WATER YEAR 2023

THALE SAP SONGKHLA BASIN

Khlong Wa at Ban Khong Wa , Songkla (X.174)

Location	Lat06^{o} - 59' - 12" N., Long. 100° - 28' - 55" E., Amphoe Hatyai, Songkla
Drainage Area	106.19
Method of Sampling	Depth Integrating
Instrument Used	US DH - 48
Period of Available Records	2003 - Cont' d
Actual Measurement	2003 - 2012 , 2017- Cont' d
Using Rating Curve Water Year	2023
Number of observation	30
R - Square	0.8798
Remarks	Continued Sediment Station

$QS = 6.1805\ QW^{1.1026}$

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	5.50	5.17	3.52	10.38	16.23	6.87	14.01	48.68	189.06	72.68	23.05	9.66	404.80
2	5.50	8.96	3.52	8.25	21.52	10.38	12.54	51.16	158.85	65.01	22.28	10.38	378.35
3	5.50	12.54	3.20	6.18	14.01	8.96	11.82	62.47	135.96	58.68	21.52	11.82	352.64
4	5.50	14.74	2.88	5.50	10.38	13.27	14.01	47.44	104.53	54.91	20.75	8.25	302.17
5	5.50	8.96	3.20	5.17	9.66	15.48	18.48	42.52	85.64	52.41	19.99	8.25	275.27
6	6.18	6.18	3.20	8.96	8.25	17.72	15.48	37.66	80.44	44.98	19.23	7.56	255.84
7	6.87	6.87	3.52	9.66	8.25	19.23	16.97	33.25	85.64	80.44	18.48	6.87	296.05
8	5.17	6.18	3.52	4.50	7.56	16.23	28.50	32.45	81.73	76.55	18.48	6.87	287.73
9	4.83	7.56	3.52	4.50	6.87	23.05	23.82	31.66	63.74	58.68	17.72	7.56	253.51
10	4.83	6.18	7.56	6.18	6.87	19.23	23.82	29.29	59.94	51.16	16.23	6.87	238.15
11	4.83	4.83	7.56	11.09	6.18	16.23	22.28	29.29	57.42	46.21	15.48	6.87	228.27
12	4.83	4.17	3.52	14.74	5.84	16.23	27.72	28.50	48.68	41.30	14.74	6.87	217.14
13	4.50	3.84	3.20	13.27	5.50	14.74	52.41	27.72	52.41	38.87	14.01	6.18	236.65
14	4.17	3.20	3.20	5.84	6.87	11.82	42.52	30.08	59.94	36.45	16.23	6.18	226.48
15	4.17	3.84	5.84	5.50	6.87	10.38	34.05	28.50	124.65	34.85	15.48	6.18	280.31
16	4.17	3.52	6.18	7.56	7.56	12.54	28.50	57.42	138.24	33.25	14.74	6.18	319.85
17	4.17	3.84	7.56	8.96	7.56	13.27	23.82	57.42	84.34	31.66	13.27	5.84	261.71
18	4.50	8.25	8.25	5.84	6.18	8.96	21.52	57.42	73.97	30.08	12.54	5.84	243.35
19	9.66	4.83	5.84	8.96	5.84	8.96	19.99	122.40	71.40	29.29	12.54	5.50	305.22
20	11.82	4.17	5.17	8.96	5.50	9.66	20.75	113.43	77.84	27.72	12.54	5.50	303.07
21	11.09	4.17	10.38	6.18	5.50	11.82	36.45	76.55	76.55	26.93	11.82	5.50	282.95
22	5.17	3.84	8.96	5.84	5.50	11.82	37.66	67.56	68.84	26.15	11.09	5.50	257.93
23	6.87	3.52	4.17	5.50	5.50	14.01	29.29	62.47	46.21	29.29	12.54	5.50	224.86
24	5.84	3.52	4.83	5.17	5.17	18.48	25.37	61.20	85.64	29.29	11.09	5.84	261.45
25	6.18	3.20	4.17	4.83	13.27	16.23	27.72	62.47	432.72	31.66	11.09	4.83	618.37
26	5.84	5.17	4.50	5.50	21.52	21.52	41.30	724.54	295.87	37.66	9.66	4.50	1177.58
27	6.18	5.17	7.56	7.56	11.09	23.05	40.08	376.41	161.15	30.87	9.66	4.50	683.29
28	5.84	9.66	6.18	5.84	11.09	23.05	54.91	168.09	118.81	28.50	9.66	4.17	445.81
29	5.17	4.17	4.83	5.17	8.25	17.72	44.98	212.61	108.09	27.72	9.66	4.50	452.87
30	6.18	3.84	5.17	5.17	8.25	15.48	37.66	411.52	93.95	26.15		4.17	617.54
31		3.84		6.18	6.87		33.25		81.73	24.60		4.50	160.97
Total	176.58	177.94	154.67	222.94	275.51	446.39	881.69	3192.16	3403.97	1283.97	435.63	198.74	10850.18
Mean	5.89	5.74	5.16	7.19	8.89	14.88	28.44	106.41	109.81	41.42	15.02	6.41	355.24
Max	11.82	14.74	10.38	14.74	21.52	23.05	54.91	724.54	432.72	80.44	23.05	11.82	724.54
Min	4.17	3.20	2.88	4.50	5.17	6.87	11.82	27.72	46.21	24.60	9.66	4.17	2.88

Stop - Program terminated.