

MIZORAM WATER DATA

JUNE

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 JUNE 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	2	3	4	5	6	7	8	9	10	11	12	13
1	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	19.06.2018	10:45		Agriculture			Clear	1.4	Fishing		Pale Yellow	Odourless	0.3
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	19.06.2018	10:15		Agriculture			Clear	1.5	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	20.06.2018	11:15		Agriculture			Clear	1.2	Sand collection		Pale Yellow	Odourless	0.9
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	27.06.2018	11:30		Domestic			Clear	0.3			Colourless	Odourless	0.3
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	06.06.2018	10:50		Domestic			Clear	0.4			Colourless	Odourless	0.3
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19.06.2018			Agriculture			Clear	1	Washing & Bathing		Dark colour	Odourless	1.5
7	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	20.06.2018	2:15		Agriculture			Clear	1.2	Fishing		Pale Yellow	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	20.06.2018	12:20		Agriculture			Clear	1.7	Fishing		Muddy Color	Odourless	1.5
9	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	20.06.2018	3:40		Agriculture		Drinking Water Source	Clear	3.5	Fishing		Colourless	Odourless	0.2
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	04-06-18	11:30		Agriculture		Drinking Water Source	Clear	0.3			Colourless	Odourless	1.1
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	21.06.2018	2:00		Agriculture			Clear	4	Fishing		Brownish	Odourless	1.5
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	20.06.2018	11:35		Domestic			Clear	0.5	Washing		Colourless	Odourless	1.7
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	20.06.2018	12:44		Agriculture		Drinking Water Source	Clear	1.1			Colourless	Odourless	1.1

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JUNE 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)	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
1	2052	28	3.4		478	0.8	0.024	0	2400	1.6	23.9	6	0.099	34	8	3.4				0.22
2	2053	28	3.4		478	0.9	0.033	0	2400	1.1	25.7	6.8	0.078	32	8	2.9				0.24
3	3709	29	4.9		478	0.9	0.039	0	2400	1.4	29.4	6.8	0.258	42	9.6	4.3				0.189
4	3712	28	5		132	0.9	0.031			0.3	60.7	40	0.289	74	18.4	6.7				0.137
5	3718	23	4		114	0.9	0.02			0.2	123.2	66.4	0.156	142	42.2	8.6				0.066
6	3720	25	8.5		155	1.7	0.018			2.1	23.9	6.8	0.018	34	8.8	2.9				0.047
7	3734	25	6.9		201	0.7	0.077			1.1	22.7	13.6	0.212	35	11.8	3.2				0.133
8	3735	24	7.7		156	1.2	0.056			1.7	23.4	8.8	0.516	51	12.7	4.4				0.151
9	3736	26	7.2		135	1.3	0.042			0.1	21.7	11.4	0.417	38	12.8	3.9				0.111
10	3740	24	5.9		158	1.1	0.01			0	23.9	6.8	0.163	32	8	2.9				0.087
11	3754	17	5.5		117	1.1	0.027			1.2	25.7	7.7	0.289	34	8	3.4				0.114
12	3756	21	6.3		240	1.2	0.023			0.1	31.3	6.8	0.293	42	10.4	3.8				0.114
13	3757	21	6.2		131	0.8	0.019			0.4	23.9	7.7	1.254	32	8	2.9				0.069