

MIZORAM WATER DATA

FEBRUARY

2018

**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 2018**

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	19.02.2018	10:50		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	19.02.2018	10:55		Agriculture			Clear	0.3	Fishing		Colourless	Odourless	0.4
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	12.02.2018	10:50		Agriculture			Clear	0.2	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	14.02.2018	10:45		Domestic			Clear	0.3			Colourless	Odourless	0.2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	05.02.2018	10:45		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	17.02.2018	11:15		Agriculture			Clear	0.5	Washing & Bathing		Colourless	Odourless	1.5
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	17.02.2018	2:00		Agriculture			Clear	1.3	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	17.02.2018	10:45		Agriculture			Clear	2.3	Fishing		Colourless	Odourless	0.5
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	17.02.2018	2:35		Agriculture		Drinking Water Source	Clear	3.5	Fishing		Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	16.02.2018	3:45		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	0.4
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	26.02.2018	11:30		Agriculture			Clear	2.1	Fishing		Pale yellow	Odourless	0.7
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	27.02.2018	11:20		Domestic			Clear	0.5	Washing		Colourless	Odourless	1.3
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	27.02.2018	3:20		Agriculture		Drinking Water Source	Clear	0.9			Colourless	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF FEBRUARY YEAR 2018**

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	20	5.3		163	1	0.013	0	53	0.2	29.2	7.6	0.095	42	10.4	3.8				0.032
2	2053	20	5.1		167	1.1	0.015	3.6	29	0.8	27.4	6.8	0.118	40	9.6	3.8				0.045
3	3709	20	5.4		119	1	0.023	0	460	0.2	34.7	5.9	0.205	46	9.6	5.2				0.114
4	3712	20	5.1		140	5.1 (1.2)	0.025			0	49.4	44.2	0.201	82	14.4	6.2				0.1
5	3718	19	3.6		147	0.9	0.023			0.2	129.9	68	0.323	148	44.8	8.6				0.124
6	3720	19	8.1		112	1.2	0.023			1.3	27.4	6.8	0.156	36	9.6	2.8				0.061
7	3734	18	7.9		109	1.6	0.026			0.2	23.7	6.8	0.16	34	8	3.3				0.083
8	3735	18	7.4		105	1.3	0.022			0	20.1	7.6	0.148	28	7.2	2.4				0.109
9	3736	18	7.2		132	1.2	0.021			0.1	31.1	7.6	0.118	42	11.2	3.3				0.094
10	3740	21	8.1		108	1.5	0.027			0	31.1	7.6	0.224	42	10.2	3.3				0.106
11	3754	20	6.2		132	1.2	0.02			0.1	29.2	7.6	0.247	42	9.6	4.3				0.069
12	3756	19	5.6		118	1.1	0.016			0	36.6	7.6	0.148	48	10.4	5.2				0.065
13	3757	18	6.7		108	0.7	0.018			0	23.7	8.5	0.27	34	8.8	2.8				0.065