

# **MIZORAM WATER DATA**

**DECEMBER**

**2018**

**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 DECEMBER 2018**

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	05.12.2018	11:45		Agriculture				Clear	0.3	Fishing		Colourless	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	05.12.2018	11:55		Agriculture				Clear	0.3	Fishing		Colourless	Odourless	0.4
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	10.12.2018	11:45		Agriculture				Clear	0.2	Sand collection		Colourless	Odourless	1.2
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	12.12.2018	12:40		Domestic				Clear	0.3			Colourless	Odourless	0.2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	03.12.2018	11:45		Domestic				Clear	0.3			Colourless	Odourless	0.3
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	15.12.2018	08:45		Agriculture				Clear	0.5	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	17.12.2019	10:45		Agriculture				Clear	0.3	Fishing		Colourless	Odourless	1.1
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	17.12.2019	12:30		Agriculture				Clear	0.4	Fishing		Colourless	Odourless	0.9
9	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	17.12.2019	02:22		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	19.12.2018	10:22		Agriculture		Drinking Water Source		Clear	0.2			Colourless	Odourless	1.2
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	12.12.2018	00:12		Agriculture				Clear	2	Fishing		Colourless	Odourless	1.8
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	13.12.2018	09:40		Domestic				Clear	0.5	Washing		Colourless	Odourless	1.3
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	13.12.2018	01:20		Agriculture		Drinking Water Source		Clear	0.4			Colourless	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF DECEMBER YEAR 2018**

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 <sub>2</sub> ) (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)	Total Phosphate (mg/L)	K(mg/L)	TSS (mg/L)
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	2052	24	8.6	8.15		1.5	0.062	0	2400	0.1	84.6	12.5	0.08	60	14.4	5.8	9	0.044	2	
2	2053	24	7	8.02		1.7	0.102	0	2400	0.2	84.6	11.7	0.141	60	13.6	6.2	9.5	0.125	3	
3	3709	24	8.3	7.18		1.2	0.017	0	290	0.2	95.6	12.5	0.718	80	20	7.2	4.5	0.114	2.5	
4	3712	22	6.1	6.89		0.5	0.051			1.2	64.3	5	0.502	52	12	5.3	6	0.21	1.5	
5	3718	21	5.4	6.89		2.9	0.065			0.2	233.5	75.8	0.422	162	54.4	6.2	50	0.257	7	
6	3720	15	7.5	7.1			0.014			0.1	73.5	5.8	0.98	46	16	1.4	10.5	0.087	1.5	
7	3734	19	6.8	6.19			0.035			0.1	44.1	5.8	0.072	16	4	1.4	24	0.104	20.5	
8	3735	18	6.9	7.03			0.065			0.2	40.4	5	0.274	20	4.8	1.9	25	0.196	16	
9	3736	19	6.8	7.18			0.069			0.1	46	8.3	0.726	30	8.8	1.9	25.5	0.062	17	
10	3740	18	6.4	7.94			0.11			0	68	7.5	0.163	56	12.8	5.8	9	0.059	1	
11	3754	19	6.8	7.11			0.078			0.5	95.6	7.5	0.72	52	12	5.3	10	0.056	4.5	
12	3756	18	5.6	6.91			0.044			0	84.6	6.7	0.657	82	20	7.7	5	0.109	1.5	
13	3757	18	5.4	7.14			0.041			0.1	38.6	4.2	0.73	40	12	2.4	3.5	0.059	2	