

**WATER YEAR : 2014****PING RIVER BASIN****Ping River at Nawarat Bridge , Chiang Mai (P.1)**

Lat 18 - 47 - 10 N Long 99 - 00 - 27 E

Location : on left bank about 100 meters downstream from Nawarat Bridge.

<b>Ban</b>	Nawarat Bridge	<b>Amphoe</b>	Mueang	<b>Changwat</b>	Chiang Mai
<b>Drainage Area</b>	6,350	sq.km.			
<b>Type of Gage</b>	Water - stage recorder.				
<b>Zero Gage at Bottom</b>	+300.500 m. (MSL.)				
<b>Bench Mark</b>	B.M.-H.D.				
<b>Location BM</b>	On left bank near automatic gage building	<b>Elevation</b>	+305.310 m. (MSL.)		
<b>Gage Reading Frequency</b>	Recording				
<b>Basis of Mean Daily Gage Height</b>	Arithmetic mean of 24 readings				
<b>Period of Available Gage Records</b>	1921 to date				
<b>Rating Operation</b>					
<b>Period of Rating</b>	1954 - 1960 , 1967 to date				
<b>Rated by Flot</b>	1936 - 1938				
<b>Rated by Current Meter</b>	1954 - 1960 , 1967 to date				
<b>Stability of Channel Regimes</b>	Fairly stable because of backwater effect.				
<b>Overbank Flow Conditions</b>	No overbank flow.				
<b>General Description</b>	Records fair. Flow regulated by Mae Ngat Dam and Mae Taeng Weir above gage site. Phaya Kham weir situated about 2 Kilometers downstream from the gage site. Stage-discharge relation defined by 33 discharge measurements made in 2014.				

**Gage Height in Meter (MSL.) Water Year April 1, 2014 to March 31, 2015**

Date	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Annual
1	301.75	301.76	301.88	301.69	301.99	302.46	302.23	301.82	301.91	301.52	301.67	301.71	
2	301.81	301.71	301.85	301.72	301.87	302.45	302.03	301.81	301.89	301.51	301.71	301.69	
3	301.79	301.84	301.79	301.73	301.91	302.81	301.96	301.85	301.96	301.52	301.67	301.73	
4	301.67	302.03	301.66	301.62	302.03	302.66	302.08	301.87	301.85	301.55	301.51	301.49	
5	301.63	302.01	301.62	301.64	302.02	302.56	301.93	301.83	301.88	301.57	301.51	301.42	
6	301.77	301.88	301.64	301.63	302.06	302.40	302.03	301.97	301.70	301.54	301.44	301.40	
7	301.79	301.80	301.63	301.65	302.23	302.26	301.94	301.99	301.76	301.49	301.59	301.59	
8	301.86	301.77	301.72	301.72	302.16	302.25	301.89	302.08	301.68	301.48	301.72	301.67	
9	301.74	301.75	301.72	301.82	302.10	302.14	301.86	301.92	301.66	301.78	301.78	301.76	
10	301.56	301.72	301.79	301.97	302.19	302.11	301.85	301.92	301.69	301.98	301.63	301.60	
11	301.59	301.76	301.80	301.99	302.12	302.02	301.85	301.99	301.73	301.80	301.45	301.51	
12	301.72	301.80	301.90	301.98	302.03	301.98	301.85	301.85	301.64	301.75	301.43	301.39	
13	301.85	301.78	301.89	302.01	301.96	301.97	301.83	301.81	301.65	301.70	301.43	301.40	
14	301.80	301.79	301.94	302.23	301.95	302.01	301.99	301.82	301.64	301.62	301.58	301.62	
15	301.72	301.74	301.85	302.11	302.06	302.02	301.86	301.84	301.63	301.58	301.68	301.63	
16	301.79	301.69	301.81	301.94	302.09	302.19	301.84	301.86	301.59	301.53	301.81	301.54	
17	301.92	301.82	301.84	301.89	302.02	302.16	301.80	301.84	301.55	301.51	301.61	301.55	
18	301.71	301.79	301.84	301.89	301.95	302.09	301.78	301.82	301.56	301.53	301.62	301.42	
19	301.70	301.77	301.82	301.86	301.92	302.06	301.78	301.81	301.60	301.55	301.60	301.41	
20	301.86	301.72	301.84	301.93	302.02	302.16	301.77	301.78	301.79	301.56	301.59	301.42	
21	301.85	301.68	301.79	301.92	302.22	302.05	301.75	301.74	301.73	301.61	301.71	301.58	
22	301.74	301.60	301.79	301.86	302.31	301.97	301.76	301.91	301.68	301.81	301.68	301.63	
23	301.69	301.60	301.82	301.84	302.14	301.89	301.87	301.80	301.65	301.83	301.88	301.65	
24	301.62	301.59	301.77	301.85	302.08	301.88	302.03	301.89	301.58	301.77	301.70	301.56	
25	301.51	301.79	301.75	301.85	302.05	301.94	302.20	301.73	301.57	301.89	301.52	301.41	
26	301.59	301.85	301.74	301.86	301.97	302.18	301.96	301.87	301.55	301.89	301.50	301.37	
27	301.92	301.80	301.70	302.06	302.22	302.09	301.87	302.01	301.54	301.76	301.49	301.38	
28	301.83	301.82	301.70	302.26	302.11	302.19	301.82	301.86	301.51	301.65	301.53	301.51	
29	301.89	301.85	301.70	302.20	302.22	302.04	301.80	301.87	301.57	301.57		301.80	
30	301.71	301.86	301.70	302.06	302.20	302.29	301.93	301.75	301.55	301.57		301.77	
31		301.84		302.01	302.49		301.90		301.51	301.66		301.61	
Mean	301.75	301.78	301.78	301.90	302.09	302.18	301.90	301.86	301.67	301.65	301.61	301.56	
Max	301.92	302.03	301.94	302.26	302.49	302.81	302.23	302.08	301.96	301.98	301.88	301.80	302.81
Min	301.51	301.59	301.62	301.62	301.87	301.88	301.75	301.73	301.51	301.48	301.43	301.37	301.37
Annual Max Momentary Gage Height		302.90	m. (MSL.) ,			at 14.00 Hours , on Sep 3 , 2014							
Zero Gage at Bottom Elevation		300.50	m. (MSL.) ,		River Bed	299.21	m. (MSL.)						
Left Bank Elevation		307.69	m. (MSL.) ,										
Right Bank Elevation		307.67	m. (MSL.) ,		Drainage Area	6350	Square Kilometers						