

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

**JULY
2022**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JULY 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	16-07-2022	10.45		Domestic			Clear	0.75	Washing		Clear	Odourless	1.7
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	26-7-7-2022	11.30		Agriculture			Clear	1.2			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	14-07-2022	2.00		Agriculture	Domestic		Clear	0.8	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	14-07-2022	2.00		Agriculture	Public Water Supply		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	10-07-2022	2.00		Agriculture	Domestic		Clear	3	Sand Collection		Pale Yellow	Odourless	0.4
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	16-07-2022	11.00		Agriculture	Drinking Water Source		Clear	2.1			Clear	Odourless	0.4
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19-07-2022	3.35		Agriculture	Domestic		Clear	1.5	Washing & Bathing		Pale Yellow	Odourless	0.8
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	18-07-2022	11.20		Domestic			Clear	0.2			Clear	Odourless	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	14-07-2022	11.15		Agriculture	Washing, Domestic Purpose		Clear	2.1	Plantation, Gardening		Pale Yellow	Odourless	0.6
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	<i>Monitoring could not be carried out due to Sampling Problem</i>												
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	11-07-2022	12.42		Domestic			Clear	2			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	18-07-2022	1.40		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	18-07-2022	1.20		Agriculture			Clear	0.5	Fishing		Pale Yellow	Odourless	3

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF JULY, 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	18	5.6	7.6	265	2.1	0.04	93	2400	6	92	12.9	0.631	46	14.4	2.4	7.5		140	30	0.189
2	3709	26	9.8	7.8	125	1.4	0.091	44	2400	37.1	62	11.8	1.429	36	9.6	2.9	6.5		120	20	0.623
	3734	26	7.1	6.5	132	1.2	0.012	6	460	4.6	30	14	0.236	14	4	1	2		120	30	0.094
	3736	26	7.1	7.3	179	0.7	0.011	42	460	3.3	20	28.6	0.445	26	5.6	2.9	4		130	40	0.085
	3754	21	7.3	7.4	233	1.1	0.012	75	2400	9.3	156	23.6	0.224	96	29.6	5.3	4.5		120	20	0.079
3	3757	18	6.1	8.1	181	1.1	0.028	29	1100	5.7	66	10.7	0.543	18	2.4	2.9	6.5		160	20	0.18
4	3720	24	8.9	7.5	115	0.9	0.015	12	240	11	60	15	0.304	30	6.4	3.4	4		70	10	0.131
5	3718	25	5.1	7.4	409	4.3	1.012	21	2400	3.7	114	72	0.711	84	28.8	2.9	23		240	60	0.224
6	3735	27	7	6.5	133	1	0.014	11	1100	37.9	26	10.7	0.331	14	4	1	1.5		90	20	0.097
7	3740	<i>Monitoring could not be carried out due to Sampling Problem</i>																			
8	3712	25	6.4	8.04	84	1.5	0.029	23	2400	55	72	11.8	0.57	32	7.2	3.4	7		80	20	0.19
9	2052	25	5.3	7.8	128	0.5	0.039	24	2400	46.9	76	24.7	0.502	38	8.8	3.8	6		110	40	0.169
	2053	25	5.9	7.6	123	1.45	0.044	19	2400	35.3	72	21.5	0.524	34	9.6	2.4	6.5		120	30	0.186