

MIZORAM WATER DATA

DECEMBER

2016

**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 DECEMBER 2016**

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	07.12.2016	10:50		Agriculture			Clear	0.3	Fishing		Pale yellow	Odourless	0.5
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	07.12.2016	10:55		Agriculture			Clear	0.5	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	14.12.2016	9:50		Agriculture			Clear	0.3	Sand collection		Pale yellow	Odourless	0.5
4	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	13.12.2016	12:30		Agriculture			Clear	0.2			Colourless	Odourless	0.9
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	05.12.2016	10:45		Domestic			Clear	0.3			Colourless	Odourless	0.5
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	17.12.2016	10:35		Agriculture			Clear	0.1	Washing & Bathing		Colourless	Odourless	1.05
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	05.12.2016	4:00		Agriculture			Clear	0.4	Fishing		Colourless	Odourless	0.8
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	05.12.2016	12:15		Agriculture			Clear	2	Fishing		Colourless	Odourless	0.9
9	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	05.12.2016	4:00		Agriculture		Public water supply	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	06.12.2016	11:05		Agriculture		Public water supply	Clear	N/A			Colourless	Odourless	0.3
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	12.12.2016	1:00		Agriculture		Fishing	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	01.12.2016	1:30		Domestic			Clear	0.6	Washing		Colourless	Odourless	0.283
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	01.12.2016	3:30		Agriculture		Public Water Supply	Clear	7			Colourless	Odourless	0.3

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF DECEMBER YEAR 2016**

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	22	7.3	7.54	274	1.6	0.056	0	460	2.9	39.4	8.9	0.296	36	8.8	3.3	9	130	80	0.065
2	2053	22	6.9	7.46	194	1.4	0.052	0	290	3.1	33.4	9.9	0.38	30	8	2.4	8	140	60	0.123
3	3709	20	7.7	7.42	277	1	0.048	0	1100	3.8	33.4	7.9	0.327	42	9.6	4.3	15	120	50	0.161
4	3712	20	6.9	7.32	211	1.7	0.05			0.5	159.5	44.6	0.418	136	40.8	8.1	17	110	40	0.152
5	3718	19	3.7	7.41	253	1	0.078	0	2400	0.1	246.2	110.1	0.418	202	62.4	11	14	100	40	0.114
6	3720	17.5		7.33	413		0.046			0.33	31.5	8.9	0.312	40	10.4	3.3	8	120	60	0.086
7	3734	25	7.5	7.33	352	0.6	0.112			1.1	41.5	10.4	0.376	40	8	4.8	15	120	60	0.164
8	3735	24	8.3	7.26	311	0.8	0.101			1.6	40.5	11.4	0.277	48	10.4	5.2	13	130	70	0.137
9	3736	25	8	7.41	264	1.5	0.063			1.2	23.7	8.5	0.391	26	6.4	2.4	21	140	80	0.155
10	3740	26	8.8	7.12	144	1.5	0.068			1	25.7	5.7	0.209	16	4	1.4	8	110	60	0.097
11	3754	25	7.5	7.2	243	1.3	0.055			0.3	52	18.7	0.532	54	11.2	6.2	14	130	70	0.179
12	3756	16	9.2	6.8	218	0.4	0.042			0.1	70	19.2	0.399	46	12	3.8	24	140	70	0.103
13	3757	15	5.8	7.6	248	0.9	0.03			0.12	30	10.6	0.422	38	8.8	3.8	26	120	70	0.134