

WATER YEAR 2018

WANG RIVER BASIN

Wang River at Ban Wang Man, Tak (W.4A)

Location Lat.17°- 12' - 22"N., Long.99°- 06' - 08"E., on right bank about 200 meters upstream from the bridge on highway , Amphoe Sam Ngao, Tak.

Drainage Area 9.934 sq.km.

Method of Sampling Depth Integrating

Instrument Used US.D - 49

Period of Available Records 1989 - 1992 , 1994 - Cont'd

Actual Measurement 1989 - 1992 , 1994 - Cont'd

Using Rating Curve Water Year 2018

Number of observation 16

R - Square 0.8824

Remarks Continued Sediment Station

$$QS = 0.1452QW^{1.9203}$$

WATER YEAR - 2018

SUSPENDED SEDIMENT, IN TONS PER DAY, WATER YEAR APRIL 1, 2018 TO MARCH 31, 2019

DATE	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	ANNUAL
1	1.20	109.44	784.39	355.17	2156.43	793.85	75.71	518.31	57.35	6.09	5.44	2.72	4866.1
2	2.95	78.53	784.39	348.74	1759.54	510.60	102.86	429.51	54.93	5.76	4.25	2.08	4084.2
3	14.01	52.56	450.96	179.60	980.97	361.64	112.80	311.39	47.97	9.25	3.70	2.95	2527.8
4	18.69	41.45	242.79	141.81	719.71	281.81	565.69	226.92	43.57	93.37	3.44	2.72	2382.0
5	59.83	59.83	153.90	123.17	590.13	237.44	3327.57	202.51	39.38	106.13	3.19	2.28	4905.4
6	119.67	264.75	90.30	96.49	388.12	221.74	3763.71	212.02	33.48	47.97	3.19	1.44	5242.9
7	72.94	573.78	70.22	106.13	281.81	188.67	1552.37	179.60	28.04	35.40	5.76	1.05	3095.8
8	45.74	756.35	62.35	153.90	253.65	193.20	640.48	158.09	31.62	26.33	6.09	0.98	2328.8
9	52.56	756.35	64.92	119.67	242.79	166.55	381.42	137.83	28.04	24.02	5.13	0.98	1980.2
10	162.26	394.88	45.74	106.13	232.15	119.67	270.38	119.67	26.33	24.02	4.25	0.91	1506.4
11	81.40	126.73	41.45	99.65	242.79	106.13	232.15	96.49	24.02	64.92	3.44	0.84	1120.0
12	47.97	112.80	39.38	162.26	348.74	106.13	207.19	84.32	24.02	72.94	2.95	0.78	1209.5
13	35.40	162.26	41.45	202.51	480.34	119.67	216.90	119.67	21.81	57.35	2.95	0.78	1461.1
14	33.48	253.65	52.56	175.23	401.69	119.67	281.81	123.17	20.75	90.30	5.13	0.72	1558.2
15	31.62	212.02	70.22	170.90	293.47	162.26	253.65	137.83	18.69	193.20	3.19	0.55	1547.6
16	29.80	162.26	84.32	184.11	232.15	188.67	216.90	133.98	17.71	221.74	3.19	0.60	1475.4
17	28.04	93.37	84.32	170.90	207.19	188.67	175.23	102.86	19.71	226.92	8.55	0.51	1306.3
18	26.33	64.92	72.94	166.55	232.15	170.90	145.84	93.37	62.35	149.84	5.76	0.31	1191.3
19	37.37	43.57	64.92	237.44	276.07	123.17	133.98	90.30	67.54	72.94	8.55	0.11	1156.0
20	102.86	35.40	67.54	747.11	533.88	123.17	130.33	90.30	35.40	47.97	10.73	0.04	1924.7
21	119.67	39.38	90.30	2247.82	1157.86	253.65	123.17	84.32	22.90	39.38	7.50	0.51	4186.5
22	133.98	57.35	149.84	2084.63	1583.43	502.95	130.33	70.22	17.71	33.48	2.95	0.78	4767.7
23	126.73	116.21	197.87	1072.63	1233.39	408.57	226.92	90.30	14.01	29.80	1.70	1.52	3519.7
24	112.80	137.83	415.49	765.64	916.18	259.17	1259.08	112.80	11.51	25.16	1.52	1.44	4018.6
25	99.65	170.90	541.75	1259.08	905.68	216.90	4101.50	123.17	9.98	22.90	1.52	1.20	7454.2
26	90.30	99.65	242.79	1096.66	728.79	166.55	5683.74	137.83	6.43	21.81	1.44	0.66	8276.7
27	72.94	84.32	90.30	747.11	719.71	126.73	3530.95	137.83	6.09	21.81	1.36	0.60	5539.8
28	70.22	64.92	67.54	666.40	1003.03	106.13	1614.79	126.73	5.76	17.71	2.28	1.12	3746.63
29	202.51	50.24	70.22	541.75	1286.11	87.29	843.37	106.13	5.76	14.01		0.47	3207.84
30	184.11	145.84	130.33	615.06	1521.60	75.71	666.40	72.94	5.76	9.98		0.34	3428.05
31		631.95		1314.50	1182.78		657.71		6.78	7.13		0.22	3801.08
TOTAL	2217.0	5953.5	5365.5	16458.7	23092.3	6687.3	31624.9	4630.4	815.4	1819.6	119.2	32.2	98816.06
MEAN	73.9	192.0	178.9	530.9	744.9	222.9	1020.2	154.3	26.3	58.7	4.3	1.0	270.7 TON/DAY
MAX	202.5	756.3	784.4	2247.8	2156.4	793.9	5683.7	518.3	67.5	226.9	10.7	3.0	5683.74 TON/DAY
MIN	1.2	35.4	39.4	96.5	207.2	75.7	75.7	70.2	5.8	5.8	1.4	0.0	100.00 TON/DAY

Stop - Program terminated.