

# **MIZORAM WATER DATA**

**JULY**

**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 JULY 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	19.07.2017	10:45		Agriculture			Clear	0.4	Fishing		Pale yellow	Odourless	0.7
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	19.07.2017	10:50		Agriculture			Clear	0.3	Fishing		Pale yellow	Odourless	0.7
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	17.07.2017	10:15		Agriculture			Clear	0.4	Sand collection		Pale yellow	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	12.07.2017	10:05		Domestic			Cloudy	0.3			Colourless	Odourless	1.5
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	03.07.2017	10:35		Domestic			Cloudy	0.7	Fishing		Colourless	Odourless	1.2
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	24.07.2017	2:30		Agriculture			Cloudy	1	Washing & Bathing		Pale Yellow	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	25.07.2017	1:30		Agriculture			Clear	1.2	Fishing		Colourless	Odourless	0.6
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	25.07.2017	10:50		Agriculture			Cloudy	3	Fishing		Muddy Color	Odourless	0.2
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	25.07.2017	2:15		Agriculture		Drinking Water Source	Cloudy	3	Fishing		Colourless	Odourless	0.1
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	26.07.2017	9:15		Agriculture		Drinking Water Source	Cloudy	N/A			Colourless	Odourless	N/A
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	01.07.2017	1:07		Agriculture			Clear	N/A	Fishing		Colourless	Odourless	1
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	25.07.2017	2:20		Domestic			Clear	1.1	Washing		Colourless	Odourless	1.2
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	25.07.2017	3:20		Agriculture		Drinking Water Source	Clear	1.7			Colourless	Odourless	0.9

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF JULY 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	27	5.8	7.96	324	1.2	0.022	3.6	2400	5.2	37.5	7.6	0.528	46	10.4	4.8		90	60	0.048
2	2053	27	5.9	7.36	166	1.1	0.015	7.3	2400	4.2	34	8.5	0.141	42	11.2	3.3		90	30	0.017
3	3709	29	3.4	7.68	217	0.8	0.13	0	1100	39.1	26.8	6.8	0.707	36	5.6	5.2		160	70	0.279
4	3712	25.5	5.7	7.34	311	1	0.048			1.4	41.1	11	0.464	52	12	5.2		70	30	0.107
5	3718	25	6.1	7.11	145	1.1	0.052			0.2	71.6	55.2	0.464	94	24.8	7.6		150	50	0.216
6	3720	26	8	7.29	131	1.6	0.039			6.4	30.4	6.8	0.35	22	10.4	3.8		100	20	0.104
7	3734	25	7.3	7.11	240	1.3	0.035			0.1	32.2	9.3	0.274	40	10.4	3.3		80	30	0.092
8	3735	26	7.5	7.05	310	1.3	0.022			0.2	1.3	6.8	0.289	42	10.4	3.8		120	30	0.124
9	3736	21	8	7.48	280	1.6	0.2			0.1	39.3	7.6	0.319	48	11.2	4.8		90	10	0.1
10	3740	23	7.3	7.31	148	1.3	0.038			0.1	23.2	8.5	0.327	28	6.4	2.8		80	20	0.123
11	3754	25	6.2	7.41	229	1.4	0.059			3.7	21.4	6.8	0.391	46	10.4	4.8		180	90	0.214
12	3756	22	6.4	7.16	155	1.2	0.037			0.1	57.2	8.5	0.323	70	18.4	5.7		150	60	0.089
13	3757	22	6.5	7.36	108	1.1	0.028			0	35.8	7.6	0.258	48	11.2	4.8		170	50	0.11