

WATER YEAR 2023
SOUTHERN PENINSULA EAST COAST

Khlong La-un at Ban La-un Tai, Ranong (X.205)

Location Lat 10° - 06' - 33" N., Long. 99° - 45' - 46" E., Amphoe Laun, Ranong
 Drainage Area 229.29 sq. km.
 Method of Sampling Depth Integrating
 Instrument Used US.DH - 48
 Period of Available Records 2003 - Cont' d
 Actual Measurement 2003 - 2008, 2021 - Cont' d
 Using Rating Curve Water Year 2023
 Number of observation 23
 R - Square 0.8701
 Remarks Continued Sediment Station

QS =4.9409 QW^{1.3505}

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	59.34	75.09	59.34	113.74	44.60	468.59	44.60	359.20	67.09	44.60	377.58	24.78	1738.56
2	59.34	65.13	59.34	113.74	42.84	2657.90	44.60	359.20	67.09	44.60	44.60	24.78	3583.16
3	122.87	271.01	59.34	113.74	44.60	4245.28	39.37	359.20	359.20	44.60	44.60	24.78	5728.59
4	129.06	288.12	396.21	113.74	122.87	6513.64	39.37	57.44	359.20	42.84	44.60	24.78	8131.86
5	148.07	415.06	59.34	113.74	365.30	3842.04	39.37	65.13	69.07	377.58	44.60	39.37	5578.68
6	171.09	566.73	59.34	113.74	77.12	1545.09	44.60	44.60	184.61	377.58	44.60	91.75	3320.87
7	237.61	135.32	59.34	29.45	44.60	371.43	44.60	44.60	42.84	44.60	44.60	85.40	1184.41
8	122.87	151.31	486.07	26.31	41.10	371.43	44.60	44.60	57.44	377.58	29.45	144.86	1897.61
9	219.56	154.56	774.09	34.32	198.41	389.97	44.60	44.60	359.20	377.58	42.84	164.42	2804.16
10	232.16	148.07	759.26	26.31	44.60	271.01	44.60	44.60	365.30	365.30	42.84	194.93	2539.00
11	201.89	101.86	615.23	48.18	151.31	271.01	44.60	39.37	61.25	359.20	365.30	198.41	2457.62
12	101.86	167.75	59.34	48.18	223.14	237.61	44.60	44.60	61.25	466.42	42.84	288.12	1785.73
13	91.75	138.48	59.34	42.84	44.60	259.75	46.39	44.60	61.25	365.30	42.84	125.95	1323.10
14	141.66	89.62	59.34	37.67	282.39	243.10	44.60	1026.29	44.60	365.30	44.60	122.87	2502.04
15	116.76	237.61	67.09	359.20	271.01	259.75	44.60	101.86	44.60	365.30	44.60	75.09	1987.49
16	55.55	408.75	65.13	353.12	1200.46	259.75	41.10	44.60	44.60	365.30	402.46	24.78	3265.61
17	91.75	219.56	59.34	601.27	587.39	259.75	41.10	1178.30	48.18	42.84	359.20	191.48	3680.17
18	67.09	237.61	434.14	5597.10	57.44	237.61	365.30	1743.86	129.06	42.84	347.07	24.78	9283.89
19	223.14	198.41	59.34	1352.75	700.71	237.61	402.46	446.98	135.32	42.84	63.18	171.09	4033.82
20	167.75	288.12	282.39	462.08	408.75	237.61	440.54	359.20	50.00	42.84	39.37	311.36	3090.02
21	201.89	237.61	212.45	1474.38	505.93	101.86	440.54	57.44	50.00	37.67	44.60	243.10	3607.48
22	243.10	293.89	282.39	472.95	941.93	101.86	359.20	59.34	48.18	32.67	44.60	167.75	3047.85
23	237.61	184.61	282.39	377.58	205.40	63.18	359.20	101.86	46.39	24.78	37.67	194.93	2115.60
24	144.86	154.56	59.34	243.10	77.12	59.34	359.20	46.39	42.84	44.60	39.37	164.42	1435.13
25	288.12	212.45	276.68	359.20	317.24	63.18	359.20	44.60	44.60	377.58	359.20	129.06	2831.12
26	201.89	271.01	107.76	365.30	174.44	63.18	492.67	44.60	44.60	377.58	91.75	98.95	2333.75
27	59.34	184.61	107.76	657.61	161.12	2120.59	466.42	2805.66	44.60	377.58	41.10	101.86	7128.26
28	219.56	271.01	96.05	383.77	212.45	2875.09	63.18	2668.14	39.37	41.10	39.37	104.80	7013.89
29	59.34	365.30	93.90	408.75	171.09	1290.13	63.18	1347.02	26.31	41.10	39.37	110.74	4016.23
30	138.48	371.43	67.09	371.43	208.92	1134.32	57.44	973.34	31.05	44.60		101.86	3499.95
31		293.89		396.21	317.24		63.18		31.05	44.60		119.81	1265.98
Total	4555.37	7198.55	6118.10	15211.49	8246.13	31052.67	5029.06	14601.24	3060.17	5998.95	3248.87	3891.05	108211.65
Mean	151.85	232.21	203.94	490.69	266.00	1035.09	162.23	486.71	98.72	193.51	112.03	125.52	3558.49
Max	288.12	566.73	774.09	5597.10	1200.46	6513.64	492.67	2805.66	365.30	466.42	402.46	311.36	6513.64
Min	55.55	65.13	59.34	26.31	41.10	59.34	39.37	39.37	26.31	24.78	29.45	24.78	24.78

Stop - Program terminated.