

MIZORAM WATER DATA

APRIL

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 APRIL 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	09.04.2018	11:45		Agriculture			Clear	0.3	Fishing		Colourless	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	09.04.2018	11:50		Agriculture			Clear	0.2	Fishing		Colourless	Odourless	0.3
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	10.04.2018	11:20		Agriculture			Clear	0.2	Sand collection		Colourless	Odourless	0.3
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	16.04.2018	12:05		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	03.04.2018	10:25		Domestic			Clear	0.5	Fishing		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	18.04.2018	10:25		Agriculture			Clear	0.5	Washing & Bathing		Colourless	Odourless	0.7
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	14.04.2018	4:00		Agriculture			Clear	1.3	Fishing		Colourless	Odourless	0.2
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	14.04.2018	10:45		Agriculture			Clear	1.1	Fishing		Colourless	Odourless	0.4
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	14.04.2018	4:45		Agriculture		Drinking Water Source	Clear	N/A	Fishing		Colourless	Odourless	N/A
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	07.04.2018	2:50		Agriculture		Drinking Water Source	Clear	0.2			Colourless	Odourless	0.6
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	08.04.2018	1:00		Agriculture			Clear	1	Fishing		Colourless	Odourless	1
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	16.04.2018	11:10		Domestic			Clear	0.3	Washing		Colourless	Odourless	1.3
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	16.04.2019	12:30		Agriculture		Drinking Water Source	Clear	0.8			Colourless	Odourless	1.8

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF APRIL 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	27	6.6		868	1.5	0.006	0	2400	0.7	58.5	7.6	0.171	68	16.8	6.2				0.133
2	2053	27	6.5		918	1.4	0.005	0	44	0.5	54.9	7.6	0.201	66	16.8	5.7				0.152
3	3709	28	6.8		748	1.4	0.001	0	2400	2.9	31.1	6.8	0.327	62	14.4	6.2				0.22
4	3712		5.6			1.2					49.4	44.2		52	14.4	6.2				
5	3718	25	5.7		108	1.1	0.014			0.2	135.4	70.5	0.201	154	48.8	7.6				0.069
6	3720	19	7	7.6	494	1.4	0.071			0.04	29.2	6.8	0.144	42	9.6	4.3				0.003
7	3734	25	7.9		786	1.5	0.148			0.06	27.4	6.8	0.106	40	9.6	3.8				0.004
8	3735	26	7.4		524	1.3	0.103			0.03	21.9	6.8	0.156	32	8.8	2.4				0.004
9	3736	24	7.2		570	1.2	0.129			0.07	27.4	7.6	0.143	36	8.8	3.3				0.01
10	3740	28	7.7		824	1.5	0.008			0.2	27.4	6.8	0.163	42	10.4	3.8				0.027
11	3754	22	7.2		116	1.5	0.008			0.7	32.9	6.8	0.217	46	10.4	4.8				0.155
12	3756	19	6.7		939	1.4	0.017			1.3	38.4	8.5	0.198	50	10.4	5.7				0.018
13	3757	18	6.8		928	1.3	0.174			1.1	27.4	9.3	0.426	36	8.8	3.3				0.016