

WATER YEAR 2022
SOUTHERN PENINSULA WEST COAST

Khlung 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	2022
Number of observation	23
R - Square	0.8606
Remarks	Continued Sediment Station

QS = 0.725 QW^{1.5971}

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	458.77	43.59	959.91	374.77	289.09	430.07	3120.60	731.45	165.75	133.92	54.79	16.97	6779.67
2	311.12	44.67	2645.99	286.38	663.51	601.65	1525.13	601.65	170.18	121.90	49.07	17.73	7038.99
3	417.53	40.42	4445.37	195.34	426.92	214.44	525.01	566.33	186.04	110.32	46.85	16.97	7191.54
4	545.52	88.48	2203.60	121.90	224.24	1335.59	308.34	395.94	449.13	102.84	54.79	15.49	5845.84
5	207.20	54.79	501.45	254.60	93.77	801.83	311.12	414.42	414.42	97.36	44.67	14.76	3210.40
6	127.86	99.17	414.42	119.94	77.25	202.42	528.40	3160.35	231.69	88.48	41.47	12.68	5104.14
7	202.42	95.56	904.37	88.48	167.96	142.15	975.27	2278.35	209.60	90.23	40.42	12.01	5206.83
8	110.32	167.96	478.29	70.72	81.26	140.08	1567.83	1329.82	181.46	93.77	37.35	11.36	4270.21
9	74.61	498.11	302.79	61.95	75.92	102.84	985.56	616.00	398.99	106.55	35.34	10.72	3269.40
10	79.92	200.05	219.32	69.44	57.14	75.92	501.45	402.06	445.93	82.62	34.36	10.09	2178.30
11	58.33	93.77	267.67	59.53	47.96	64.41	278.31	402.06	328.04	95.56	32.42	10.09	1738.14
12	68.17	283.68	179.18	64.41	41.47	93.77	214.44	383.79	272.97	90.23	29.59	8.88	1730.58
13	50.19	114.13	123.88	110.32	36.34	270.32	239.24	402.06	241.77	101.00	27.76	8.88	1725.89
14	57.14	69.44	99.17	102.84	35.34	188.35	1387.94	548.97	204.81	148.45	26.86	7.73	2877.05
15	57.14	60.73	97.36	102.84	212.02	114.13	924.42	1411.45	193.00	123.88	25.10	7.17	3329.24
16	41.47	159.18	97.36	291.81	345.29	97.36	825.83	985.56	207.20	93.77	24.23	7.17	3176.23
17	45.75	395.94	176.91	167.96	528.40	81.26	1656.65	1238.76	157.01	68.17	24.23	6.64	4547.69
18	181.46	123.88	475.02	112.22	219.32	78.58	2911.77	939.57	650.23	60.73	24.23	6.11	5783.11
19	53.62	70.72	426.92	69.44	129.86	112.22	7014.10	538.65	5638.11	58.33	23.38	6.11	14141.47
20	57.14	52.47	200.05	57.14	91.99	64.41	6398.31	330.89	6460.67	57.14	22.53	6.11	13798.87
21	42.53	57.14	172.42	50.19	108.43	75.92	3446.60	259.80	3832.98	129.86	22.53	5.61	8204.02
22	33.38	47.96	104.69	44.67	239.24	106.55	1112.15	445.93	1399.68	97.36	21.70	5.61	3658.92
23	26.86	44.67	85.36	44.67	119.94	188.35	521.62	471.75	587.43	148.45	20.08	6.11	2265.29
24	23.38	34.36	333.75	53.62	86.74	348.20	411.32	2335.03	420.65	110.32	17.73	6.11	4181.21
25	23.38	28.67	302.79	121.90	119.94	146.34	395.94	2129.78	330.89	104.69	17.73	6.64	3728.69
26	25.10	25.97	133.92	221.77	82.62	97.36	869.68	616.00	272.97	85.36	16.97	6.11	2453.83
27	63.18	24.23	95.56	91.99	64.41	70.72	3186.96	342.39	236.71	68.17	16.22	5.12	4265.67
28	28.67	27.76	74.61	83.98	74.61	1112.15	2670.89	259.80	207.20	63.18	15.49	4.65	4622.99
29	25.10	138.01	65.66	70.72	54.79	2695.88	1074.64	229.20	183.74	57.14		4.65	4599.52
30	25.10	552.42	99.17	50.19	53.62	2584.12	402.06	188.35	163.55	74.61		4.19	4197.39
31		645.82		44.67	146.34		354.04		146.34	68.17		4.19	1409.58
Total	3522.35	4383.76	16686.95	3660.43	4995.76	12637.41	46645.61	24956.18	24989.16	2932.55	847.87	272.65	146530.70
Mean	117.41	141.41	556.23	118.08	161.15	421.25	1504.70	831.87	806.10	94.60	30.28	8.80	401.45
Max	545.52	645.82	4445.37	374.77	663.51	2695.88	7014.10	3160.35	6460.67	148.45	54.79	17.73	7014.10
Min	23.38	24.23	65.66	44.67	35.34	64.41	214.44	188.35	146.34	57.14	15.49	4.19	4.19

Stop - Program terminated.