

WATER YEAR : 2011**KHONG RIVER BASIN****Huai Mong at Ban Na Ang , Udon Thani (Kh.18)**

Lat 17 - 34 - 41 N Long 102 - 20 - 22 E

Location : on right bank between Phu Pha Dang and Phu Phan about 2 kilometers from Ban Na Ang.

	Ban Na Ang	Amphoe Ban Phu	Changwat Udon Thani
Drainage Area	1,309 sq.km.		
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1999-Cont'd		
Actual Measurement	1999-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	19		
R-Square	0.7324		
Remarks	Continued Sediment Station		

$$QS = 4.0443 QW^{1.07930}$$

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	0.00	2.80	44.40	18.70	1415.60	191.50	462.90	23.70	15.70	12.50	12.20	0.00		
2	0.00	3.30	18.70	19.10	1706.30	178.00	413.70	23.70	15.40	12.50	12.20	0.00		
3	0.00	3.90	5.00	25.80	1178.20	127.80	502.10	23.70	14.70	12.00	12.00	0.00		
4	0.00	5.00	13.90	33.40	1010.20	78.90	653.40	22.90	14.40	11.70	12.00	0.00		
5	0.00	6.30	103.50	26.60	852.10	81.20	614.50	22.00	14.10	11.20	12.20	0.00		
6	0.00	7.00	245.90	7.80	614.50	164.50	458.00	20.80	13.90	11.20	12.20	0.00		
7	0.00	7.50	523.10	1.80	423.50	354.60	333.30	20.40	13.60	11.20	12.00	0.00		
8	0.00	8.30	625.10	0.80	243.10	413.70	234.60	19.50	12.80	10.90	11.40	0.00		
9	0.00	9.40	425.90	0.20	124.20	389.20	201.90	20.00	12.00	10.90	10.90	0.00		
10	0.00	10.40	287.20	15.20	48.10	379.40	152.30	23.70	11.40	11.20	10.10	0.00		
11	0.00	11.70	233.20	189.40	25.40	358.50	86.50	31.30	11.20	11.40	9.10	0.00		
12	0.00	13.30	216.30	197.70	25.40	386.70	57.60	28.70	10.70	11.20	8.10	0.00		
13	0.00	15.20	207.90	138.60	58.90	582.70	72.80	22.40	9.90	11.40	6.80	0.00		
14	0.00	16.80	186.30	109.00	77.40	1257.80	133.20	20.00	9.40	11.70	5.50	0.00		
15	0.00	13.90	100.40	149.50	80.40	1878.40	111.70	20.00	9.10	11.40	3.40	0.00		
16	0.00	13.60	37.30	152.30	139.50	1469.40	117.90	18.70	9.60	11.20	3.40	0.00		
17	0.00	15.40	11.70	101.90	198.80	1102.90	102.70	18.30	10.40	11.20	3.30	0.00		
18	0.00	19.10	11.70	72.10	440.70	792.70	71.30	17.50	11.20	11.20	2.20	0.00		
19	0.00	26.20	12.00	45.60	544.10	657.00	45.00	16.80	11.40	11.20	1.80	0.00		
20	0.20	40.60	12.20	17.90	572.10	610.90	34.30	16.60	11.70	11.20	1.50	0.00		
21	0.40	46.90	18.30	22.00	561.60	540.60	31.30	16.60	11.70	11.40	1.10	0.00		
22	0.50	26.20	13.30	60.80	554.60	482.70	17.90	16.60	11.70	12.00	0.80	0.00		
23	0.70	19.50	4.00	115.30	495.20	490.20	14.40	16.60	11.70	11.70	0.30	0.00		
24	0.90	14.10	2.00	80.40	374.50	435.80	22.40	16.30	11.70	11.40	0.10	0.00		
25	1.20	16.80	6.80	133.20	240.20	289.10	30.40	16.60	11.70	11.20	0.00	0.00		
26	1.40	122.40	81.90	331.40	170.70	192.50	27.50	16.30	11.70	11.20	0.00	0.00		
27	1.60	621.50	133.20	356.60	156.30	279.60	27.50	16.30	11.70	11.70	0.00	0.00		
28	1.80	898.70	93.40	128.70	210.70	635.70	27.50	16.00	11.40	12.00	0.00	0.00		
29	2.00	586.20	50.00	33.40	221.90	859.80	28.30	16.00	11.70	12.20	0.00	0.00		
30	2.30	331.40	28.30	30.40	201.90	691.60	27.90	16.00	12.00	12.50		0.00		
31		161.40		227.50	196.70		27.10		12.20	12.20		0.00		
Total	13.00	3094.80	3752.90	2843.10	13162.80	16353.40	5141.90	594.00	371.80	357.90	164.60	0.00	45850.20	Ton
Mean	0.40	99.80	125.10	91.70	424.60	545.10	165.90	19.80	12.00	11.50	5.70	0.00		
Max	2.30	898.70	625.10	356.60	1706.30	1878.40	653.40	31.30	15.70	12.50	12.20	0.00	1878.40	
Min	0.00	2.80	2.00	0.20	25.40	78.90	14.40	16.00	9.10	10.90	0.00	0.00	0.00	