

# **MIZORAM WATER DATA**

**NOVEMBER**

**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 NOVEMBER 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	01.11.2016	10:45		Agriculture			Clear	0.6	Fishing		Pale yellow	Odourless	0.5
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	01.11.2016	10:50		Agriculture			Clear	0.5	Fishing		Pale yellow	Odourless	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	09.11.2016	1:30		Agriculture			Clear	0.9	Sand collection		Pale yellow	Odourless	0.8
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	16.11.2016	1:05		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	07.11.2016	10:30		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	12.11.2016	11:45		Agriculture			Clear	0.5	Washing & Bathing		Colourless	Odourless	1.05
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	14.11.2016	2:40		Agriculture			Clear	0.3	Fishing		Colourless	Odourless	0.3
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	14.11.2016	11:45		Agriculture			Clear	2.3	Fishing		Colourless	Odourless	0.5
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	14.11.2016	5:00		Agriculture		Public water supply	Clear		Fishing		Colourless	Odourless	N/A
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	03.11.2016	8:00		Agriculture		Public water supply	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	17.11.2016	11:30		Agriculture		Fishing	Clear	2	Fishing		Colourless	Odourless	0.5
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	12.11.2016	1:30		Domestic			Clear	0.61	Washing		Colourless	Odourless	0.96
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	12.11.2016	12:00		Agriculture		Public Water Supply	Clear	0.91			Colourless	Odourless	0.94

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF NOVEMBER 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	7.4	7.72	260	1.6	0.052	0	75	2	41.3	8.9	0.243	50	12	4.8	3.5	120	50	0.073
2	2053	25	6.3	7.77	145	1.5	0.044	0	75	1.4	45.3	9.9	0.35	54	12	5.7	3	130	60	0.109
3	3709	26	8	7.31	366	1.7	0.088	7.3	460	7.5	47.2	8.9	0.517	50	11.2	5.2	12	130	60	0.344
4	3712	21	8.5	7.54	233	1.9	0.052			1.3	55.1	36.7	0.346	62	15.2	5.7	22	110	40	0.116
5	3718	22	7.1	7.31	244	1.4	0.066			0.2	238.3	111.1	0.346	194	59.2	11	18	110	50	0.094
6	3720	22	6.9	7.6	522	1.1	0.05			1	59.1	9.9	0.429	42	9.6	4.3	5	120	60	0.093
7	3734	22	8.7	7.25	344	1.9	0.077			0.2	41.3	8.9	0.243	40	9.6	3.8	13	120	50	0.145
8	3735	23	7.7	7.23	264	1.6	0.088			2.1	25.6	9.9	0.334	42	10.4	3.8	12	120	50	0.193
9	3736	22	9.3	7.25	311	1.9	0.097			1.1	33.4	7.9	0.464	40	11.2	3.3	28	110	50	0.116
10	3740	26	7.4	7.31	156	1.5	0.092			0.3	27.5	6.9	0.346	24	6.4	1.9	11.5	100	40	0.159
11	3754	22	7.3	7.5	211	1.2	0.077			1	51.2	7.9	0.429	50	12	4.8	16	140	70	0.213
12	3756	15	9.9	9.6	244	0.9	0.059			0.2	80.7	8.9	0.562	84	22.4	6.7	27	130	60	0.186
13	3757	14	7.7	9.7	324	1.8	0.055			0.3	47.2	7.9	0.403	46	12	5.7	30.5	140	60	0.203