

WATER YEAR : 2011**EAST COAST - GULF BASIN****Khlong Phayat at Ban Chaman , Chanthaburi (Z.14)**

Lat 12 - 44 - 34 N Long 102 - 12 - 35 E

Location : on left bank at the bridge of Khlong Prayat near Wat Chaman.

	Ban Chaman	Amphoe Makham	Changwat Chanthaburi
Drainage Area	229 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1978-Cont'd		
Actual Measurement	1978-Cont'd		
Using Rating Curve Water Year	1994-2011		
Number of observation	312		
R-Square	0.7866		
Remarks	Continued Sediment Station		

$$QS = 1.0227 QW^{1.44200}$$

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	3.20	3.60	7.70	111.60	935.80	224.90	194.70	36.10	7.70	3.60	3.00	1.00		
2	3.40	4.70	11.20	97.00	825.70	251.50	235.70	34.20	8.50	3.80	2.40	1.30		
3	3.20	3.80	20.90	103.00	345.90	197.70	181.60	32.30	8.10	2.60	2.40	1.00		
4	2.60	4.10	20.30	94.60	194.70	199.20	203.60	30.40	8.10	2.40	2.20	1.80		
5	3.20	3.40	15.00	63.70	142.60	352.50	238.90	27.90	7.70	2.80	1.80	1.50		
6	3.00	3.80	12.10	53.00	107.90	248.40	229.50	27.90	7.30	2.60	1.80	1.50		
7	2.40	1.70	12.10	45.00	98.20	193.30	203.60	26.10	6.90	3.60	1.70	1.20		
8	2.60	1.20	13.50	40.20	117.90	402.20	215.70	24.90	6.90	4.70	1.70	1.30		
9	2.40	1.50	14.50	56.00	140.00	463.30	160.40	26.70	6.90	2.60	1.80	3.00		
10	2.60	1.50	16.60	60.60	160.40	502.30	339.30	23.70	6.50	2.00	1.80	7.30		
11	2.80	1.30	12.60	40.90	194.70	812.70	193.30	22.60	5.70	2.00	0.70	12.10		
12	2.40	2.40	31.00	67.60	191.80	1814.30	160.40	20.30	5.30	2.00	0.70	6.10		
13	2.60	2.60	121.70	83.30	134.70	1100.40	377.10	19.80	5.30	2.00	0.90	3.80		
14	2.60	3.20	98.20	97.00	129.40	659.20	245.20	18.70	5.30	2.20	1.00	3.00		
15	3.20	2.80	68.40	128.10	224.90	368.10	168.80	16.10	5.00	1.80	0.90	2.20		
16	3.00	3.20	80.80	154.80	716.10	279.90	235.70	14.50	5.00	2.20	1.00	1.70		
17	3.60	3.20	284.00	85.00	580.40	229.50	217.20	14.00	5.00	1.50	0.70	2.00		
18	3.60	5.00	451.40	63.70	267.60	184.50	262.80	15.00	4.70	3.20	1.80	1.70		
19	3.80	8.90	235.70	55.20	209.60	275.80	129.40	14.50	4.70	3.80	2.40	2.00		
20	3.20	5.30	275.80	218.80	167.40	473.00	119.10	14.00	4.70	3.40	1.80	1.80		
21	2.80	5.30	180.20	795.70	132.00	468.10	85.90	13.10	5.00	3.20	1.70	1.30		
22	2.80	5.00	209.60	425.40	98.20	468.10	75.00	13.50	5.30	3.40	1.70	1.70		
23	3.00	5.30	173.00	208.10	78.30	381.60	69.20	12.10	5.00	3.60	1.20	1.50		
24	3.20	24.90	78.30	292.30	73.30	470.60	66.00	11.20	5.00	4.30	1.20	1.20		
25	3.80	27.30	57.50	175.90	69.20	409.10	59.00	10.70	4.70	3.80	1.20	15.50		
26	4.30	47.90	51.50	275.80	66.80	390.70	55.20	10.30	4.50	4.50	1.20	6.90		
27	3.20	39.50	497.30	253.10	70.90	302.80	46.40	9.80	4.30	3.60	1.20	3.60		
28	3.20	53.00	1183.80	145.30	173.00	275.80	47.20	8.90	4.30	3.40	1.20	3.00		
29	3.20	55.20	326.30	361.40	977.10	242.00	52.20	8.90	4.50	2.60	0.90	3.00		
30	3.60	29.10	164.50	437.10	623.30	284.00	42.20	8.10	4.30	3.20		1.70		
31		21.40		223.30	256.30		37.50		4.30	3.60		1.00		
Total	92.50	381.10	4725.50	5312.50	8504.10	12925.50	4947.80	566.30	176.50	94.00	44.00	97.70	37867.50	Ton
Mean	3.10	12.30	157.50	171.40	274.30	430.80	159.60	18.90	5.70	3.00	1.50	3.20		
Max	4.30	55.20	1183.80	795.70	977.10	1814.30	377.10	36.10	8.50	4.70	3.00	15.50	1814.30	
Min	2.40	1.20	7.70	40.20	66.80	184.50	37.50	8.10	4.30	1.50	0.70	1.00	0.70	