

MIZORAM WATER DATA

MARCH

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 MARCH 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	15.3.2016	11:45 P.M		Agriculture			Clear	0.3	Fishing		Colourless	Odourless	0.4
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	15.3.2016	12:10 P.M		Agriculture			Clear	0.3	Fishing		Colourless	Odourless	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	7.3.2016	12:10 P.M		Agriculture			Clear	0.8	Sand collection		Colourless	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	21.3.2016	2:10 P.M		Domestic			Clear	0.4			Colourless	Odourless	1.1
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	3.3.2016	11:50 A.M		Domestic			Clear	0.2	Fishing		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	15.3.2016	12:20 P.M		Agriculture			Clear	0.3	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	2.3.2016	10:45 A.M		Agriculture			Clear	0.3	Fishing		Colourless	Odourless	0.2
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	2.3.2016	12:35 P.M		Agriculture			Clear	0.4	Fishing		Colourless	Odourless	1
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	7.3.2016	2:10 P.M		Agriculture		Drinking Water Source	Clear	4	Fishing		Colourless	Odourless	0.4
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	1.3.2016	1:10 P.M		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	0.5
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	27.3.2016	11:05 A.M		Agriculture			Clear	1.2	Fishing		Colourless	Odourless	0.6
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	15.3.2016	11:20 A.M		Domestic			Clear	0.3	Washing		Colourless	Odourless	0.2
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	15.3.2016	12:50 P.M		Agriculture		Drinking Water Source	Clear	0.61			Colourless	Odourless	0.2

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF MARCH 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	27	8.6	7.1	168	2.2	0	3.6	1100	5.6	122	9.9	0.1	90	22	8.6	14	100	40	0.7
2	2053	27	8.5	7.6	159	1.9	0.013	9.1	2400	5.8	124	9.9	0.095	90	22.4	8.1	51.5	120	50	0.111
3	3709	23	6.4	7.1	184	1.4	0.117	3.6	430	9.7	104	9.9	0.441	80	20	7.2	41	130	60	0.396
4	3712	24	6.3	8.4	638	1.9	0.013			4.4	84	7.9	0.175	70	17.6	6.2	29.5	90	30	0.188
5	3718	19	5.5	7.2	257	1.3	0.14			5.3	240	112.1	0.551	190	59.2	10	82	110	50	0.386
6	3720	20	5.6	7.7	572	1.4	0.013			1.7	52	9.9	0.156	64	13.6	7.2	32.5	100	50	0.025
7	3734	18	9.2	7.6	186	2.3	0.121			0.3	42	8.9	0.372	60	13.6	6.2	20.5	120	50	0.154
8	3735	19	9.3	7.2	183	2.4	0.104			0.2	50	7.9	0.327	54	12.8	5.2	19.5	110	50	0.157
9	3736	22	8.7	7.7	664	1.1	0.125			0.3	44	8.9	0.365	42	10.4	3.8	17.5	120	50	0.382
10	3740	22	4.2	7.8	193	1.2	0.134			1.1	20	5.9	0.471	22	5.6	1.9	10.5	100	40	0.329
11	3754	25	8.4	7.3	562	2.1	0.137			1.8	42	8.9	0.448	52	12	5.2	100	120	70	0.371
12	3756	20	9.1	7.6	585	2	0.1			1.1	88	7.9	0.2	94	25	7.6	38	130	60	0.2
13	3757	19	6.3	7.5	861	0.5	0.06			1.6	42	7.9	0.277	46	10.4	4.8	34.5	120	40	0.118