

MIZORAM WATER DATA

FEBRUARY

2017

**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 2017**

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	22.02.2017	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	22.02.2017	10:55		Agriculture			Clear	0.2	Fishing		Colourless	Odourless	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	15.02.2017	10:45		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	21.02.2017	12:35		Domestic			Clear	0.4			Colourless	Odourless	0.5
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	08.02.2017	10:30		Domestic			Clear	0.4			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	13.02.2017	11:30		Agriculture			Clear	0.8	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	18.02.2017	2:15		Agriculture			Clear	0.2	Fishing		Colourless	Odourless	0.8
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	18.02.2017	11:00		Agriculture			Clear	1	Fishing		Colourless	Odourless	0.8
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	18.02.2017	3:00		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	15.02.2017	11:00		Agriculture		Drinking Water Source	Clear	0.3			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	26.02.2017	10:00		Agriculture			Clear	2.3	Fishing		Colourless	Odourless	0.5
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	17.02.2017	10:50		Domestic			Clear	0.51	Washing		Colourless	Odourless	0.91
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	17.02.2017	12:30		Agriculture		Drinking Water Source	Clear	0.91			Colourless	Odourless	0.93

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF FEBRUARY YEAR 2017**

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)	Nitorgen 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	23	8.9	9.31	80.5	1.4	0.077	0	460	0.4	86.9	33.3	0.319	92.6	27.6	4.3	30	140	50	0.03
2	2053	23	8.7	8.89	83	1.6	0.044	0	23	0.3	60.8	17.1	0.346	91.2	18.4	10.5	11	150	20	0.059
3	3709	22	8.6	7.16	312	3.6	0.046	3.6	150	0.21	88.2	25.8	0.399	109.2	38	3.3	15.5	120	20	0.116
4	3712	21	0.5	7.35	274	6	0.045			0.46	73.3	18.4	0.532	82	14	11.2	19	140	10	0.117
5	3718	19	4.9	7.23	230	2.4	0.271			0.21	45.8	170.9	1.965	62	22.8	1.1	19.5	520	40	0.45
6	3720	15	6.7	7.6	251	1.2	0.048			0.3	93	11.3	0.323	77.2	21.8	5.4	16	110	20	0.125
7	3734	23	7	7.31	216	2.9	0.094			0.17	51.9	17.9	0.798	84.6	21.8	7.2	13	110	30	0.145
8	3735	23	7.1	7.21	230	1.8	0.087			1.11	52.4	10.9	0.399	52.6	9.2	7	14	90	10	0.158
9	3736	22	6.1	7.41	253	3	0.066			0.23	60.8	18.8	0.433	52	12	5.2	14.5	80	20	0.219
10	3740	23	9.5	7.22	181	1.9	0.08			0.15	66.7	17.1	0.308	88.6	13.2	13.2	18	130	30	0.089
11	3754	30	8.2	8.21	138	1.8	0.08			0.4	98.9	22.8	0.532	94.6	18.6	11.2	16	150	30	0.086
12	3756	16	6.3	9.64	230	2.1	0.045			0.1	97.1	21.8	0.236	130	13	23.3	11	160	10	0.106
13	3757	15.6	7.1	9.4	23	1.7	0.089			0.2	52.9	18.8	0.232	52	6.6	8.4	31.5	100	20	0.103