

MIZORAM WATER DATA

FEBRUARY

2019

**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 2019**

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	11.02.2019	11:35		Agriculture			Clear	0.2	Fishing		Clear	Odour free	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	11.02.2019	11:55		Agriculture			Clear	0.4	Fishing		Clear	Odour free	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	06.02.2019	11:40		Agriculture			Clear	0.5	Sand collection		Clear	Odour free	1.1
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	13.02.2019	11:50		Domestic			Clear	0.3			Clear	Odour free	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	04.02.2019	10:25		Domestic			Clear	0.2			Clear	Odour free	0.3
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	18.02.2019	12:15		Agriculture			Clear	0.3	Washing & Bathing		Clear	Odour free	0.3
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	05.02.2019	02:10		Agriculture			Clear	1	Fishing		Clear	Odour free	1
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	05.02.2019	11:10		Agriculture			Clear	2.1	Fishing		Clear	Odour free	1.3
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	18.02.2019	10:30		Agriculture		Drinking Water Source	Clear	3.6	Fishing		Clear	Odour free	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	18.02.2019	12:00		Agriculture		Drinking Water Source	Clear	0.2			Clear	Odour free	0.3
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	03.02.2019	12:00		Agriculture			Clear	2.3	Fishing		Clear	Odour free	1.5
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	01.02.2019	09:30		Domestic			Clear	0.08	Washing		Clear	Odour free	0.51
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	01.02.2019	11:00		Agriculture		Drinking Water Source	Clear	0.2			Clear	Odour free	0.67

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF FEBRUARY YEAR 2019**

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)	K (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	21	8.7	7.13			0.056	0	2400	0.2	106.6	18.3	0.289	90	24	7.2	5	2		0.206
2	2053	21	8.9	7.24			0.024	0	210	0.1	114.6	18.3	0.483	94	25.6	7.2	7	2.5		0.171
3	3709	21	7.6	7.18			0.04	0	460	0	33.3	20	0.372	64	16.8	5.3	5.5	1		0.111
4	3712	22	7.8	7.04			0.171			0.2	20.8	6.7	3.086	62	16	5.3	4.5	1		0.099
5	3718	21	7.9	8.11			0.408	0	2400	0.1	322.9	97.5	3.792	184	54.4	11.5	35	12		0.891
6	3720	13	8	7.6			0.026			0.1	50	5.8	0.581	34	8	3.4	6.5	0.5		0.006
7	3734	17	6.9	6.92			0.09			0.1	29.2	6.7	1.201	18	4.8	1.4	2.5	0		0.149
8	3735	20	7.1	6.99			0.127			0.1	31.3	6.7	1.3	20	5.6	1.4	2.5	0.5		0.157
9	3736	19	7.2	7.34			0.021			0.1	54.2	7.5	0.574	36	8	3.8	4.5	0.5		0.001
10	3740	20	7.1				0.032			0.1	30.2	6.7	0.288	40	8.1	4.3	3	1		0.1117
11	3754	15	7.5	8.11			0.149			0.3	31.3	19.2	0.328	94	25.6	7.2	10.5	2		0.863
12	3756	15	6.7	8.2			0.098			0.5	108.3	9.2	1.265	90	24.8	6.7	9.5	0.5		0.305
13	3757	16	6.6	7.35			0.065			0	112.5	17.5	1.676	52	12	5.3	13.5	1		0.279