

MIZORAM WATER DATA

APRIL

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 APRIL 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	19.4.2016	1:05 P.M		Agriculture			Clear	0.4	Fishing		Colourless	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	19.4.2016	1:30 P.M		Agriculture			Clear	0.3	Fishing		Colourless	Odourless	0.6
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	7.4.2016	12:10 P.M		Agriculture			Clear	0.5	Sand collection		Colourless	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	18.4.2016	11:50 P.M		Domestic			Clear	0.4			Colourless	Odourless	2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	6.4.2016	11:10 A.M		Domestic			Clear	0.4	Fishing		Colourless	Odourless	0.9
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	11.4.2016	1:30 P.M		Agriculture			Clear	0.3	Washing & Bathing		Colourless	Odourless	0.1
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	11.4.2016	11:45 A.M		Agriculture			Clear	1.1	Fishing		Colourless	Odourless	0.7
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	11.4.2016	1:30 P.M		Agriculture			Clear	0.5	Fishing		Colourless	Odourless	0.5
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	11.4.2016	11:26 A.M		Agriculture		Drinking Water Source	Clear	4	Fishing		Colourless	Odourless	0.3
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	4.4.2016	2:30 P.M		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	0.9
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	4.4.2016	11:10 A.M		Agriculture			Clear	1	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	19.4.2016	11:30 A.M		Domestic			Clear	0.5	Washing		Colourless	Odourless	1.17
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	19.4.2016	12:06 P.M		Agriculture		Drinking Water Source	Clear	1.36			Colourless	Odourless	3

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF APRIL 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	6.9	8.4	1500	1.4	0.027	23	1100	3.3	110	9.9	0.437	88	22.8	7.6	44	210	120	0.134
2	2053	28	6.8	8.2	1500	1.5	0.045	43	1100	2.3	112	8.9	0.2	84	21	7.6	40	180	110	0.1
3	3709	28	6.8	8.2	1060	1.3	0.438	11	290	4.5	22	8.9	3.705	70	18.4	5.7	57	120	50	0.845
4	3712	25	7.8	8.2	446	1.7	0.109			2.6	86	8.9	0.471	64	16	5.7	54	120	70	0.144
5	3718	25	4.5	7.5	1070	1.3	2.16	15	210	3.2	306	111.1	2.193	190	57.6	11	100	130	60	0.192
6	3720	22	6.9	7.8	446	1.5	0.052			0	50	7.9	0.342	62	14.4	6.2	31	100	40	0.182
7	3734	17	6.8	7.6	521	1.5	0.041			0	46	7.9	0.258	64	16	5.7	15.5	100	50	0.21
8	3735	17	8.7	7.4	521	1.9	0.048			0	46	8.9	0.274	50	10.4	5.7	15	110	50	0.216
9	3736	24	8.9	8.1	520	2.2	0.046			0	42	9.9	0.175	40	10.4	8.3	12.5	100	30	0.164
10	3740	23	7.3	7.1	503	1.5	0.114			0	24	4.9	0.232	20	56	1.4	2	90	30	0.327
11	3754	21	8.1	7.7	433	1.7	0.077			2.4	46	6.9	0.414	48	11.2	4.8	83.5	130	70	0.203
12	3756	23	5.2	8.4	471	1.9	0.1			0.4	82	8.9	0.3	90	22	8.1	48	130	50	0.2
13	3757	25	6.9	7.1	465	0.6	0.058			0.5	40	6.9	0.338	30	7.2	2.8	48	110	70	0.203