

WATER YEAR 2023

NAN RIVER BASIN

Nan River at Muang, Phitsanulok ( N.5A )

**Location** Lat.16° - 49' - 15"N., Long.100° - 15' - 49" E., on right bank in front of Phitsanulok  
 Phithaya Khom School, Amphoe Muahg, Phitsanulok  
**Drainage Area** 24,876.25 sq.km.  
**Method of Sampling** Depth Integrating  
**Instrument Used** US.DH - 48  
**Period of Available Records** 1966 - Cont'd  
**Actual Measurement** 1966 - Cont'd  
**Using Rating Curve Water Year** 2023  
**Number of observation** 26  
**R - Square** 0.7307  
**Remarks** Continued Sediment Station

QS =0.6449 QW<sup>1.3331</sup>

WATER YEAR - 2023

SUSPENDED SEDIMENT, IN TONS PER DAY, WATER YEAR APRIL 1, 2023 TO MARCH 31, 2024

DATE	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	ANNUAL	
1	390.50	734.33	344.22	341.21	218.94	234.22	2247.05	1095.73	312.80	248.50	341.21	725.36	7234.09	
2	455.07	677.76	332.14	341.21	214.74	204.35	2453.89	1304.94	296.47	270.31	338.17	761.39	7650.44	
3	517.49	644.71	288.38	378.03	227.38	283.02	2507.99	1148.42	299.17	283.02	318.30	797.86	7693.78	
4	548.11	661.18	304.61	484.03	223.15	248.50	2006.30	926.36	200.23	255.72	318.30	830.11	7006.61	
5	525.00	734.33	310.07	480.35	196.13	255.72	1480.54	802.44	212.65	236.59	326.59	747.83	6308.24	
6	480.35	677.76	356.42	495.12	204.35	387.35	1450.90	725.36	253.31	225.26	304.61	665.32	6226.10	
7	510.01	595.92	378.03	469.34	200.23	424.09	1415.51	632.42	283.02	229.51	347.28	686.09	6171.45	
8	603.99	603.99	407.08	371.83	208.49	612.08	1710.65	544.18	255.72	258.14	312.80	636.51	6525.46	
9	640.61	599.95	437.80	296.47	229.51	946.51	2293.36	491.42	344.22	236.59	293.76	583.88	7394.07	
10	681.92	556.01	465.68	277.69	262.99	1127.27	2993.61	476.67	502.55	258.14	347.28	583.88	8533.70	
11	628.34	620.20	469.34	221.04	280.35	886.39	3499.80	544.18	603.99	225.26	312.80	620.20	8911.89	
12	552.06	640.61	424.09	223.15	296.47	1064.41	3707.69	410.49	603.99	210.57	293.76	612.08	9039.35	
13	608.03	636.51	390.50	223.15	378.03	1328.03	2887.76	407.08	652.93	223.15	312.80	673.61	8721.58	
14	587.89	720.89	277.69	283.02	291.07	1074.82	2460.63	368.71	770.47	236.59	296.47	673.61	8041.85	
15	571.89	825.48	288.38	248.50	246.11	770.47	2447.15	407.08	657.06	243.72	291.07	677.76	7674.66	
16	608.03	720.89	296.47	270.31	202.28	716.42	2535.16	390.50	669.46	277.69	299.17	677.76	7664.14	
17	632.42	636.51	338.17	291.07	182.33	811.64	2420.22	387.35	703.06	312.80	312.80	657.06	7685.45	
18	603.99	548.11	390.50	248.50	194.08	1328.03	2366.60	403.73	665.32	288.38	318.30	616.13	7971.68	
19	591.90	484.03	296.47	238.96	178.54	1704.49	2181.32	318.30	632.42	275.22	329.36	536.32	7767.33	
20	556.01	513.75	301.89	192.05	186.08	2012.72	1809.97	277.69	390.50	270.31	344.22	510.01	7365.19	
21	583.88	465.68	296.47	255.72	288.38	2025.56	1462.74	225.26	243.72	293.76	571.89	528.77	7241.84	
22	579.88	410.49	277.69	248.50	283.02	1692.19	1351.22	214.74	241.34	275.22	867.36	552.06	6993.70	
23	595.92	365.65	260.56	280.35	260.56	1106.22	1299.18	225.26	214.74	243.72	1095.73	583.88	6531.78	
24	579.88	403.73	241.34	434.34	227.38	765.93	1148.42	218.94	223.15	280.35	1111.47	548.11	6183.03	
25	608.03	362.55	253.31	371.83	243.72	571.89	1059.21	253.31	229.51	293.76	1059.21	465.68	5772.02	
26	628.34	393.62	283.02	293.76	250.90	513.75	976.93	341.21	253.31	301.89	992.23	403.73	5632.69	
27	669.46	390.50	246.11	241.34	229.51	458.57	844.03	310.07	277.69	288.38	906.32	374.90	5236.87	
28	669.46	387.35	231.86	225.26	241.34	579.88	825.48	265.43	299.17	299.17	793.28	350.31	5167.99	
29	720.89	434.34	210.57	200.23	231.86	1100.97	797.86	255.72	267.87	304.61	770.47	323.82	5619.20	
30	686.09	390.50	216.84	182.33	250.90	1866.45	784.13	267.87	296.47	291.07		310.07	5542.71	
31		310.07		186.08	265.43		820.86		253.31	350.31		299.17	2485.22	
TOTAL	17615.43	17147.40	9615.68	9294.76	7394.24	27101.94	58246.17	14640.86	12109.62	8287.73	14527.04	18013.24	213994.13	TON/DAY
MEAN	587.18	553.14	320.52	299.83	238.52	903.40	1878.91	488.03	390.63	267.35	500.93	581.07	584.13	TON/DAY
MAX	720.89	825.48	469.34	495.12	378.03	2025.56	3707.69	1304.94	770.47	350.31	1111.47	830.11	3707.69	TON/DAY
MIN	390.50	310.07	210.57	182.33	178.54	204.35	784.13	214.74	200.23	210.57	291.07	299.17	178.54	TON/DAY

Stop - Program terminated.