

**WATER YEAR : 2011****SOUTHERN PENINSULA EAST COAST****Khlong Tha Taphao at Ban Wang Khrok , Chumphon (X.158)**

Lat 10 - 35 - 34 N Long 99 - 08 - 43 E

**Location : on right bank at the bridge on Chumphon - Prachuap Khiri Khan Highway.**

	<b>Ban</b> Wang Khrok	<b>Amphoe</b> Tha Sae	<b>Changwat</b> Chumphon
<b>Drainage Area</b>	1,814 sq.km.		
<b>Method of sampling</b>	Depth Integrating		
<b>Instrument Used</b>	US.DH-59		
<b>Period of Available Records</b>	1996-Cont'd		
<b>Actual Measurement</b>	1996-Cont'd		
<b>Using Rating Curve Water Year</b>	2011		
<b>Number of observation</b>	29		
<b>R-Square</b>	0.7438		
<b>Remarks</b>	Continued Sediment Station		

$$QS = 11.9560 QW^{1.10560}$$

**Suspended Sediment , in Tons per Day. Water Year 1 April 2011 to 31 March 2012**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual	
1	1180.00	127.40	186.50	965.70	4420.70	2024.10	1978.80	693.40	274.10	119.10	1681.80	127.40		
2	779.60	102.80	203.80	1517.20	3684.00	1381.30	1754.00	608.20	274.10	102.80	1422.00	86.70		
3	640.00	94.70	238.70	2160.50	2405.00	1180.00	3838.60	587.00	265.20	3026.20	1408.40	63.10		
4	513.70	195.10	238.70	1626.70	1435.50	1394.90	3357.60	545.00	265.20	2221.40	965.70	55.40		
5	466.60	301.00	212.50	1110.50	747.10	1110.50	3341.70	457.20	256.40	921.60	618.80	70.90		
6	466.60	319.00	212.50	866.70	932.60	921.60	2206.10	419.90	265.20	566.00	494.80	94.70		
7	1668.00	310.00	212.50	650.60	833.90	855.80	1654.20	419.90	265.20	401.40	392.10	135.70		
8	661.30	337.20	229.90	545.00	725.60	823.00	1408.40	419.90	265.20	328.10	346.30	94.70		
9	457.20	1021.20	238.70	476.00	768.70	790.40	1394.90	419.90	292.00	292.00	319.00	70.90		
10	364.60	1613.00	247.50	618.80	1032.30	910.60	1206.60	429.20	410.60	274.10	310.00	70.90		
11	337.20	2838.40	485.40	494.80	1180.00	1681.80	1327.30	419.90	346.30	238.70	292.00	102.80		
12	301.00	2420.30	555.50	485.40	1585.60	2963.50	1503.60	466.60	274.10	221.20	247.50	292.00		
13	274.10	1088.10	672.00	485.40	2009.00	3136.30	1088.10	1599.30	256.40	212.50	229.90	265.20		
14	256.40	693.40	672.00	476.00	1476.30	2130.10	921.60	2574.40	247.50	203.80	221.20	195.10		
15	247.50	534.50	650.60	494.80	1054.60	1783.80	866.70	1233.40	221.20	169.40	195.10	144.10		
16	247.50	513.70	534.50	1076.90	693.40	1367.80	747.10	954.70	247.50	144.10	195.10	94.70		
17	212.50	476.00	597.60	965.70	650.60	976.80	704.10	693.40	229.90	144.10	186.50	238.70		
18	195.10	576.50	790.40	757.90	682.70	877.60	693.40	587.00	195.10	135.70	364.60	221.20		
19	238.70	801.30	1709.40	597.60	629.40	932.60	650.60	524.10	177.90	135.70	513.70	186.50		
20	256.40	640.00	4794.20	476.00	555.50	1327.30	640.00	485.40	169.40	135.70	346.30	119.10		
21	247.50	513.70	4625.70	447.80	714.80	1783.80	2405.00	457.20	152.50	195.10	274.10	70.90		
22	203.80	392.10	2221.40	587.00	629.40	2145.30	1681.80	438.50	152.50	195.10	238.70	63.10		
23	152.50	319.00	1110.50	779.60	494.80	1798.80	2069.50	419.90	152.50	221.20	212.50	47.80		
24	144.10	274.10	833.90	965.70	476.00	1903.60	1313.90	382.90	144.10	203.80	195.10	25.70		
25	127.40	256.40	661.30	1233.40	466.60	2343.60	1099.30	355.40	144.10	186.50	169.40	0.00		
26	119.10	283.10	587.00	1571.90	640.00	1681.80	1640.50	319.00	144.10	238.70	152.50	0.00		
27	110.90	265.20	608.20	1948.70	833.90	1695.60	1724.20	301.00	135.70	169.40	152.50	0.00		
28	102.80	238.70	555.50	1768.90	2979.20	4775.40	1517.20	301.00	135.70	169.40	152.50	0.00		
29	86.70	238.70	485.40	1695.60	7709.10	3959.20	1021.20	274.10	127.40	195.10	135.70	0.00		
30	86.70	203.80	725.60	3167.80	6489.20	2682.80	888.60	274.10	127.40	203.80		0.00		
31		195.10		4327.80	3246.80		747.10		119.10	976.80		0.00		
Total	11145.50	18183.50	26097.40	35342.40	52182.30	53339.70	47391.70	18060.90	6733.60	12948.50	12433.80	2937.30	296796.70	<b>Ton</b>
Mean	371.50	586.60	869.90	1140.10	1683.30	1778.00	1528.80	602.00	217.20	417.70	428.80	94.80		
Max	1668.00	2838.40	4794.20	4327.80	7709.10	4775.40	3838.60	2574.40	410.60	3026.20	1681.80	292.00	7709.10	
Min	86.70	94.70	186.50	447.80	466.60	790.40	640.00	274.10	119.10	102.80	135.70	0.00	0.00	