

**Water Quality Data of 9 (NINE) Polluted River  
stretches in Mizoram  
(OA - No. 673 of 2018)**

**JANUARY  
2021**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JANUARY, 2021**

Sl. No.	Station Code	Name of Station	Location	Co-Ordinates			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													
1	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	15-01-2021	10.20		Domestic		Clear	1.18	Washing		Pale Yellow	Odourless	0.51	
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	18-01-2021	11.30		Agriculture		Clear	1	Sand collection		Clear	Odourless	0.4	
	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausen Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	14-01-2021	10.30		Agriculture	Washing, Bathing	Clear	1	Washing, Domestic Purpose		Clear	Odourless	0.8	
	3736	Tlawng River, Palthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	14-01-2021	12.30		Agriculture	Drinking Water Source	Clear	3.1	Fishing		Clear	Odourless	0.2	
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	10-01-2021	2.30		Agriculture		Clear	1	Fishing		Pale Yellow	Odourless	0.5	
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	15-01-2021	11.30		Agriculture	Drinking Water Source	Clear	2.14			Clear	Odourless	0.31	
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	17-01-2021	12.45		Agriculture	Washing, bathing	Clear	0.3	Traffic Movement		Clear	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	25-01-2021	12.45		Domestic		Clear	0.3			Pale yellow	Odourless	0.3	
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	13-01-2021	11.00		Agriculture	Washing, Domestic Purpose	Clear	1.7	Plantation, Gardening		Clear	Odourless	0.8	
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	07-01-2021	9.00		Domestic	Drinking Water Source	Clear	0.2			Clear	Odourless	0.2	
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	12-01-2021	11.49		Domestic		Clear	0.9			Clear	Odourless	0.5	
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	05-01-2021	12.00		Agriculture		Clear	1	Fishing		Clear	Odourless	0.5	
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	05-01-2021	12.20		Agriculture		Clear	1	Fishing		Clear	Odourless	0.3	

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF JANUARY, 2021**

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)	K (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	33
1	3756	10	4.1	8.6	168	0.18	0.01			8.2	112.2	11.2	0.327	94	24	8.2	2	0	130	10	0.061
2	3709	19	9	8.6	132	0.5	0.01	10	160	1.8	82.6	9.3	0.399	58	8	9.1	1.5	0.5	90	10	0.052
	3734	19	7	7.3	48	0.6	0.007			1	33.1	4.6	0.372	20	4	2.4	2	0.5	40	10	0.061
	3736	18	6.7	7.3	81	1.4	0.006			0.9	43.4	8.4	0.376	30	4	4.8	1	0	60	10	0.059
	3754	24	5.9	7.9	162	0.9	0.015			5	107.4	7.4	0.41	110	32	7.2	1	0.5	100	20	0.065
3	3757	10	3.9	7.5	81	0.2	0.007			2.2	51	9.3	0.372	32	4	5.3	1.5	1	50	10	0.104
4	3720	12	6.8	7.6	118	0.8	0.011			2.6	80.6	7.4	0.361	60	16	4.8	1.5	0.5			0.063
5	3718	18	6	7.7	613	1.9	0.353	1100	2400	3.8	247.9	90.2	4.628	178	60	6.7	5.5	1.5	410	40	0.166
6	3735	20	6.9	7.4	57.2	1.3	0.006			1.1	20.7	4.6	0.369	10	2.4	1	2	0	50	10	0.063
7	3740	20	8.63	7.26	63	1.1	0.01			1.3	26.9	8.4	0.703	36	8	3.8	2	0	60	20	0.096
8	3712	19	5.3	8.45	249	1.4	0.017	460	2400	2.5	105.4	32.5	0.619	112	32	6.7	2.5	0.5	120	10	0.107
9	2052	19	7.7	8.06	160	1.86	0.016	0	2400	1.3	33.1	11.2	0.445	20	4.8	1.9	2.5	0	60	10	0.086
	2053	19	7.4	8.22	155	1.5	0.013	0	2400	1.9	103.3	8.4	0.528	40	7.2	5.3	3	0.5	90	10	0.093