location	Lat.06° - 56' - 27" N., Long. 99° - 52' - 22" E.,Ban Wang Pa Khian, Amphoe Langu , Satun												
Drainage Area	516.50 sq. km.												
Method of Sampling	Depth Integrating												
Instrument Used	US DH - 48												
Period of Available Records	1998 - Cont' d												
Actual Measurement	1998 - Cont' d												
Using Rating Curve Water Year	2024												
Number of observation	21												
R - Square	0.727												
Remarks	Continued Sediment Station												
QS = 4.4304 QW ^{1.1626}													
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	19.64	15.89	46.11	67.43	28.44	154.33	258.15	193.91	1686.29	93.68	50.43	50.43	2664.72
2	19.64	14.97	37.65	40.79	50.43	122.66	252.70	173.10	890.13	87.40	46.11	46.11	1781.68
3	19.64	16.82	52.60	32.49	68.94	379.81	223.92	169.66	714.33	82.73	42.91	42.91	1846.77
4	18.69	20.60	37.65	26.45	71.97	411.18	526.31	206.19	442.89	78.09	40.79	40.79	1921.62
5	18.69	20.60	24.48	31.47	71.97	209.72	708.05	272.76	365.45	75.02	38.69	38.69	1875.59
6	17.75	22.53	19.64	45.04	71.97	185.20	945.51	270.92	322.85	73.50	41.85	41.85	2058.60
7	17.75	22.53	16.82	39.74	71.97	206.19	517.28	250.89	267.26	70.45	39.74	39.74	1560.36
8	16.82	39.74	13.15	45.04	71.97	183.46	642.51	162.82	238.25	67.43	37.65	37.65	1556.49
9	15.89	21.56	12.26	41.85	71.97	186.93	899.86	147.58	216.81	65.92	52.60	52.60	1785.84
10	14.97	18.69	12.26	42.91	71.97	159.42	460.10	132.55	204.43	62.93	45.04	129.24	1354.52
11	14.97	20.60	11.37	33.51	79.63	119.39	320.50	129.24	188.67	61.44	45.04	54.79	1079.17
12	13.15	22.53	11.37	51.51	67.43	101.62	313.48	152.64	173.10	65.92	43.97	49.34	1066.07
13	12.26	17.75	11.37	59.95	78.09	469.98	344.06	413.61	162.82	76.56	42.91	45.04	1734.40
14	11.37	12.26	10.50	43.97	50.43	958.61	287.47	199.16	173.10	68.94	42.91	40.79	1899.51
15	10.50	10.50	9.63	42.91	174.82	1757.44	526.31	204.43	162.82	62.93	42.91	38.69	3043.88
16	9.63	21.56	10.50	36.61	116.13	2585.97	608.54	496.29	164.53	227.49	42.91	37.65	4357.80
17	8.77	81.18	12.26	156.02	70.45	2798.04	304.16	186.93	193.91	348.79	41.85	37.65	4240.02
18	7.93	42.91	14.06	171.38	57.00	2753.67	304.16	139.20	167.95	166.24	40.79	36.61	3901.89
19	7.10	40.79	13.15	67.43	134.21	2665.22	278.26	116.13	144.22	127.59	40.79	36.61	3671.51
20	9.63	33.51	25.46	46.11	101.62	2114.18	216.81	103.22	130.89	109.65	40.79	36.61	2968.49
21	18.69	46.11	25.46	40.79	76.56	1795.56	181.73	109.65	122.66	95.26	38.69	36.61	2587.77
22	19.64	38.69	101.62	43.97	52.60	1332.49	157.72	197.41	114.50	85.84	38.69	36.61	2219.79
23	19.64	33.51	87.40	35.57	117.76	608.54	139.20	186.93	112.88	79.63	37.65	35.57	1494.30
24	14.97	36.61	65.92	29.45	580.94	370.23	130.89	149.26	106.43	75.02	46.11	35.57	1641.41
25	13.15	24.48	100.03	25.46	200.91	315.82	149.26	188.67	100.03	79.63	127.59	35.57	1360.62
26	13.15	12.26	75.02	24.48	278.26	341.69	139.20	209.72	95.26	71.97	159.42	35.57	1456.02
27	15.89	15.89	40.79	24.48	396.66	532.34	396.66	711.19	93.68	70.45	73.50	37.65	2409.18
28	17.75	57.00	32.49	24.48	1757.44	408.76	1024.48	1341.64	101.62	78.09	55.89	36.61	4936.25
29	18.69	39.74	53.70	24.48	1667.38	265.44	547.46	1999.90	103.22	65.92		35.57	4821.52
30	20.60	42.91	164.53	24.48	384.61	241.85	411.18	2342.84	150.95	62.93		40.79	3887.67
31		48.26		24.48	192.16		247.27		109.65	58.47		36.61	716.89
Total	457.02	912.96	1149.27	1444.73	7286.72	24735.73	12463.17	11558.45	8221.59	2895.95	1438.23	1336.55	73900.36 Ton
Mean	15.23	29.45	38.31	46.60	235.06	824.52	402.04	385.28	265.21	93.42	51.37	43.11	202.47
Max	20.60	81.18	164.53	171.38	1757.44	2798.04	1024.48	2342.84	1686.29	348.79	159.42	129.24	2798.04
Min	7.10	10.50	9.63	24.48	28.44	101.62	130.89	103.22	93.68	58.47	37.65	35.57	7.10
Stop - Program terminated.													

QS = 4.4304 QW^{1.1626}