

# **MIZORAM WATER DATA**

**AUGUST**

**2018**

**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 AUGUST 2018**

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	07.08.2018	11:30		Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	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	07.08.2018	11:40		Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	0.6
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	13.08.2018	11:30		Agriculture			Clear	0.2	Sand collection		Pale Yellow	Odourless	0.4
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	20.08.2018	11:45		Domestic			Clear	0.3			Pale Yellow	Odourless	0.2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	01.08.2018	10:35		Domestic			Clear	0.3			Colourless	Odourless	0.4
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	18.08.2018	12:45		Agriculture			Clear	0.1	Washing & Bathing		Dark colour	Odourless	1.5
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	11.08.2018	1:40		Agriculture			Clear	2.1	Fishing		Colourless	Odourless	1
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	11.08.2018	11:00		Agriculture			Cloudy	6.2	Fishing		Pale Yellow	Odourless	1.3
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	11.08.2018	2:30		Agriculture		Drinking Water Source	Rainy	N/A	Fishing		Colourless	Odourless	N/A
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	15.08.2018	10:30		Agriculture		Drinking Water Source	Rain	0.2			Colourless	Odourless	1.1
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	30.08.2018	10:10		Agriculture			Clear	3.2	Fishing		Colourless	Odourless	1.7
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	28.08.2018	11:30		Domestic			Clear	0.5	Washing		Colourless	Odourless	1.9
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	28.08.2018	1:40		Agriculture		Drinking Water Source	Clear	0.6			Colourless	Odourless	1.2

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD FOR THE MONTH OF AUGUST YEAR 2018**

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	29	5.3		156	1	0.041	0	2400	0.3	23.9	7.7	0.467	30	8	2.4				0.089
2	2053	29	5.4		201	1.1	0.027	0	2400	0.4	29.4	6.8	0.437	36	8	3.8				0.176
3	3709	24	5.4		441	1.2	0.07	0	2400	7.2	29.4	7.7	0.41	36	8.8	3.4				0.135
4	3712	24	5.4		266	1.1	0.018			4.6	5105	34.9	0.198	62	14.4	6.2				0.117
5	3718	25	3.7		144	0.9	0.024			0.4	117.6	62.1	0.281	134	40.8	7.7				0.116
6	3720	26	9.5		372	1.7	0.036			3.6	23.9	7.7	0.422	30	8	2.4				0.128
7	3734	26	7.6		153	1.3	0.017			0	22.1	7.7	0.251	30	8	2.4				0.114
8	3735	26	7.2		231	1.3	0.032			2.8	22.1	6.8	0.032	26	7.2	1.9				0.135
9	3736	25	7.3		171	1.3	0.017			0.3	31.3	8.5	0.198	42	10.4	3.8				0.065
10	3740	21	8.3		142	1.5	0.021			0.1	22.1	7.7	0.179	28	7.2	2.4				0.055
11	3754	22	6.1		153	1.1	0.021			0	27.6	7.7	0.179	34	8.8	2.9				0.039
12	3756	23	6.7		215	1.3	0.021			0.2	25.7	7.7	0.213	34	8.8	2.9				0.069
13	3757	24	6.8		142	1.7	0.016			0.2	27.6	8.5	0.231	36	8	3.8				0.063