

MIZORAM WATER DATA

FEBRUARY

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 FEBRUARY 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	15.02.2016	11:30		Agriculture			Clear	0.4	Fishing		Colourless	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	15.02.2016	12:10		Agriculture			Clear	0.5	Fishing		Colourless	Odourless	0.4
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	09.02.2016	12:10		Agriculture			Clear	0.6	Sand collection		Colourless	Odourless	0.5
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	10.02.2016	12:35		Domestic			Clear	0.6			Colourless	Odourless	0.9
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	03.02.2016	10:55		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	15.02.2016	1:10		Agriculture			Clear	0.3	Washing & Bathing		Colourless	Odourless	0.4
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	10.02.2016	11:40		Agriculture			Clear	0.4	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	10.02.2016	12:20		Agriculture			Clear	0.6	Fishing		Colourless	Odourless	0.7
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	15.02.2016	1:30		Agriculture		Drinking Water Source	Clear	3.5	Fishing		Colourless	Odourless	0.1
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	02.02.2016	1:30		Agriculture		Drinking Water Source	Clear	0.3			Colourless	Odourless	0.6
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	22.02.2016	11:32		Agriculture			Clear	0.1	Fishing		Colourless	Odourless	0.1
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	07.02.2016	11:20		Domestic			Clear	0.31	Washing		Colourless	Odourless	0.61
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	07.02.2016	12:47		Agriculture		Drinking Water Source	Clear	0.6			Colourless	Odourless	0.5

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF FEBRUARY 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	15	8.1	7.1	283	1.9	0.052			0	90	6.9	0.319	84	21.6	7.2	33.5	120	50	0.265
2	2053	15	7.7	7.2	285	1.4	0.053			0	84	8.9	0.315	90	22.4	8.1	33.5	110	60	0.268
3	3709	19	7.7	7.1	145	1.6	0.087			0.1	26	7.9	0.209	72	19.2	5.7	52	130	60	0.087
4	3712	14	7.4	6.8	224	1.6	0.097			0	70	4.9	0.745	64	16	5.7	33.5	110	50	0.162
5	3718	15	4.2	7.1	177	1.1	0.114			0.2	320	114.1	0.969	180	53.6	11	68	150	80	0.147
6	3720	15	6.8	6.9	290	1.8	0.094			2.3	82	7.9	0.456	84	20	8.1	28	130	60	0.219
7	3734	14	9.7	6.8	668	1.9	0.094			0	46	7.9	0.543	64	16	5.7	17	130	60	0.451
8	3735	17	10.2	7	676	2.7	0.12			0	48	6.9	0.346	60	13.6	6.2	16.5	130	60	0.345
9	3736	19	7.5	7.2	574	1.5	0.077			0	42	9.9	0.722	44	11.2	3.8	24.5	120	50	0.47
10	3740	21	5.7	7.1	351	1.4	0.105			0.4	24	6.9	0.676	20	3.2	2.8	32.5	110	50	0.145
11	3754	18	7.1	7	133	1.5	0.097			0.2	50	9.9	0.388	56	12	6.2	68	130	60	0.358
12	3756	15	5.9	9	163	1.3	0.13			0.1	94	9.9	0.426	80	22.4	8.1	33	130	60	0.502
13	3757	17	7.2	8	256	0.8	0.116			0.6	46	8.9	0.506	56	12.8	5.7	45.5	140	60	0.406