

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

**FEBRUARY
2022**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF FEBRUARY, 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	07-02-2022	10:45		Domestic			Clear	1.15	Washing		Clear	Odourless	0.37
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	08-02-2022	11:45		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	09-02-2022	12:45		Agriculture	Domestic		Clear	0.7	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	09-02-2022	02:30		Agriculture	Drinking Water Source		Clear	3.1	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	20-02-2022	11:30		Agriculture	Domestic		Clear	2.5	Sand Collection		Clear	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	07-02-2022	11:00		Agriculture	Drinking Water Source		Clear	2.12			Clear	Odourless	0.33
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	21-02-2022	09:15		Agriculture	Domestic		Clear	0.1	Washing & Bathing		Clear	Odourless	0.3
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	14-02-2022	11:30		Domestic			Cloudy	0.1			Pale yellow	Odourless	0.4
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	09-02-2022	10:35		Agriculture	Washing, Domestic Purpose		Clear	1.1	Plantation, Gardening		Clear	Odourless	0.3
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	17-02-2022	01:30		Domestic	Drinking Water Source		Clear	0.6	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	01-02-2022	01:14		Domestic			Clear	0.3			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	14-02-2022	12:35		Agriculture			Clear	0.1	Fishing		Clear	Odourless	0.4
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	14-02-2022	12:30		Agriculture			Clear	0.1	Fishing		Clear	Odourless	0.4

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF FEBRUARY, 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	8.5	5.7	7.9	176	0.5	0.014	210	2400	11	91.8	14.7	0.213	92	30.4	3.8	5		60	10	0.083
2	3709	15	8.3	7.9	271	1.6	0.022	28	2400	5	79.6	11.8	0.19	76	20	6.2	5.5		50	10	0.051
	3734	9	7.2	7.2	132	1.6	0.01	160	2400	3.2	20.4	7.8	0.148	6	0.8	1	1.5		40	10	0.051
	3736	12	7	7	187	1.3	0.009	20	1100	2.9	55.1	36.5	0.16	34	9.6	2.4	3.5		40	10	0.058
	3754	14	6.8	7.4	182	1.4	0.012	39	460	6.5	114.3	13.7	0.247	96	18.4	12	12		70	20	0.075
3	3757	7.5	5	7.3	174	0.5	0.012	150	1100	3	44.9	8.8	0.213	34	9.6	2.4	3		50	10	0.083
4	3720	13	7.1	7.3	132	1.3	0.011	29	460	3.2	95.9	53.9	0.19	56	16.8	3.4	6		60	10	0.078
5	3718	15	3.8	7.4	214	2.9	1.055	95	2400	6.1	232.7	96	2.018	172	60.8	4.8	27		160	20	0.671
6	3735	10	6.9	7.6	134	0.6	0.009	23	290	3.1	22.4	6.9	0.148	14	1.6	2.4	1.5		50	10	0.056
7	3740	11	8.9	7	166	1.3	0.027	120	1100	3.8	42.9	5.9	0.236	32	6.4	3.8	2.5		50	10	0.073
8	3712	18.5	9.4	8.4	243	1.4	0.097	42	2400	4	124.5	37.2	0.205	102	13.6	16.3	12.5		120	20	0.2
9	2052	14	9.7	7.5	214	1.4	0.032	39	1100	3.9	106	17.6	0.171	82	28	2.9	9		80	10	0.124
	2053	14	9.3	7.2	271	1.33	0.034	39	1100	3.7	106.1	19.6	0.209	78	22.4	5.3	9.5		90	10	0.131