

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

**APRIL
2022**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF APRIL 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	16-04-2022	10.45		Domestic			Clear	1.89	Washing		Clear	Odourless	0.13
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	18-04-2022	11.30		Agriculture			Clear	1			Pale yellow	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	13-04-2022	1.00		Agriculture	Domestic		Clear	0.5	Washing, Domestic Purpose		Clear	Odourless	0.1
	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	13-04-2022	2.30		Agriculture	Drinking Water Source		Clear	3.2	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	18-04-2022	2.00		Agriculture	Domestic		Clear	3.5	Sand Collection		Pale Yellow	Odourless	1.5
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	16-04-2022	11.00		Agriculture	Drinking Water Source		Clear	1.52			Clear	Odourless	0.2
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19-04-2022	11.25		Agriculture	Domestic		Clear	1.3	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	04-04-2022	11.37		Domestic			Cloudy	0.3			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	13-04-2022	10.15		Agriculture	Washing, Domestic Purpose		Clear	1.1	Plantation, Gardening		Clear	Odourless	0.4
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	19-04-2022	12.30		Domestic	Drinking Water Source		Clear	0.2	Wasing		Clear	Odourless	0.3
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	25-04-2022	12.50		Domestic			Clear	0.5			Pale yellow	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	04-04-2022	12.40		Agriculture			Clear	0.5	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	04-04-2022	12.30		Agriculture			Clear	0.5	Fishing		Pale yellow	Odourless	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF APRIL, 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 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	20	6.1	8.1	264	0.6	0.014	35	2400	5.5	131.7	18	0.255	92	25.6	6.7	9		60	20	0.078
2	3709	24	9	7.3	230	1.2	0.027	42	2400	10.4	102	18	0.365	100	35.2	2.9	8		80	20	0.128
	3734	20	7	7.2	159	1.4	0.01	64	460	3.7	35.3	12.3	0.277	20	4.8	1.9	1.5		60	10	0.09
	3736	18	7.8	6.6	156	1.1	0.011	21	1100	3.3	66.7	20.2	0.255	62	21.6	1.9	4.5		50	10	0.102
	3754	20	7	7.5	236	1.3	0.041	20	1100	68	113.7	12.3	0.806	70	22.4	3.4	5.5		120	20	0.204
3	3757	19	6.2	7.3	148	0.63	0.015	11	460	5.6	100.4	10.4	0.296	42	10.4	3.8	6.5		60	20	0.086
4	3720	21	8.6	7.5	158	1.1	0.014	14	240	3.4	78.4	9.5	0.35	54	17.6	2.4	6		50	10	0.093
5	3718	21	5	7.8	793	9.8	0.876	14	1100	7.2	264	101.9	3.682	202	73.6	4.3	28		450	10	0.488
6	3735	19	7.2	5.6	446	1	0.011	9.1	1100	3.2	23.5	61.6	0.251	114	38.4	4.3	1		70	20	0.123
7	3740	22	7.5	7.7	156	1.4	0.009	12	460	4.4	133.9	19.9	0.255	80	25.6	3.8	9.5		50	10	0.141
8	3712	21	6.1	8.3	188	1.3	0.012	3.6	2400	9.4	82.4	14.2	0.312	58	17.6	3.4	4.5		60	20	0.114
9	2052	21	7.3	8	290	1.5	0.059	11	2400	14.7	108	31.4	0.217	96	30.4	4.8	11.5		160	20	0.087
	2053	21	6.5	7.7	298	0.7	0.063	11	2400	18.4	122	30.5	0.239	100	33.6	3.8	12.5		140	20	0.092