

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

**MARCH  
2022**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF MARCH, 2022**

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	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	12-03-2022	10:45		Domestic			Clear	0.6	Washing		Clear	Odourless	0.26
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	21-03-2022	11:00		Agriculture			Clear	1			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	07-03-2022	01:50		Agriculture	Domestic		Clear	0.9	Washing, Domestic Purpose		Clear	Odourless	0.2
	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	07-03-2022	03:00		Agriculture	Drinking Water Source		Clear	3	Dwelling, Vehicular Movement		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	06-03-2022	01:50		Agriculture	Domestic		Clear	2	Sand Collection		Clear	Odourless	1
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	12-03-2022	11:00		Agriculture	Drinking Water Source		Clear	2.12			Clear	Odourless	0.29
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	16-03-2022	12:10		Agriculture	Domestic		Clear	0.3	Washing & Bathing		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	07-03-2022	11:22		Domestic			Cloudy	0.2			Pale Yellow	Pungent	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	07-03-2022	10:45		Agriculture	Washing, Domestic Purpose		Clear	1.2	Plantation, Gardening		Clear	Odourless	0.5
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	18-03-2022	12:00		Domestic	Drinking Water Source		Clear	0.2	Wasing		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	14-03-2022	11:45		Domestic			Clear						
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	07-03-2022	12:33		Agriculture			Clear	0.8	Fishing		Pale Yellow	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	07-03-2022	12:15		Agriculture			Clear	0.8	Fishing		Clear	Odourless	0.8

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF MARCH, 2022**

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	17.5	5.27	8.3	173	0.67	0.011	150	1100	4.2	125	15.8	0.224	96	32	3.8	5.5		70	20	0.102
2	3709	19	8.4	8.3	204	1.8	0.013	27	2400	4.5	104	15.2	0.296	70	18.4	5.8	6		60	10	0.117
	3734	24	7.4	6.85	375	1.6	0.01	240	1100	3.4	26	8.6	0.247	16	4.8	1	1.5		50	10	0.104
	3736	22	7.1	6.5	483	1.7	0.01	210	1100	3.6	40	16.9	0.258	26	7.2	1.9	3		40	10	0.148
	3754	25	6.4	8	203	1.2	0.01	290	1100	2.7	155.9	6.8	0.308	82	26.4	3.8	4.5		140	20	0.111
3	3757	19	6.24	8.4	187	0.67	0.012	93	460	4	58.5	9.8	0.266	32	10.4	1.4	3.5		60	10	0.094
4	3720	19	8.7	7.2	151	1.8	0.01	53	460	2.6	60	12.4	0.236	58	10.4	7.7	6		40	10	0.102
5	3718	21	4	7.6	775	2.7	1.055	23	2400	6.6	259	93.3	2.77	180	62.4	5.8	29		480	10	0.636
6	3735	25	7.2	6.4	380	1	0.01	26	240	2.6	32	5.7	0.251	14	4	1	1.5		60	10	0.142
7	3740	17	6.1	6.9	169	1.7	0.009	35	240	4.4	48	7.6	0.141	28	7.2	2.4	3.5		50	10	0.065
8	3712	21	6.5	8.8	177	0.9	0.014	14	1100	3.5	90	11.4	0.331	62	15.2	5.8	6.5		70	20	0.103
9	2052	21	5.7	8.33	232	0.9	0.013	23	2400	8	102	17.1	0.255	74	20	5.8	7		160	10	0.168
	2053	21	6.5	8.6	222	1.5	0.012	23	2400	3.5	138	16.2	0.243	76	21.6	5.3	8.5		170	10	0.165