

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

**JUNE
2021**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JUNE, 2021

Sl. No.	Station Code	Name of Station	Location	A. STATIONS DETAILS																
				Co-Ordinates			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	SAMPLING COULD NOT BE DONE DUE TO THE AREA IS DECLARED AS COVID-19 CONTAINMENT ZONE DURING JUNE 2021													
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	08-06-2021	11.15		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	29-06-2021	12.00		Agriculture	Washing, Bathing	Clear	1	Washing, Domestic Purpose	Clear	Odourless	0.3			
	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distret, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	29-06-2021	4.30		Agriculture	Drinking Water Source	Clear	3.5	Fishing	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	30-06-2021	2.00		Agriculture		Clear	1.1	Fishing	Pale yellow	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	12-06-2021	11.30		Agriculture	Drinking Water Source	Clear	2.12		Pale yellow	Odourless	0.14			
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	18-06-2021	12.30		Agriculture		Clear	1.1	Washing & Bathing	Pale yellow	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	21-06-2021	12.00		Domestic		Clear	0.2		Clear	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	29-06-2021	11.00		Agriculture	Washing, Domestic Purpose	Clear	1.3	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	30-06-2021	3.20		Domestic	Drinking Water Source	Clear	0.3		Clear	Odourless	0.5			
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	07-06-2021	1.10		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	21-06-2021	2.15		Agriculture		Clear	3	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	21-06-2021	2.30		Agriculture		Clear	3	Fishing	Pale Yellow	Odourless	0.5			

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF JUNE, 2021**

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	SAMPLING COULD NOT BE DONE DUE TO THE AREA IS DECLARED AS COVID-19 CONTAINMENT ZONE DURING JUNE 2021																			
2	3709	30	7.1	6.09	160	0.5	0.054	460	2400	95	75.8	4	0.494	48	8	6.7			120	90	0.142
	3734	27	7	7.8	54	1.4	0.026	9.1	460	5.4	38.9	8	0.479	36	6.4	4.8					0.096
	3736	26	7.1	7.2	122	1.3	0.021	3	93	2.9	40.9	11.2	0.201	40	8	4.8					0.061
	3754	25	6.3	7.1	169	1.1	0.046	0	290	11.6	51.4	8.9	4.4	48	11.2	4.8					0.079
3	3757	22	6.3	8.5	158	0.78	0.964	3	460	8.5	55.1	22.2	0.551	30	8	2.4					0.073
4	3720	20	6.7	6.8	99	1.4	0.052	0	120	26.7	3.8	4.8	0.562	40	9.6	3.8					0.148
5	3718	23	5.3	7.6	636	2.4	0.917	460	2400	81.8	135.4	60	4.074	140	48	4.8			260	190	0.403
6	3735	27	7.1	7.1	55	1	0.019	0	150	3.5	27.1	6.4	0.224	32	6.4	3.8					0.066
7	3740	22	6.8	7.3	211	1.1	0.023	0	460	2.1	30.1	4.8	0.215	42	8	5.8			70	10	0.067
8	3712	20	6.6	8.2	347	0.9	0.464	210	2400	12.4	90.3	36	0.384	104	32	5.8			220	30	0.302
9	2052	23	6.4	8.2	191	2.1	0.053	210	1100	54.5	81.2	5.6	0.604	66	16	6.2			110	90	0.178
	2053	23	6.5	8.5	199	2	0.057	460	1100	49	81.2	5.6	0.635	68	16	6.7			120	50	0.19