

**WATER YEAR 2022**

**THALE SAP SONGKHLA BASIN**

Khlung U-Taphao at Ban Bang Sala, Songkhla ( X.90 )

Location Lat.06° - 55' - 39" N., Long.100° - 26' - 37" E., Amphoe Khlung Hoi Khong , Song Khla

Drainage Area 1534.31 sq.km.

Method of Sampling Depth Integrating

Instrument Used US DH - 48

Period of Available Records 1983 - Cont' d

Actual Measurement 1983 - 1995 , 2000 - 2001 , 2005 - Cont' d

Using Rating Curve Water Year 2022

Number of observation 28

R - Square 0.7968

Remarks Continued Sediment Station

QS = 1.4419 QW1.4687

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	301.41	261.54	228.83	261.54	313.14	343.05	349.14	731.57	284.10	50.77	48.80	104.72	3278.61
2	325.00	223.51	182.46	187.45	192.48	553.81	386.37	731.57	343.05	71.74	80.76	147.88	3426.08
3	525.75	267.12	284.10	295.61	182.46	418.31	437.85	794.24	640.72	42.43	47.50	60.97	3997.06
4	484.54	177.52	234.18	213.00	272.74	313.14	330.98	762.70	874.84	32.84	102.24	30.01	3828.74
5	367.61	213.00	228.83	187.45	250.48	158.20	267.12	663.07	1000.31	29.45	102.24	60.97	3528.72
6	361.42	444.43	611.30	278.40	239.57	228.83	255.99	2291.09	770.55	25.66	52.76	120.02	5680.02
7	307.26	568.01	1443.59	153.48	234.18	182.46	373.83	2959.74	424.79	47.50	52.76	174.58	6922.19
8	228.83	424.79	1432.08	261.54	289.84	126.15	582.33	2660.51	685.67	284.10	46.22	215.09	7237.13
9	197.54	604.02	883.04	245.01	218.24	202.66	457.68	2171.93	5016.33	289.84	41.19	117.42	10444.89
10	177.52	1132.79	762.70	158.20	167.77	88.52	405.44	1352.35	7144.95	178.51	87.74	58.88	11715.37
11	177.52	2264.44	648.14	213.00	167.77	202.66	491.34	1219.12	6233.62	76.21	122.63	80.76	11897.21
12	158.20	1826.91	491.34	92.49	130.58	121.76	343.05	1655.68	4857.11	69.54	135.97	109.75	9992.39
13	162.96	991.78	471.05	239.57	202.66	218.24	411.86	2029.07	3061.72	63.08	92.49	85.39	8029.86
14	399.05	457.68	424.79	218.24	121.76	239.57	424.79	2304.46	2016.24	107.22	28.35	27.26	6769.42
15	444.43	295.61	464.35	261.54	313.14	153.48	431.30	3381.75	1329.84	107.22	29.45	15.78	7227.89
16	444.43	197.54	295.61	261.54	399.05	289.84	218.24	4000.77	858.52	141.43	32.27	28.35	7167.58
17	477.78	255.99	301.41	177.52	313.14	130.58	261.54	3032.47	747.09	112.29	32.84	36.34	5878.99
18	355.26	284.10	202.66	135.07	228.83	239.57	457.68	2494.15	2590.78	35.16	25.66	29.45	7078.37
19	272.74	213.00	261.54	223.51	234.18	162.96	625.96	1631.66	10565.39	33.42	14.88	26.72	14265.96
20	187.45	172.63	307.26	92.49	207.81	234.18	604.02	1432.08	9774.11	35.16	13.56	24.08	13084.83
21	182.46	223.51	255.99	162.96	135.07	153.48	505.01	1329.84	7357.10	44.94	24.60	29.45	10404.42
22	126.15	121.76	172.63	182.46	139.60	250.48	802.19	916.07	5621.85	87.74	25.66	76.21	8522.77
23	177.52	108.90	177.52	177.52	108.90	148.81	794.24	648.14	2873.21	78.47	47.50	147.88	5488.63
24	139.60	148.81	223.51	319.05	234.18	239.57	802.19	866.67	1631.66	39.96	87.74	166.81	4899.73
25	167.77	158.20	284.10	313.14	213.00	272.74	648.14	625.96	1132.79	34.58	97.32	170.68	4118.42
26	153.48	135.07	197.54	255.99	144.18	192.48	444.43	484.54	810.16	30.01	37.54	186.45	3071.86
27	284.10	148.81	153.48	207.81	177.52	250.48	1241.02	546.75	685.67	50.77	21.02	133.27	3900.69
28	464.35	126.15	411.86	278.40	255.99	167.77	1274.10	386.37	633.32	38.74	35.16	50.77	4122.99
29	319.05	213.00	289.84	361.42	267.12	144.18	1104.46	373.83	457.68	32.27	32.27	32.27	3595.11
30	207.81	284.10	202.66	234.18	202.66	245.01	883.04	325.00	464.35	26.72	34.00	3109.51	3109.51
31		295.61		250.48	228.83		802.19		373.83	21.02	33.42	2005.37	2005.37
Total	8579.01	13240.31	12528.37	6900.04	6786.85	6672.95	17417.50	44803.19	81261.34	2318.79	1566.84	2615.62	204690.82
Mean	285.97	427.11	417.61	222.58	218.93	222.43	561.85	1493.44	2621.33	74.80	55.96	84.37	6686.39
Max	525.75	2264.44	1443.59	361.42	399.05	553.81	1274.10	4000.77	10565.39	289.84	135.97	215.09	10565.39
Min	126.15	108.90	153.48	92.49	108.90	88.52	218.24	325.00	284.10	21.02	13.56	15.78	13.56

Stop - Program Terminated.