

# **MIZORAM WATER DATA**

**JANUARY**

**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 JANUARY 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	23.01.2017	10:40		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	23.01.2017	10:45		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	18.01.2017	10:55		Agriculture			Clear	0.4	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	16.01.2017	12:40		Domestic			Clear	0.4			Colourless	Odourless	0.6
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	10.01.2017	10:50		Domestic			Clear	0.3			Colourless	Odourless	1.5
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	18.01.2017	11:30		Agriculture			Clear	0.3	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	23.01.2017	2:40		Agriculture			Clear	0.2	Fishing		Colourless	Odourless	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	23.01.2017	11:30		Agriculture			Clear	1	Fishing		Colourless	Odourless	0.8
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	23.01.2017	3:27		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	24.01.2017	10:00		Agriculture		Drinking Water Source	Clear	0.4			Colourless	Odourless	0.5
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	18.01.2017	10:00		Agriculture		Fishing	Clear	1	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	17.01.2017	11:30		Domestic			Clear	0.611	Washing		Colourless	Odourless	1.6
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	23.01.2017	1:45		Agriculture		Drinking Water Source	Clear	0.76			Colourless	Odourless	0.81

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF JANUARY 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)	Nitrogen Nitrite (N-No <sub>2</sub> ) (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	6.01	7.12	255	1.7	0.044	23	2400	0.15	78.2	24.13	0.129	82.6	22.88	6.096	8	170	20	0.059
2	2053	20	8.58	7.33	232	2.93	0.037	21	1100	0.21	77.01	11.34	0.156	82.6	14.08	11.376	11	180	30	0.032
3	3709	21	7.5	7.3	214	1.9	0.039	15	1100	0.3	75.4	14.9	0.243	86	19.6	8.9	13	180	10	0.121
4	3712	18	5.5	7.12	219	1.3	0.042			0.31	55.9	10	0.357	64	23.4	1.2	24	170	80	0.094
5	3718	20	5.6	7.13	227	2.3	0.046			0.12	212.4	128.6	0.445	170	43.2	14.8	16.5	630	20	0.14
6	3720	11	7.38	7.6	247	2.37	0.055			0.2	85.49	11.86	0.243	98.6	11.44	3.5	13	150	10	0.114
7	3734	16	6.7	7.24	234	3.1	0.116			0.13	53.21	11.86	0.38	40	11.44	2.73	18	220	20	0.165
8	3735	19	8.3	7.18	219	1.5	0.096			1.02	49.3	10.02	0.334	36.6	7.2	4.464	15	80	20	0.128
9	3736	17	8.2	7.42	210	2.48	0.063			0.11	48.62	14.5	0.35	41.2	9.28	4.32	17.5	140	30	0.207
10	3740	23	8.7	7.3	166	1.4	0.069			1.1	62.48	11.3	0.255	59.2	15.2	5.08	12	120	50	0.073
11	3754	20	6.9	6.3	251	1.3	0.048			0.17	93.8	14.5	0.433	114.6	20.4	15.2	18	130	10	0.148
12	3756	16	7.6	10.6	206	2.25	0.038			0.2	35.02	99.29	0.338	91.2	12.48	14.4	16	380	20	0.116
13	3757	17	6.56	9.9	214	1.8	0.024			0.23	32.3	16.2	0.353	35.2	21.8	4.8	23	170	40	0.124