

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

**NOVEMBER
2021**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF NOVEMBER, 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	2	3
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	14-11-2021	10.00		Domestic					Clear	1.1	Washing		Pale Yellow	Odourless	2.5
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	02-11-2021	11.30		Agriculture				Clear	1				Pale yellow	Odourless	0.5
	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	16-11-2021	2.00		Agriculture		Domestic		Clear	0.7	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	16-11-2021	2.50		Agriculture		Drinking Water Source		Clear	3.1	Dwelling, Vehicular Movement			Clear	Odourless	0.3
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	06-11-2021	5.00		Agriculture				Clear	2	Fishing			Pale Yellow	Odourless	2
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	14-11-2021	11.30		Agriculture		Drinking Water Source		Clear	2.1				Clear	Odourless	0.8
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	20-11-2021	11.45		Agriculture		Domestic		Clear	0.6	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	08-11-2021	10.45		Domestic				Clear	0.3				Clear	Odourless	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	16-11-2021	11.15		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	19-11-2021	12.00		Domestic		Drinking Water Source		Clear	0.2	Wasing			Pale Yellow	Odourless	0.5
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	09-11-2021	12.48		Domestic				Clear	2				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	08-11-2021	12.40		Agriculture				Clear	2	Fishing			Pale yellow	Odourless	0.8
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	08-11-2021	12.55		Agriculture				Clear	2	Fishing			Pale yellow	Odourless	0.8

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF NOVEMBER, 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 ₂) (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	5.8	6.9	102	0.5	0.13	120	1100	100	23.6	5.3	2.136	18	3.2	2.4			50	50	0.589
2	3709	26	7.3	7.9	117	0.9	0.012	15	1100	9.2	68.9	9.8	0.175	40	14.4	1			60	20	0.068
	3734	19	6.9	7.1	162	1.1	0.008	11	210	3.5	37.4	6.2	0.289	16	4.8	1					0.045
	3736	18	7	7.2	183	1.3	0.01	42	460	3.7	53.1	17.3	0.163	38	12	1.9					0.039
	3754	28	6.5	7.1	139	1.1	0.01	11	460	10.8	55.1	8.9	0.179	74	23.2	3.8			60	20	0.065
3	3757	18	6	6.9	165	0.3	0.041	15	460	4.3	31.5	7.1	0.209	20	6.4	1			70	40	0.063
4	3720	18	9	7.5	189	1.7	0.01	3	64	3.4	3.8	5.3	0.19	44	14.4	1.9					0.049
5	3718	26	4.7	7.8	630	2.5	1.055	15	44	3.7	224.4	73.8	2.785	144	31.2	15.8			280	40	0.471
6	3735	20	7.2	6.8	191	1.5	0.008	20	160	3.5	31.5	6.2	0.186	18	4.8	1.4					0.069
7	3740	22	7.8	6.9	125	1.3	0.016	3	160	18	25.6	6.2	0.334	28	8.8	1.4			90	20	0.09
8	3712	26	5.5	7.3	121	1.3	0.011	20	53	3.4	90.6	8.9	0.194	60	21.6	1.4			40	10	0.063
9	2052	26	6.8	8.1	140	0.5	0.018	43	210	12.4	88.6	10.7	0.319	48	14.4	2.9			40	20	0.102
	2053	26	6.9	7.8	163	0.55	0.022	43	210	10.6	82.7	8.9	0.331	40	12.8	1.9			100	20	0.106