

# **MIZORAM WATER DATA**

**DECEMBER**

**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 DECEMBER 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	13.12.2017	1:05		Agriculture			Clear	0.3	Fishing		Colourless	Odourless	0.4
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	13.12.2017	1:10		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	19.12.2017	10:00		Agriculture			Clear	0.4	Sand collection		Colourless	Odourless	0.5
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	12.12.2017	12:25		Domestic			Clear	0.3			Colourless	Odourless	1.3
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	11.12.2017	10:35		Domestic			Clear	0.3	Fishing		Colourless	Odourless	0.5
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	21.12.2017	12:40		Agriculture			Clear	1.2	Washing & Bathing		Colourless	Odourless	1.2
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	14.12.2017	1:30		Agriculture			Clear	1.4	Fishing		Colourless	Odourless	0.5
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	14.12.2017	10:50		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 District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	14.12.2017	2:20		Agriculture		Drinking Water Source	Clear	N/A	Fishing		Colourless	Odourless	0.1
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	09.12.2017	2:00		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	1.5
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	18.12.2017	1:00		Agriculture			Clear	3	Fishing		Pale yellow	Odourless	2
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	19.12.2017	11:30		Domestic			Clear	0.8	Washing		Colourless	Odourless	1.8
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	19.12.2017	2:23		Agriculture		Drinking Water Source	Clear	0.7			Colourless	Odourless	1.2

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF DECEMBER 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	22	5.2	7.15	155	1.1	0.041	0	290	1.3	38.4	7.6	0.338	50	11.2	5.2				0.106
2	2053	22	5.2	7.15	167	0.8	0.027	9.1	53	1.4	32.9	6.8	0.182	46	9.6	5.2				0.114
3	3709	21	4.9	7.19	200	0.9	0.045			0.6	36.6	6.8	0.365	48	11.2	4.8				0.265
4	3712	20	5	7.34	149	1	0.031			0	42	8.5	0.315	54	12	5.7				0.082
5	3718	23	3.8	7.2	131	0.7	0.025			0.1	86	108	0.296	108	32.8	6.2				0.114
6	3720	23	7.4	7.15	127	1.2	0.024			0.1	29.2	7.6	0.255	40	9.6	3.8				0.106
7	3734	21	7.7	7.22	174	1.6	0.031			0.1	23.7	5.9	0.179	34	9.6	2.4				0.117
8	3735	22	7.4	7.15	144	1.4	0.023			0	23.7	6.8	0.27	36	9.6	2.8				0.083
9	3736	21	7.1	7.28	119	1.1	0.024			0	31.1	7.6	0.293	46	10.4	4.8				0.121
10	3740	20	7.9	7.3	114	1.5	0.027			0	25.6	6.8	0.274	34	8.8	2.8				0.121
11	3754	18	7.1	7.46	117	1.2	0.023			1.3	25.6	6.8	0.338	34	8.8	2.8				0.108
12	3756	16	4.9	7.25	133	1.5	0.03			0	31.1	5.9	0.262	46	9.6	5.2				0.069
13	3757	17	6.7	7.28	144	0.9	0.032			0	27.4	8.5	0.293	40	8.8	4.3				0.097