

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

**OCTOBER  
2021**



**MIZORAM STATE POLLUTION CONTROL BOARD**

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

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)	
																			1
Longitude	Latitude	Elevation																	
1	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	15-10-2021	11.00		Domestic			Clear	1	Washing		Clear	Odour free	3.4
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	21-10-2021	11.30		Agriculture			Clear	2	Sand collection		Pale yellow	Odour free	0.5
	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	12-10-2021	4.00		Agriculture	Working, Bathing, Kitchen		Clear	1.1	Fishing, Domestic		Clear	Odour free	1
	3736	Tlawng River, Palthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	16-10-2021	3.20		Agriculture	Drinking Water Source		Clear	3			Clear	Odour free	0.2
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	19-10-2021	1.30		Agriculture			Clear	3	Fishing		Pale yellow	Odour free	2
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	15-10-2021	11.30		Agriculture	Drinking Water Source		Clear	2.1			Clear	Odour free	3.1
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	25-10-2021	2.45		Agriculture			Clear	0.5	Washing & Bathing		Clear	Odour free	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	14-10-2021	11.40		Domestic			Clear	0.2			Pale yellow	Odour free	0.5
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	12-10-2021	11.00		Agriculture	Working, Domestic		Clear	2.4	Plantation, gardening, Stone extraction		Pale yellow	Odour free	1.3
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	27-10-2021	2.00		Agriculture	Drinking Water Source		Clear	6			Clear	Odour free	N/A
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	18-10-2021	12.40		Domestic			Clear	2			Clear	Odour free	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	13-10-2021	12.20		Agriculture			Clear	1	Fishing		Pale yellow	Odour free	0.3
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	13-10-2021	12.30		Agriculture			Clear	1	Fishing		Pale yellow	Odour free	0.3

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF OCTOBER, 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	19	4.7	7.5	134	0.49	0.664	460	1100	45.1	88.6	25.8	0.479	52	17.6	1.9			50	50	0.065
2	3709	28	7.6	7	185	1.3	0.134	39	1100	100	51.2	8	2.295	32	7.2	3.4			110	80	0.677
	3734	22	7.3	6.3	144	0.7	0.022	210	1100	3.3	33.1	9.8	0.243	10	1.6	1.4			50	10	0.056
	3736	19	7.3	7.5	84	1	0.022	460	2400	4.4	40.4	22.1	0.258	36	8	3.8			50	20	0.072
	3754	24	6.4	7.3	125	1.3	0.06	160	1100	51.2	86.6	7.1	0.517	48	14.4	2.9					0.254
3	3757	19	5.1	7.1	169	0.4	0.008	23	210	5.2	53.1	8	0.182	24	8.8	0.5			70	40	0.069
4	3720	20	7.3	6.7	180	1.2	0.023	93	460	5	3.8	7.1	0.22	34	9.6	2.4			80	30	0.066
5	3718	30	4.5	7.9	675	2.1	0.548	460	2400	9.2	222.4	72	2.421	160	39.2	14.9			630	20	0.371
6	3735	23	7.1	7.4	163	1.1	0.028	43	1100	12	40.4	6.2	0.323	20	4.8	1.9			30	20	0.073
7	3740	24	8.9	7.1	159	1	0.021	11	460	39	43.3	7.1	0.357	30	9.6	1.4			90	20	0.114
8	3712	29	5.9	7.2	123	1.8	0.022	210	1100	4.3	64.3	8.9	0.331	68	7.2	12			60	30	0.079
9	2052	29	5.4	7.7	124	1.1	0.032	93	460	19.2	64.3	8	0.391	42	14.4	1.4			120	20	0.102
	2053	29	5.8	7.7	132	1.2	0.033	43	1100	10.4	64.3	8.9	0.467	36	7.2	4.3			80	40	0.097