

MIZORAM WATER DATA

AUGUST

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 AUGUST 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	29.08.2016	10:50 A.M		Agriculture			Rainy	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	29.08.2016	10:55 A.M		Agriculture			Rainy	0.2	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	17.08.2016	10:45 A.M		Agriculture			Hot	0.3	Sand collection		Pale yellow	Odourless	0.4
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	9.08.2016	2:10 P.M		Agriculture			Cloudy	0.8			Pale yellow	Odourless	1.5
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	8.08.2016	10:30 A.M		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	13.08.2016	3:10 P.M		Agriculture			Hot	0.7	Washing & Bathing		Colourless	Odourless	1.3
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	11.08.2016	3:40 P.M		Agriculture			Clear	0.5	Fishing		Colourless	Odourless	0.5
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	11.08.2016	12:50 P.M		Agriculture			Rainy	3	Fishing		Pale yellow	Odourless	0.6
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	11.08.2016	4:50 P.M		Agriculture		Public water supply	Cloudy	3.5			Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	1.08.2016	3:40 P.M		Agriculture		Public water supply	Rainy	0.3			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	19.08.2016	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	22.08.2016	11:30 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	22.08.2016	12:40 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 AUGUST 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 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	28	6.5	7.1	136	1.4	0.059	28	460	1.6	39.4	8.9	0.403	56	12	6.2	24	110	50	0.111
2	2053	28	6.3	7.2	142	1.4	0.041	75	1100	1	35.4	7.9	0.289	52	12	5.2	15	120	50	0.114
3	3709	28	6.9	7.4	436	1.6	0.148	43	1100	6.7	25.6	8.9	1.368	44	12	3.3	20	120	60	0.65
4	3712	26	6.7	8.4	254	1.3	0.061			2.1	33.4	9.9	0.262	26	6.4	2.4	17	110	50	0.188
5	3718	25	7.6	8.3	270	1.6	0.086			0.2	240.3	114.1	0.437	194	60	10.5	18	110	50	0.145
6	3720	29	5.2	7.6	240	1.3	0.071			0.1	39.4	8.9	0.304	48	12	4.3	18	90	30	0.09
7	3734	25	8	7.6	220	1.7	0.1			0.5	43.3	7.9	0.331	46	12	3.8	26	120	60	0.162
8	3735	25	6.8	7.2	130	1.6	0.084			3.3	39.4	8.9	0.236	46	11.2	4.3	29	110	50	0.172
9	3736	25	8.1	8	151	1.5	0.091			0.4	31.5	9.9	0.388	40	10.4	3.3	42.5	110	40	0.189
10	3740	23	6.2	7.4	114	1.4	0.088			0.1	23.6	8.8	0.338	20	5.6	1.4	27	100	40	0.178
11	3754	20	9	7.1	118	2.2	0.056			0.1	41.3	8.9	0.194	40	10.4	3.3	19	120	60	0.086
12	3756	21	6.4	7.5	248	1.6	0.058			0.1	94.5	10.9	0.308	84	21.6	7.2	12	130	60	0.089
13	3757	22	6.5	7.1	259	1.7	0.062			0.2	53.1	9.9	0.35	46	10.4	4.8	23	110	50	0.1