

MIZORAM WATER DATA

OCTOBER

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 OCTOBER 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	09.10.2017	1:20		Agriculture			Clear	0.4	Fishing		Pale yellow	Odourless	0.9
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	09.10.2017	1:15		Agriculture			Clear	0.5	Fishing		Pale yellow	Odourless	0.8
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	16.10.2017	12:30		Agriculture			Clear	0.9	Sand collection		Colourless	Odourless	1.1
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	10.10.2017	11:45		Domestic			Clear	0.4			Colourless	Odourless	1.2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	03.10.2017	10:10		Domestic			Clear	0.5	Fishing		Colourless	Odourless	0.8
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	14.10.2017	9:25		Agriculture			Clear	1	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	06.10.2017	2:00		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	06.10.2017	11:30		Agriculture			Clear	2.1	Fishing		Colourless	Odourless	0.6
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	06.10.2017	02:40		Agriculture		Drinking Water Source	Clear	3	Fishing		Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	18.10.2017	12:20		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	0.6
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	25.10.2017			Agriculture			Clear	2.9	Fishing		Colourless	Odourless	0.6
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	30.10.2017			Domestic			Clear	0.4	Washing		Colourless	Odourless	1.5
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	30.10.2017			Agriculture		Drinking Water Source	Clear	0.8			Colourless	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF OCTOBER 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	25	6.1	7.52	166	1.1	0.017	0	2400	4.1	30.4	6.8	0.198	42	11.4	3.8		60	20	0.11
2	2053	25	6.1	7.28	144	1.2	0.024	0	290	3.8	31.1	7.6	0.285	44	8	5.7		120	20	0.069
3	3709	22	4.5	7.48	271	1	0.076	0	2400	7.12	36.6	6.8	0.399	46	12	3.8				0.231
4	3712	25	5.2	7.63	149	1.1	0.023			0.1	32.9	6.8	2.052	34	7.2	3.8		110	20	0.058
5	3718	25	3.7	7.18	111	1	0.028			0.1	78.6	56.9	0.186	102	28.8	7.2		110	10	0.12
6	3720	22	6.8	7.16	109	1.4	0.036			1	31.1	7.6	0.255	42	10.4	3.8				0.075
7	3734	26	5.9	7.42	141	1.1	0.016			0.2	31.1	7.6	0.232	44	10.4	4.3		120	30	0.102
8	3735	26	7.4	7.31	145	1.5	0.029			0.4	23.7	7.6	0.22	42	11.2	3.3		70	10	0.075
9	3736	26	7.2	7.5	160	1.3	0.018			0	32.9	6.8	0.27	48	11.4	5.2		80	20	0.055
10	3740	22	6.3	7	213	0.3	0.045			0.3	56.2	22.1	0.314	103	18.4	8.4				0.078
11	3754	20	6.7	7.61	145	0.8	0.017			0.1	28.2	10.6	0.327	82	19.4	8.2				0.092
12	3756	22	6.1	7.14	147	1.3	0.032			0	38.4	7.6	0.243	52	12	5.2				0.068
13	3757	22	6.3	7.24	114	0.7	0.031			0	32.9	8.5	0.247	46	10.4	4.8				0.104