

# **MIZORAM WATER DATA**

**SEPTEMBER**

**2016**

**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 SEPTEMBER 2016**

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	26.09.2016	10:40		Agriculture			Clear	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	26.09.2016	10:45		Agriculture			Clear	0.4	Fishing		Pale yellow	Odourless	0.4
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	26.09.2016	10:50		Agriculture			Clear	0.4	Sand collection		Pale yellow	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	27.09.2016	12:40		Agriculture			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	06.09.2016	10:45		Domestic			Clear	0.2			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	17.09.2016	11:45		Agriculture			cloudy	0.8	Washing & Bathing		Colourless	Odourless	0.4
7	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausen Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	28.09.2016	3:40		Agriculture			Clear	0.9	Fishing		Pale yellow	Odourless	1
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	28.09.2016	6:50		Agriculture			Rainy	1.6	Fishing		Pale yellow	Pale yellow	1.3
9	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	28.09.2016	4:20		Agriculture		Public water supply	Cloudy	1.1	Fishing		Colourless	Pale yellow	1.1
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	03.09.2016	11:30		Agriculture		Public water supply	Clear	0.3			Colourless	Odourless	1.3
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	19.09.2016	11:00 A.M		Agriculture		Fishing	Hot	3	Fishing		Yellow	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	22.09.2016	10:30 P.M		Domestic			Clear	0.5	Washing		Pale Yellow	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	22.09.2016	11:20 P.M		Agriculture		Public Water Supply	Clear	1.2			Pale Yellow	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF SEPTEMBER YEAR 2016**

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)	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	7.22	146	1.3	0.066	3.6	2400	1.8	33.4	9.9	0.441	46	10.4	4.8	28	130	60	0.128
2	2053	25	6.8	7.15	149	1.4	0.053	3.6	2400	2.1	31.5	8.9	0.334	50	11.2	5.2	24	130	60	0.142
3	3709	28	6.6	7.2	312	1.5	0.17	15	1100	7.1	29.5	7.9	0.969	4.2	10.4	3.8	23	140	60	0.722
4	3712	25	4	8.1	301	1.2	0.062			0.3	39.4	11.9	0.194	30	7.2	1.9	23	110	40	0.124
5	3718	28	7.5	7.6	281	1.4	0.089			0.1	244.2	112.2	0.357	190	58.6	11	21	110	50	0.141
6	3720	24	5.3	7.6	234	1.3	0.077			0.2	45.3	7.9	0.388	34	8	3.3	22	120	50	0.123
7	3734	25	8.6	7.1	231	1.7	0.064			1.4	45.3	1.1	0.175	42	12	2.8	30	120	50	0.151
8	3735	26	6.3	7.1	157	1.4	0.113			4.1	45.3	7.9	0.258	48	11.2	4.8	34	130	60	0.183
9	3736	23	8.6	7.9	162	1.8	0.126			0.3	27.5	8.9	0.433	36	8.8	3.3	46	120	50	0.097
10	3740	24	6.3	7.3	126	1.5	0.096			0.2	23.6	5.9	0.422	22	5.6	1.9	33	100	40	0.189
11	3754	30	8.2	8.7	129	1.7	0.058			0.2	45.3	7.9	0.236	44	10.4	4.3	23	130	60	0.1
12	3756	23	6.8	7.2	134	1.3	0.072			0.1	88.6	9.9	0.41	86	21.6	7.6	18	130	60	0.165
13	3757	24	6.7	7.2	263	0.9	0.078			0.3	51.2	8.9	0.441	42	10.4	3.8	41	140	60	0.2