

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

**MAY
2022**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF MAY 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	16-05-2022	10.45		Domestic			Clear	1.1	Washing		Clear	Odourless	0.7
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	17-05-2022	12.30		Agriculture			Clear	1.5			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	16-05-2022	10.30		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	16-05-2022	1.45		Agriculture	Drinking Water Source		Clear	3.1	Dwelling, Vehicular Movement		Clear	Odourless	0.1
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	08-05-2022	2.30		Agriculture	Domestic		Clear	4	Sand Collection		Pale Yellow	Odourless	1.3
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	16-05-2022	11.00		Agriculture	Drinking Water Source		Clear	0.9			Clear	Odourless	0.9
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	15-05-2022	12.35		Agriculture	Domestic		Clear	2.3	Washing & Bathing		Clear	Odourless	1
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	10-05-2022	11.20		Domestic			Cloudy	0.2			Pale Yellow	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	14-05-2022	10.30		Agriculture	Washing, Domestic Purpose		Clear	1.1	Plantation, Gardening		Clear	Odourless	0.6
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	19-05-2022	10:00		Domestic	Drinking Water Source		Clear	0.3	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	09-05-2022	12.50		Domestic			Clear	0.3			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	10-05-2022	12.40		Agriculture			Clear	0.8	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	10-05-2022	12.50		Agriculture			Clear	0.7	Fishing		Pale Yellow	Odourless	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF MAY, 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	19	6.1	8.3	198	0.47	0.028	150	2400	4.3	111.6	14.2	0.456	76	20	6.2	6		120	30	0.157
2	3709	27	7.4	7.8	137	1.8	0.05	19	2400	64	131.7	15.2	0.802	68	22.4	2.9	4		130	80	0.245
	3734	24	6.8	7.4	151	1.3	0.017	93	1100	4.9	26.8	8.5	0.255	16	2.4	2.4			90	20	0.089
	3736	25	7.2	7.2	130	0.9	0.015	120	1100	4.3	51.3	33.6	0.255	38	9.6	3.4			80	20	0.11
	3754	23	7.4	8	203	1.2	0.023	15	1100	14.6	136.2	24.6	0.327	80	28.8	1.9	6		170	20	0.123
3	3757	18	6.3	7.4	132	0.47	0.016	75	1100	4	89.3	9.5	0.27	30	6.4	3.4	5.5		110	20	0.123
4	3720	23	8.5	7.3	162	1.1	0.247	19	290	4.2	53.6	17.1	4.423	46	10.4	4.8	4		100	60	0.866
5	3718	20	4	7.3	609	3.5	1.055	11	2400	9.8	227.7	76.8	3.029	164	60	3.4	22		601	40	0.393
6	3735	20	7.3	6.2	384	1.3	0.016	14	460	4.2	32	12.3	0.296	30	6.4	3.4			140	30	0.125
7	3740	22	6.1	6.8	258	1.7	0.023	11	150	5.6	162.9	11.4	0.471	102	34.4	3.8	4		70	20	0.159
8	3712	21	5.8	8.4	406	2.5	0.057	20	2400	8.9	180.8	56.9	0.266	120	45.6	1.4	14.5		380	10	0.252
9	2052	21	5.5	7.3	377	0.4	0.076	3.6	2400	56	196.4	35.1	0.779	100	37.6	1.4	13.5		350	80	0.281
	2053	21	5.3	7.5	289	0.7	0.081	3.6	2400	50.3	192	34.1	0.916	104	36	3.4	12.5		280	70	0.302