

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

**JUNE
2020**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JUNE, 2020

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	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	15-06-2020	11.00		Domestic			Clear	1.2	Washing		Pale Yellow	Odour free	1.5
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	02-06-2020	1.55		Agriculture			Clear	0.9	Sand collection		Pale Yellow	Odour free	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	16-06-2020	2.50		Agriculture		Washing, Bathing	Clear	0.6	Washing, Domestic Purpose		Pale Yellow	Odour free	0.5
	3736	Tlawng River, Palthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	16-06-2020	3.40		Agriculture		Drinking Water Source	Clear	3.5	Fishing		Clear	Odour free	0.3
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	07-06-2020	2.30		Agriculture			Clear	2	Fishing		Brown	Odour free	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	15-06-2020	11.30		Agriculture		Drinking Water Source	Clear	1.5			Pale Yellow	Odour free	1.8
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	29-06-2020	2.00		Agriculture			Clear	0.6	Washing & Bathing			Odour free	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	01-06-2020	11.00		Domestic			Clear	0.3			Pale Yellow	Odour free	0.6
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	16-06-2020	9.50		Agriculture		Washing, Domestic Purpose	Clear	1	Plantation, Gardening		Pale Yellow	Odour free	0.6
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	11-06-2020	2.00		Domestic		Drinking Water Source	Clear	1.2			Clear	Odour free	N/A
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	09-06-2020	1.05		Domestic			Clear	0.8			Pale Yellow	Odour free	0.6
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	08-06-2020	1.20		Agriculture			Clear	0.9	Fishing		Pale Yellow	Odour free	0.5
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	08-06-2020	1.45		Agriculture			Clear	0.8	Fishing		Pale Yellow	Odour free	0.4

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF JUNE, 2020**

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)	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
1	3756	20	6.9	8.42	167	1.4	0.007			71.4	85.6	13.9	0.186	60	13.6	6.2	0	0		0.032
2	3709	27	6.6	7.8	112	1.4	0.041	3.6	2400	57.2	58.2	8	0.585	74	20.8	5.3	0.5	0		0.118
	3734	26	7	6.16	355	1.4	0.005			2.4	17.1	18.6	0.114	28	7.2	2.4	2.5	0.5		0.011
	3736	25	7.1	7.42	94.6	1.3	0.01			1.1	37.7	23.2	0.122	48	12	4.3	0	0		0.008
	3754	25	4.6	7.4	134	1.4	0.085			100	51.4	8.9	1.398	48	11.2	4.8	0.5	0		0.345
3	3757	20	8.1	7.73	89	1.8	0.01			47.5	51.4	23.2	0.22	30	8	2.4	0	0		0.045
4	3720	23	6.8	7.57	90	1.3	0.008			1.4	3.8	10.7	0.125	64	14.4	6.7	0	0		0.068
5	3718	22	6.1	7.83	458	1.2	0.989	14	2400	3.7	99.3	59.5	0.323	126	36.8	8.2	3	0.5		0.164
6	3735	26	7.1	7.07	32.4	1.2	0.012			7.5	34.2	13.9	0.224	34	8	3.4	0	0		0.014
7	3740	23	9.1	7.55	62	1.9	0.01			6.2	46.2	12.1	0.133	32	8	2.9	0	0		0.024
8	3712	26	5.9	7.49	211	1.2	0.01	0	2400	14.9	71.9	16.9	0.201	96	27.2	6.7	1	0		0.058
9	2052	28	5.8	8.26	168	1.2	0.046	0	2400	12	85.6	13.3	0.274	50	12	4.8	2	0		0.102
	2053	29	5.9	8.23	172	1.3	0.09	0	2400	22.3	65.1	13.3	0.418	50	11.2	5.3	1	0		0.125