

WATER YEAR : 2011**PASAK RIVER BASIN****Pasak River at Ban Kaeng Sua Taen , Lop Buri (S.28)**

Lat 14 - 50 - 21 N Long 101 - 04 - 08 E

Location : on left bank at Ban Kaeng Sua Taen.

	Ban Kaeng Sua Taen	Amphoe Phatthana Nikhorn	Changwat Lop Buri
Drainage Area	8,778	sq.km.	
Method of sampling	Depth Integrating		
Instrument Used	US.D-49		
Period of Available Records	1998-Cont'd		
Actual Measurement	1998-Cont'd		
Using Rating Curve Water Year	2011		
Number of observation	38		
R-Square	0.7459		
Remarks	Continued Sediment Station		

$$QS = 0.3580 QW^{1.29650}$$

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	10.40	10.80	0.00	10.60	782.50	1075.60	2935.90	43.40	24.70	114.50	35.40	60.80		
2	10.40	8.60	8.40	32.70	775.00	910.30	2910.40	41.50	25.10	112.90	46.50	53.60		
3	10.40	4.10	8.60	90.80	660.40	763.70	2956.30	33.80	25.10	111.40	82.00	49.70		
4	6.20	4.30	8.80	169.40	496.60	745.00	3058.90	28.40	25.10	110.50	82.80	49.70		
5	4.50	4.30	8.80	174.00	195.90	722.70	3089.90	27.70	24.70	74.20	71.50	48.10		
6	4.50	4.30	17.90	183.00	98.90	566.20	3136.40	27.30	14.70	41.50	59.20	48.10		
7	4.50	4.10	127.80	193.10	75.90	435.60	2992.10	26.90	6.90	39.00	58.40	47.40		
8	4.30	4.00	231.70	227.80	49.70	341.60	2738.40	28.80	8.00	54.30	65.70	46.50		
9	4.30	4.00	268.90	257.90	38.60	343.60	2468.90	30.00	10.40	56.80	80.20	46.50		
10	4.30	4.50	291.00	269.90	39.50	587.30	2243.60	30.00	13.70	73.30	80.20	46.50		
11	4.50	5.10	328.00	273.90	62.50	863.80	1911.60	26.20	17.00	74.20	80.20	46.50		
12	11.80	8.20	330.00	259.00	92.60	695.10	1439.70	22.50	16.70	76.70	79.30	45.80		
13	17.90	8.40	330.00	232.70	147.40	560.20	1141.80	22.20	23.60	82.80	78.50	45.80		
14	20.70	8.80	326.90	183.00	174.00	421.30	941.70	22.20	48.10	86.40	77.50	45.00		
15	21.50	9.00	362.70	149.20	240.30	384.10	868.20	21.80	82.80	90.80	76.70	45.00		
16	21.10	8.40	421.30	121.10	301.10	283.90	877.00	21.80	90.80	94.40	76.70	44.30		
17	21.10	8.80	419.00	117.80	347.80	449.10	801.50	21.80	89.80	95.20	75.90	43.40		
18	19.00	7.50	386.40	119.50	384.10	675.00	846.20	24.00	47.40	89.00	75.00	42.80		
19	15.00	2.90	241.30	122.00	406.90	1021.10	946.20	25.80	44.30	74.20	74.20	42.30		
20	15.00	5.10	201.40	156.10	420.10	1221.70	950.70	25.80	37.80	74.20	72.50	42.30		
21	13.00	7.80	109.60	233.60	438.90	1327.10	952.90	25.80	37.40	74.20	72.50	42.30		
22	10.80	7.80	75.90	302.20	441.30	1539.30	985.20	25.80	37.00	74.20	71.50	42.30		
23	11.40	8.20	63.20	401.50	443.40	1820.90	987.80	25.80	36.60	74.20	70.80	42.30		
24	11.40	8.60	52.80	401.50	447.70	2128.40	844.00	25.40	36.60	72.50	64.90	42.30		
25	11.00	8.40	50.40	443.40	456.20	2537.40	518.60	25.40	39.90	73.30	43.40	46.50		
26	10.40	8.40	55.20	517.10	482.10	2698.30	226.80	25.40	70.00	56.80	43.40	54.30		
27	10.40	8.60	45.00	575.20	537.80	2905.30	173.00	25.10	69.10	46.50	49.70	53.60		
28	10.40	8.40	32.70	633.30	581.20	2956.30	168.50	25.40	95.20	45.00	63.20	52.80		
29	10.60	8.60	28.10	665.90	587.30	2961.40	165.80	25.10	117.10	35.80	62.50	52.00		
30	10.60	2.10	23.20	719.00	636.90	2941.00	162.30	25.10	117.10	27.30		51.20		
31		0.00		763.70	866.00		127.80		117.10	27.30		46.50		
Total	341.40	202.10	4855.00	8999.90	11708.60	36882.30	44568.10	806.20	1449.80	2233.40	1970.30	1466.20	115483.30	Ton
Mean	11.40	6.50	161.80	290.30	377.70	1229.40	1437.70	26.90	46.80	72.00	67.90	47.30		
Max	21.50	10.80	421.30	763.70	866.00	2961.40	3136.40	43.40	117.10	114.50	82.80	60.80	3136.40	
Min	4.30	0.00	0.00	10.60	38.60	283.90	127.80	21.80	6.90	27.30	35.40	42.30	0.00	