

**WATER YEAR 2020**  
**SOUTHERN PENINSULA EAST COAST**

Khlung Sao Thong at Ban Sao Thong, Nakhon Si Thammarat ( X.167 )

Location Lat. 08° - 16' - 44" N. , Long. 99° - 54' - 30" E., Amphoe Ron Phibun, Nakhon Si Thammarat  
 Drainage Area 251.99 sq. km.  
 Method of Sampling Depth Integrating  
 Instrument Used US DH - 48  
 Period of Available Records 1998 - Cont'd  
 Actual Measurement 1998 - 2009 , 2012 - Cont'd  
 Using Rating Curve Water Year 2020  
 Number of observation 19  
 R - Square 0.7265  
 Remarks Continued Sediment Station

QS =2.2927 QW<sup>1.2546</sup>

Water Year - 2020

Suspended Sediment in Tons Per Day, Water Year April 1, 2020 to March 31, 2021

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	5.47	33.85	13.05	14.71	19.91	19.24	11.04	20.58	842.22	101.41	27.76	3.50	
2	5.47	25.87	23.08	13.46	24.93	19.24	11.04	21.25	876.69	110.80	27.76	3.50	
3	5.47	15.55	19.46	12.24	28.72	21.25	11.04	19.24	842.22	86.14	25.87	6.52	
4	5.47	11.04	12.24	12.24	28.72	19.24	11.04	19.24	823.19	72.85	22.62	16.84	
5	4.46	8.34	9.10	12.24	33.60	24.00	11.04	20.58	587.50	67.10	20.58	16.41	
6	2.01	6.52	6.88	12.24	20.58	46.97	11.04	19.91	356.18	153.32	15.98	15.13	
7	2.01	5.47	5.47	12.24	16.62	23.31	11.04	19.24	250.88	220.25	15.98	14.71	
8	2.58	2.88	9.48	12.24	14.71	19.24	20.58	19.24	201.96	257.16	15.34	14.29	
9	5.47	2.01	6.52	45.91	14.71	20.58	12.85	45.91	172.10	180.78	14.71	14.29	
10	10.25	2.01	1.21	28.72	15.34	30.66	11.64	32.62	144.93	196.62	14.71	13.88	
11	8.72	2.01	1.21	15.34	14.08	23.31	12.85	20.58	123.58	139.94	14.71	12.24	
12	7.24	2.29	1.21	43.81	12.24	19.24	21.25	19.24	107.65	120.36	14.08	11.84	
13	12.24	4.13	0.96	14.71	11.64	21.93	36.61	31.63	120.36	98.31	13.46	13.05	
14	13.88	3.81	0.96	21.93	11.04	14.08	36.61	68.53	235.46	84.64	12.85	13.46	
15	18.58	8.34	0.96	15.34	11.04	11.04	78.70	112.38	168.65	72.85	12.85	13.05	
16	19.46	7.60	0.96	11.04	11.04	8.16	41.72	48.03	212.72	64.54	12.85	12.64	
17	19.91	6.52	0.96	11.04	17.27	26.81	40.69	30.66	225.93	58.93	12.24	12.24	
18	17.27	7.24	0.96	11.04	11.04	39.66	77.23	35.60	212.72	54.52	11.64	9.48	
19	15.55	5.13	0.96	101.41	11.04	27.76	50.18	77.23	193.08	51.25	8.72	7.24	
20	14.29	4.13	43.81	51.25	11.04	32.62	35.60	128.45	327.59	44.86	8.16	6.17	
21	15.98	3.81	12.24	128.45	11.04	24.00	29.69	136.64	237.38	42.76	7.06	7.97	
22	15.55	2.88	7.24	71.41	11.04	24.00	30.66	201.96	156.70	41.72	7.06	13.88	
23	14.29	3.19	6.52	95.24	11.04	43.81	35.60	139.94	120.36	39.66	7.06	13.88	
24	13.46	4.13	2.01	299.50	11.04	23.31	26.81	80.18	106.08	38.64	7.06	15.13	
25	13.05	2.58	16.62	99.86	22.62	19.24	36.61	58.93	179.04	35.60	12.85	18.14	
26	14.29	11.04	13.46	71.41	19.91	14.71	24.93	144.93	168.65	30.66	30.66	20.80	
27	19.02	8.34	13.46	45.91	19.24	11.64	24.00	740.54	248.94	27.76	2.01	17.70	
28	26.81	14.71	14.08	52.34	19.24	11.04	22.62	751.70	177.30	25.87	3.81	16.41	
29	28.72	13.88	14.08	40.69	19.24	9.87	27.76	434.68	130.08	24.93		15.55	
30	27.76	16.41	14.08	25.87	30.66	11.04	19.24	498.97	104.52	23.31		19.46	
31		11.04		20.58	19.91		19.24		98.31	21.93		22.16	
Total	384.76	256.78	273.24	1424.40	534.28	660.99	850.93	3998.62	8753.03	2589.49	400.42	411.56	20538.49
Mean	12.83	8.28	9.11	45.95	17.23	22.03	27.45	133.29	282.36	83.53	14.30	13.28	56.27
Max	28.72	33.85	43.81	299.50	33.60	46.97	78.70	751.70	876.69	257.16	30.66	22.16	876.69
Min	2.01	2.01	0.96	11.04	11.04	8.16	11.04	19.24	98.31	21.93	2.01	3.50	0.96

Stop - Program terminated.