

MIZORAM WATER DATA

NOVEMBER

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 NOVEMBER 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	22.11.2017	10:40		Agriculture			Clear	0.4	Fishing		Colourless	Odourless	0.4
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	22.11.2017	10:45		Agriculture			Clear	0.5	Fishing		Colourless	Odourless	0.4
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	27.11.2017	10:40		Agriculture			Clear	0.4	Sand collection		Colourless	Odourless	0.3
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	29.11.2017	11:30		Domestic			Clear	0.3			Colourless	Odourless	0.7
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	13.11.2017	10:15		Domestic			Clear	0.5	Fishing		Colourless	Odourless	0.4
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	20.11.2017	12:40		Agriculture			Clear	0.5	Washing & Bathing		Colourless	Odourless	1.5
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	14.11.2017	1:30		Agriculture			Clear	1.2	Fishing		Colourless	Odourless	0.4
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	14.11.2017	10:20		Agriculture			Clear	2	Fishing		Colourless	Odourless	0.5
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	14.11.2017	12:36		Agriculture		Drinking Water Source	Clear	3	Fishing		Colourless	Odourless	0.1
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	01.11.2017	10:00		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	1.1
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	22.11.2017	2:00		Agriculture			Clear	2	Fishing		Colourless	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	27.11.2017	11:46		Domestic			Clear	0.3	Washing		Colourless	Odourless	1.4
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	27.11.2017	12:52		Agriculture		Drinking Water Source	Clear	0.7			Colourless	Odourless	1.2

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER 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	24	4.3	7.18	147	0.7	0.038	0	1100	1.2	36.6	5.9	0.338	46	11.2	4.3				0.096
2	2053	24	4.4	7.44	162	0.9	0.026	3.6	2400	2.1	32.9	7.6	0.247	46	10.4	4.8				0.079
3	3709	23	5.3	7.45	213	1	0.055	3.6	2400	4.1	38.4	7.6	0.543	48	10.4	5.2				0.228
4	3712	21	4.9	7.16	157	1	0.023			0.1	60.3	45.9	0.296	74	20	5.7				0.069
5	3718	25	3.8	7.16	128	1.9	0.02			0.1	137.2	70.5	0.236	154	44.8	10				0.11
6	3720	21	7	7.06	112	1.4	0.027			0.1	27.4	6.8	0.186	36	7.6	2.8				0.048
7	3734	24	7.2	7.18	166	1.1	0.025			0.1	27.4	6.8	0.213	42	12	2.8				0.1
8	3735	25	8.1	7.25	116	1.3	0.023			0.2	21.9	6.8	0.182	42	10.4	3.8				0.089
9	3736	24	7.6	7.43	145	1.1	0.035			0	29.2	8.5	0.365	44	9.6	4.8				0.094
10	3740	23	6.6	7.21	143	0.8	0.024			0	29.2	5.9	0.22	42	9.6	4.3				0.117
11	3754	22	6.8	7.23	128	0.8	0.024			1.3	31.1	7.6	0.308	46	10.4	4.8				0.104
12	3756	19	4.5	7.29	108	1.3	0.023			0	34.7	8.5	0.171	48	11.2	4.8				0.11
13	3757	20	5.4	7.15	125	0.9	0.024			0	29.2	7.6	0.213	42	10.4	3.8				0.068