

MIZORAM WATER DATA

OCTOBER

2018

**Water Quality Data of Polluted River
stretches in Mizoram
Identified by Central Pollution Control Board**



MIZORAM STATE POLLUTION CONTROL BOARD

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF OCTOBER 2018**

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	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	15.10.2018	11:15		Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	0.4
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	15.10.2018	11:25		Agriculture			Clear	0.4	Fishing		Pale Yellow	Odourless	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	22.10.2018	11:45		Agriculture			Clear	0.3	Sand collection		Pale Yellow	Odourless	0.4
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	24.10.2018	11:50		Domestic			Clear	0.2			Colourless	Odourless	0.2
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	09.10.2018	11:05		Domestic			Clear	0.4			Colourless	Odourless	0.4
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	23.10.2018	2:30		Agriculture			Clear	0.5	Washing & Bathing		Colourless	Odourless	1.05
7	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	22.10.2018	12:10		Agriculture			Clear	1.4	Fishing		Colourless	Odourless	1.1
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	22.10.2018	8:50		Agriculture			Clear	2.7	Fishing		Colourless	Odourless	1.5
9	3736	Tlawng River, Pialthlang, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	22.10.2018	2:00		Agriculture		Drinking Water Source	Clear	3.5	Fishing		Colourless	Odourless	0.1
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	00-01-00	11:00		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	0.7
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	06.10.2018	2:00		Agriculture			Clear	8.5	Fishing		Pale Yellow	Odourless	0.8
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	22.10.2018	10:30		Domestic			Clear	1.1	Washing		Colourless	Odourless	1.4
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	22.10.2018	12:10		Agriculture		Drinking Water Source	Clear	1.8			Pale Yellow	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF OCTOBER YEAR 2018**

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	2052	25	5.6	7.21	171	1.1	0.026	0	2400	0.13	25.7	6.8	0.236	34	8.8	2.9	7	0.515		0.024
2	2053	25	5.5	6.37	168	1	0.03	0	2400	0.21	22.1	6	0.22	30	7.2	2.9	8	1.5		0.039
3	3709	25	5.1	7.12	203	1	0.097	0	35	2.8	23.9	7.7	0.296	32	8.8	2.4	12	2.5		0.149
4	3712	25	4.5	7.54	160	0.8	0.162			1.1	58.8	34.9	0.061	74	20	5.8	13	2		0.001
5	3718	26	3.1	7.14	182	0.5	0.011			0.2	123.2	53	0.156	142	44.8	7.2	82.5	21		0.03
6	3720	21	7.8	6.78			0.001			0.2	45.1	5.5	0.061	34	8	3.4	7.5	1.5		0.003
7	3734	25	8.1	7.11	167		0.159			1	20.2	6	0.027	30	8	2.4	5.5	1		0.001
8	3735	26	7.3	6.67	123		0.005			0.8	19.1	7.8	0.068	8	2.4	0.5	2.5	0.5		0.006
9	3736	25	7.5	7.73			0			0	30.6	7.8	0.304	30	4	4.8	6.5	1.5		0
10	3740	21	7.6	7.18	165		0.005			0.1	22.1	6.8	0.087	28	7.2	2.4	3.5	11		0.004
11	3754	25	6.1	6.77			0.003			11.7	41.7	4.6	0.323	34	8	3.4	5.5	3		0.008
12	3756	21	6.2	6.78	171		0			1	86.8	6.4	0.152	66	18.4	4.8	12.5	2.5		0
13	3757	22	6.3	6.7	171		0.005			5.6	38.2	3.4	0.213	20	4.8	1.9	4.5	2		0.997