

MIZORAM WATER DATA

APRIL

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 APRIL 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	15.04.19	12.40		Agriculture			Clear	0.58	Fishing		Pale yellow	Odour free	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	21.04.19	1.30		Agriculture			Clear	0.381	Fishing		Colourless	Odour free	0.5
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	22.04.19	11.45		Agriculture			Clear	1.6	Sand collection		Clear	Odour free	6
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	15.04.19	12.45		Domestic			Clear	0.4			Clear	Odour free	8
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	1.04.2019	12.45		Domestic			Cloudy	0.203			Clear	Odour free	0.5
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	20.04.2019	12.25		Agriculture			Clear	0.4	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	22.04.2019	12.15		Agriculture			Clear	1	Fishing		Clear	Odour free	0.9
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	22.04.2019	8.30		Agriculture			Clear	1.9	Fishing		Clear	Odour free	1
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	22.04.2019	2.15		Agriculture		Drinking Water Source	Clear	3.5	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	25.04.2019	11.40		Agriculture		Drinking Water Source	Clear	0.1			Clear	Odour free	0.8
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	22.04.2019	10.10		Agriculture			Clear	1.8	Fishing		Clear	Odour free	0.9
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	22.04.2019	9.20		Domestic			Clear	0.4	Washing		Clear	Odour free	0.7
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	22.04.2019	11.15		Agriculture		Drinking Water Source	Clear	0.5			Clear	Odour free	0.5

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF APRIL 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	22	7.1	7.59		1.4	0.105	0	2400	26.4	91.1	10.8	1.725	74	20	5.8	4.5	1		0.357
2	2053	21	7.1	7.6		1.5	0.079	0	2400	24.5	95.6	10	1.626	70	19.2	5.3	5	1		0.247
3	3709	27	6.3	7.03		1.7	0.015	0	460	0.1	88.9	15.2	0.312	70	19.2	5.3	4.5	0		0.055
4	3712	24	7.1	7.57		1.3	0.003			0.2	126.7	42.8	0	114	36	5.8	50.5	1.5		0.062
5	3718	21	5.1	7.25		2.5	0.054	0	2400	1.6	195.6	58.3	3.143	170	54.4	8.2	15	7.5		0.054
6	3720	26	7.5	7.6		1.9	0			0.1	55.6	4.5	0.137	42	10.4	3.8	3.5			0.016
7	3734	22	7.5	6.63		1.6	0.024			0	8.9	7.1	0	18	4.8	1.4	7.5			0.003
8	3735	22	6.8	6.77		1.8	0.024			0.1	26.7	8.9	0	28	7.2	2.4	10			0.008
9	3736	20	7.2	6.48		1.9	0			0.1	26.7	11.6	0.122	26	6.4	2.4	18.5			0.078
10	3740	20	7.1	7.2		1.6	0.045			0.1	145	28.7	0.187	86	18.7	6.2	12	0.5		0.098
11	3754	21	6.3	6.9		1.9	0.056			0.1	98.4	12.4	0.327	93	18.4	5.3	6	0.5		0.156
12	3756	19	6	6.96		1.9	0.018			3.1	144.4	14.3	0.346	100	27.2	7.7	10	2		0.145
13	3757	19	6.1	7.24		1.4	0.002			0.1	102.2	7.1	0.403	46	11.2	4.3	6.5	1		0.001