

MIZORAM WATER DATA

MARCH

2017

**Water Quality Data of Polluted River
stretches in Mizoram
Identified by Central Pollution Control Board**



MIZORAM STATE POLLUTION CONTROL BOARD

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF MARCH 2017**

Sl. No.	Station Code	Name of Station	Location	Co-Ordinates			A. STATIONS DETAILS												
							Sampling Date	Sampling Time	Used Based Class	Major Polluting Sources	Visibility Effluent Discharge	Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others)	Weather	Depth of Water Body (m)	Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others)	Floating matter	Colour	Odour	Flow (m/s)
				Longitude	Latitude	Elevation	1	2	3	4	5	6	7	8	9	10	11	12	13
1	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	20.03.2017	11:20		Agriculture			Rainy	0.4	Fishing		Pale yellow	Odourless	0.3
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	20.03.2017	11:25		Agriculture			Rainy	0.8	Fishing		Pale yellow	Odourless	0.5
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	14.03.2017	10:45		Agriculture			Clear	0.4	Sand collection		Pale yellow	Odourless	0.4
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	15.03.2017	12:45		Domestic			Clear	0.5			Colourless	Odourless	0.9
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	06.03.2017	10:25		Domestic			Clear	0.3			Pale yellow	Odourless	0.4
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	24.03.2017	11:30		Agriculture			Clear	0.25	Washing & Bathing		Colourless	Odourless	0.5
7	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausem Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	14.03.2017	2:50		Agriculture			Clear	0.6	Fishing		Colourless	Odourless	0.7
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	14.03.2017	12:00		Agriculture			Clear	2.1	Fishing		Colourless	Odourless	0.8
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	14.03.2017	3:30		Agriculture		Drinking Water Source	Clear	4	Fishing		Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	11.03.2017	9:00		Agriculture		Drinking Water Source	Cloudy	0.3			Colourless	Odourless	0.5
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	14.03.2017	1:00		Agriculture			Clear	3	Fishing		Brown	Odourless	1
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	10.03.2017	11:00		Domestic			Clear	0.371	Washing		Colourless	Odourless	0.756
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	10.03.2017	11:10		Agriculture		Drinking Water Source	Clear	0.53			Colourless	Odourless	0.452

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF MARCH YEAR 2017**

Sl. No.	Station Code	B. CORE PARAMETERS								C. GENERAL PARAMETERS										
		Water Temp (°C)	D.O (mg/L)	pH	Conductivity µs/cm	B.O.D (mg/L)	Nitrogen Nitrite (N-No ₂) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (mg/L)	Ammonia-N (mg/L)	Total Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	TDS (mg/L)	TSS (mg/L)	Total Phosphate (mg/L)
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	2052	19	7.7	8.21	321	1.8	0.084	3.6	460	0.5	85	27.5	0.403	76	19.2	6.7	28	260	40	0.118
2	2053	19	8	8.14	169	2	0.049	3.6	2400	0.2	76	23.5	0.429	70	17.6	62	17.5	280	50	0.13
3	3709	23	6	7.5	89	1.5	0.019	7.3	1100	1.1	94.1	37.9	0.251	96	27	6.2	10.5	200	60	0.1
4	3712	22	4.8	7.29	205	1.2	0.055			0.2	72.4	15.7	0.505	58	19.2	2.4	22.5	80	20	0.117
5	3718	23	4.9	7.02	332	3.7	0.303			16.8	158	112.8	1.235	162	39.4	15.2	100	180	220	0.649
6	3720	20	5	7.8	158	1	0.054			0.2	86.8	11.7	0.3	70	16.8	6.7	14	220	20	0.089
7	3734	25	8.1	7.25	103	1	0.076			0.2	54.3	15.7	0.051	82	20	7.6	15	180	20	0.141
8	3735	23	7.9	7.3	112	0.9	0.09			1	56.1	11.7	0.376	56	12.8	5.7	17.5	170	30	0.121
9	3736	24	8.2	7.52	140	0.8	0.069			0.1	59.7	13.1	0.388	54	12	5.7	19.5	200	30	0.021
10	3740	20	5.1	7.68	73	1.2	0.046			0	76	14.4	0.201	94	27.2	62	16	140	10	0.13
11	3754	20	5.5	8.3	146	1.3	0.101			3.6	48.8	19.6	0.589	60	14.4	5.7	23	200	30	0.141
12	3756	17	9.8	8.62	241	1.3	0.056			0.2	19.2	19.6	0.365	114	26.2	11	19.5	190	30	0.068
13	3757	16	9.5	8.42	311	8.2	0.042			0.1	56.1	15.7	0.308	56	12	6.2	26.5	140	20	0.106