

WATER YEAR 2022

NAN RIVER BASIN

Nan River at Muang, Phichit (N.7A)

Location Lat.16° - 26' - 31"N., Long.100° - 21' - 11" E., on right bank in front of Phichit
Phithaya Khom School, Amphoe Muahg, Phichit.

Drainage Area 27,897 sq.km.

Method of Sampling Depth Integrating

Instrument Used US.DH - 48

Period of Available Records 2001-Cont'd

Actual Measurement 2001-Cont'd

Using Rating Curve Water Year 2022

Number of observation 22

R - Square 0.8183

Remarks Continued Sediment Station

QS = 1.1588 QW^{1.3388}

WATER YEAR - 2022

SUSPENDED SEDIMENT, IN TONS PER DAY, WATER YEAR APRIL 1, 2022 TO MARCH 31, 2023

DATE	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	ANNUAL
1	611.22	693.80	575.93	387.85	1879.31	7868.53	9504.41	3276.77	894.38	1036.86	795.19	789.77	
2	601.08	709.57	463.90	396.04	1915.65	7308.30	9632.11	3038.50	827.93	1036.86	762.80	741.39	
3	601.08	672.91	417.16	383.80	2512.90	6746.90	10168.81	2795.63	844.42	1007.94	714.85	883.21	
4	585.96	626.50	408.45	383.80	2281.79	6147.70	11219.47	2612.34	973.51	933.73	800.63	922.44	
5	662.52	590.99	688.56	417.16	1864.82	5756.21	11844.23	2468.02	1002.18	911.19	827.93	922.44	
6	762.80	546.12	693.80	408.45	1764.21	5562.40	11889.18	2343.46	922.44	928.08	838.91	1007.94	
7	736.06	507.01	616.30	383.80	2073.59	5495.31	11754.45	2177.06	833.41	928.08	822.45	1065.98	
8	693.80	541.19	662.52	391.97	2657.87	5643.26	11687.24	2047.92	849.93	967.80	800.63	1007.94	
9	678.11	616.30	688.56	426.41	3579.60	6032.84	11597.77	1893.83	911.19	899.97	827.93	967.80	
10	657.34	757.43	725.44	449.75	4926.39	6312.72	11508.47	1879.31	1060.14	855.46	899.97	967.80	
11	652.18	855.46	709.57	672.91	6131.26	6865.03	11374.86	1828.73	1196.51	933.73	933.73	883.21	
12	683.33	872.08	683.33	877.64	6579.05	7463.36	11175.18	1650.99	1250.98	1048.48	849.93	822.45	
13	704.31	973.51	626.50	1077.69	6395.65	8048.46	10888.34	1539.69	1356.46	1042.67	827.93	872.08	
14	709.57	973.51	580.94	1318.39	6197.09	8477.96	10647.12	1369.83	1437.17	950.73	778.95	928.08	
15	683.33	860.99	556.02	1636.97	6428.90	8664.25	10363.81	1060.14	1700.29	939.39	795.19	844.42	
16	580.94	725.44	565.95	1728.63	6797.47	8622.76	10017.79	950.73	1864.82	844.42	699.05	757.43	
17	521.59	575.93	704.31	1728.63	6831.23	8395.49	9632.11	883.21	1908.37	855.46	657.34	730.75	
18	521.59	657.34	678.11	1410.13	6915.82	8084.57	9144.94	950.73	1996.22	967.80	800.63	720.14	
19	507.01	1178.49	652.18	1118.92	6966.70	7636.61	8581.33	1013.71	2018.34	1013.71	795.19	678.11	
20	536.27	1988.86	631.61	1019.48	6983.68	7584.53	8048.46	1083.56	1764.21	939.39	570.94	611.22	
21	606.14	2033.12	626.50	1707.36	6865.03	7359.90	7273.95	1025.27	1629.97	922.44	473.39	606.14	
22	672.91	1807.16	652.18	1944.85	6713.25	7017.68	6428.90	996.43	1814.34	928.08	570.94	652.18	
23	768.17	1588.14	570.94	2229.27	7171.16	6662.84	5723.88	1107.10	1764.21	877.64	704.31	652.18	
24	816.98	1457.53	478.16	3200.03	7868.53	6646.06	5268.47	1124.84	1686.16	806.07	838.91	647.02	
25	784.36	1293.77	404.28	3947.40	7814.76	7171.16	4939.50	1071.83	1616.00	844.42	905.58	647.02	
26	730.75	1101.20	391.97	4361.06	7549.86	7958.37	4603.10	1054.31	1349.78	816.98	922.44	565.95	
27	636.74	939.39	400.19	3924.57	7567.19	8726.58	4285.33	1113.00	1154.56	789.77	883.21	631.61	
28	551.06	866.53	431.05	3228.76	7796.85	9165.99	4085.06	1095.31	1130.77	816.98	916.81	652.18	
29	590.99	838.91	440.37	2841.93	8265.73	9398.32	3879.02	1042.67	1095.31	877.64		662.52	
30	657.34	806.07	387.85	2521.90	8457.32	9504.41	3634.47	996.43	1118.92	827.93		683.33	
31		714.85		2177.06	8229.41		3421.89		1095.31	811.52		720.14	
TOTAL	19505.5	29370.1	17112.6	48702.6	175982.1	222328.5	264223.7	47491.3	41068.2	28361.2	22015.8	24244.9	940406.6 TON/DAY
MEAN	650.2	947.4	570.4	1571.1	5676.8	7411.0	8523.3	1583.0	1324.8	914.9	786.3	782.1	2561.8 TON/DAY
MAX	817.0	2033.1	725.4	4361.1	8457.3	9504.4	11889.2	3276.8	2018.3	1048.5	933.7	1066.0	11889.2 TON/DAY
MIN	507.0	507.0	387.8	383.8	1764.2	5495.3	3421.9	883.2	827.9	789.8	473.4	566.0	383.8 TON/DAY

Stop - Program terminated.