

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

**JUNE
2022**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JUNE 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	25-06-2022	11.45		Domestic			Clear	1.3	Washing		Pale Yellow	Odourless	0.5
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	21-06-2022	12.00		Agriculture			Clear	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	07-06-2022	12.00		Agriculture		Domestic	Clear	0.9	Washing, Domestic Purpose		Pale Yellow	Odourless	0.3
	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	07-06-2022	1.30		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	12-06-2022	10.30		Agriculture		Domestic	Clear	4.1	Sand Collection		Pale Brown	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	25-06-2022	11.00		Agriculture		Drinking Water Source	Clear	1.1			Pale Yellow	Odourless	0.4
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	12-06-2022	12.45		Agriculture		Domestic	Clear	1.6	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	07-06-2022	11.30		Domestic			Clear	0.3			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	07-06-2022	10.15		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	22-06-2022	11.00		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	13-06-2022	12.50		Domestic			Clear	0.3			Clear	Odourless	0.3
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	07-06-2022	12.30		Agriculture			Clear	1	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	07-06-2022	12.50		Agriculture			Clear	1	Fishing		Pale Yellow	Odourless	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF JUNE, 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	5.2	7.8	215	0.26	0.051	43	1100	100	114	21.5	0.813	46	14.4	2.4	6.5		200	40	0.23
2	3709	26	7.5	7.5	168	1.2	0.146	19	2400	100	78	11.4	2.474	26	6.4	2.4	1.5		150	40	0.78
	3734	25	6.9	7.3	131	1.2	0.015	20	1100	8.8	46	10.4	0.285	10	1.6	1.4	1		110	20	0.104
	3736	26	7.3	7.2	107	0.9	0.012	16	460	4.8	62	40.3	0.239	30	6.4	3.4	4		100	20	0.092
	3754	20	7.5	7.7	124	1.6	0.061	16	460	63.6	86	11.4	1.455	54	17.6	2.4	3		200	20	0.433
3	3757	18	6.1	7.1	195	0.22	0.028	34	460	15.5	70	10.7	0.433	16	4	1.4	6		180	30	0.182
4	3720	21	9	7.3	100	1.5	0.015	11	150	18.5	72	10.4	0.346	40	12.8	1.9	3.5		90	20	0.13
5	3718	25	3.1	7.2	586	2.4	1.016	20	2400	6.2	196	57.8	1.569	146	54.4	2.4	21.5		530	210	0.24
6	3735	26	6.9	7	135	0.9	0.015	19	160	10.4	64	10.4	0.293	10	1.6	1.4	1		90	20	0.111
7	3740	22	8	7.4	175	1.3	0.03	3	42	4.8	62	15.2	0.555	36	9.6	2.9	5.5		90	20	0.175
8	3712	26	5.7	8.2	406	0.9	0.022	23	2400	5.1	134	53.1	0.274	92	30.4	3.8	12		220	100	0.202
9	2052	27	5.7	8.3	187	1	0.012	35	1100	9.8	104	15.2	0.289	56	12	6.2	6		130	20	0.123
	2053	27	5.9	8.4	232	0.38	0.017	35	1100	9.6	96	15.2	0.331	62	20	2.9	6		200	20	0.13