

**WATER YEAR 2023**  
**SOUTHERN PENINSULA WEST COAST**

Khlong Langu at Ban Wang Pa Khian, Satun ( X.150 )

Location	Lat06° - 56' - 27" N., Long. 99° - 52" 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	2023
Number of observation	23
R - Square	0.8234
Remarks	Continued Sediment Station

QS = 3.7906 QW<sup>1.1916</sup>

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	26.41	22.75	47.87	1099.98	819.73	615.21	293.73	186.10	548.25	150.78	61.39	31.11	3903.31
2	26.41	21.85	43.83	2354.06	705.29	2293.21	233.45	240.03	476.67	132.99	59.28	30.16	6617.22
3	33.98	55.08	33.02	1022.86	248.86	2567.73	211.71	339.73	419.18	121.86	57.17	29.22	5140.40
4	31.11	37.87	31.11	150.78	139.42	1808.81	194.58	551.26	312.00	114.01	56.13	29.22	3456.28
5	31.11	27.34	29.22	94.39	108.18	1556.09	218.20	714.72	253.29	108.18	55.08	29.22	3225.01
6	33.98	23.66	42.82	76.51	88.74	2030.08	470.78	248.86	216.03	103.55	53.01	28.28	3416.30
7	45.84	22.75	84.26	64.59	83.14	1167.19	242.23	182.30	183.99	107.02	51.97	27.34	2262.64
8	37.87	23.66	66.73	89.87	149.15	427.57	170.58	162.28	172.24	131.39	50.94	27.34	1509.62
9	28.28	20.96	43.83	233.45	381.63	386.95	144.27	150.78	154.05	104.70	48.89	26.41	1724.19
10	26.41	38.85	38.85	111.67	172.24	702.15	144.27	173.91	142.65	96.67	48.89	25.49	1722.07
11	24.57	37.87	38.85	178.94	131.39	1275.22	183.99	389.61	131.39	90.99	47.87	25.49	2556.18
12	25.49	25.49	53.01	117.53	111.67	633.68	273.39	363.12	123.44	86.49	46.85	25.49	1885.67
13	23.66	21.85	41.82	77.61	110.51	325.82	307.41	286.92	115.18	83.14	46.85	24.57	1465.36
14	23.66	20.07	64.59	100.10	602.94	244.44	291.46	642.95	142.65	79.82	43.83	24.57	2281.07
15	22.75	19.19	44.83	78.71	2036.28	222.54	332.76	280.14	275.64	76.51	37.87	23.66	3450.88
16	23.66	20.07	33.02	53.01	1937.39	175.59	813.30	282.40	473.73	75.41	37.87	23.66	3949.10
17	23.66	18.31	30.16	47.87	1560.85	180.62	381.63	416.39	200.97	74.32	41.82	22.75	2999.36
18	24.57	19.19	35.92	44.83	503.32	170.58	244.44	271.14	145.89	72.14	39.84	21.85	1593.71
19	33.02	19.19	41.82	172.24	237.83	323.51	209.56	262.19	126.61	69.96	39.84	20.96	1556.73
20	27.34	21.85	31.11	923.67	612.14	371.04	163.93	277.89	198.84	67.80	36.89	20.07	2752.57
21	23.66	23.66	27.34	235.64	618.28	216.03	175.59	194.58	142.65	65.66	35.92	20.07	1779.07
22	23.66	27.34	24.57	218.20	255.51	264.43	240.03	172.24	117.53	64.59	37.87	20.07	1466.04
23	34.94	27.34	21.85	213.87	180.62	771.71	413.70	200.97	111.67	66.73	35.92	20.07	2099.40
24	36.89	20.96	21.85	139.42	144.27	1032.87	186.10	312.00	110.51	63.52	33.02	19.19	2120.58
25	29.22	20.07	20.96	96.67	117.53	1419.22	246.65	186.10	386.95	77.61	33.02	19.19	2653.17
26	23.66	17.44	20.96	80.92	129.79	1699.76	358.42	630.60	969.76	240.03	32.06	18.31	4221.71
27	21.85	22.75	21.85	79.82	158.98	1784.48	300.56	976.37	470.78	121.86	33.02	18.31	4010.64
28	22.75	38.85	27.34	68.88	114.01	1312.14	173.91	438.79	242.23	85.38	32.06	17.44	2573.80
29	20.96	58.22	55.08	61.39	129.79	642.95	251.07	323.51	216.03	73.23	32.06	17.44	1881.74
30	22.75	46.85	55.08	56.13	145.89	384.29	353.73	758.98	218.20	67.80		17.44	2127.16
31		49.92		575.49	131.39		235.64		178.94	64.59		17.44	1253.40
Total	834.16	871.30	1173.56	8919.09	12866.77	27005.86	8461.05	10616.87	7977.94	2938.72	1267.23	721.85	83654.41
Mean	27.81	28.11	39.12	287.71	415.06	900.20	272.94	353.90	257.35	94.80	43.70	23.29	2743.96
Max	45.84	58.22	84.26	2354.06	2036.28	2567.73	813.30	976.37	969.76	240.03	61.39	31.11	2567.73
Min	20.96	17.44	20.96	44.83	83.14	170.58	144.27	150.78	110.51	63.52	32.06	17.44	17.44

Stop - Program terminated.