

MIZORAM WATER DATA

MAY

2019

**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 MAY 2019**

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	15.05.2019	12.30		Agriculture			Cloudy	1.1	Fishing		Light brown	Odourfree	0.6
2	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	15.05.2019	12.50		Agriculture			Cloudy	1.09	Fishing		Light brown	Odourfree	0.9
3	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	15.05.2019	12.20		Agriculture			Clear	1.24	Sand collection		Light brown	Odourfree	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	13.05.2019	12.40		Domestic			Clear	0.6			Light brown	Odourfree	0.7
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	06.05.2019	11.05		Domestic			Clear	1.3			Colourless	Odourfree	0.7
6	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	18.05.2019	12.15		Agriculture	Plantation, Kitchen Garden		Clear	0.3	Washing & Bathing		Colourless	Odourless	0.5
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	15.05.2019	2.15		Agriculture			Clear	0.5	Fishing		Clear	Odour free	0.7
8	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	14.05.2019	9.00		Agriculture			Clear	1.7	Fishing		Clear	Odour free	1
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	15.05.2019	11.45		Agriculture	Drinking Water Source		Clear	N/A	Fishing		Clear	Odour free	N/A
10	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	21.05.2019	9.15		Agriculture	Drinking Water Source		Clear	0.2			Colourless	Odourfree	0.67
11	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	14.05.2019	2.30		Agriculture			Cloudy	3.1	Fishing		Pale brown	Odourfree	0.45
12	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	01.05.2019	10.00		Domestic			Clear	0.1	Washing		Colourless	Odourfree	0.61
13	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	01.05.2019	10.30		Agriculture	Drinking Water Source		Clear	0.26			Colourless	Odourfree	0.64

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF MAY YEAR 2019**

Sl.No	Station Code	B. CORE PARAMETERS								C. GENERAL PARAMETERS										
		Water Temp (°C)	D.O (mg/L)	pH	Conductivity μ s/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	24	5.2	7.91		1.8	0.282	0	2400	16.9	37.8	12.5	5.799	68	16.8	6.2	29.5			0.296
2	2053	25	4.7	8.03		1.7	0.302	0	2400	19.2	33.3	10.7	5.715	62	16	5.3	28.5			0.398
3	3709	30	5.7	7.95		1.9	0.034	0	460	1.2	82.2	27.7	0.616	64	16.8	5.3	24			0.133
4	3712	26	6.5	8.23		2.1	0.187	0	1100	1.5	115.6	23.2	0.756	110	32.8	6.7	72			0
5	3718	25	4.1	7.83		2.6	0.518	3.6	2400	1	228.9	110.7	6.494	194	60	10.6	98.5			0.021
6	3720	22	7.9	7.69		2.1	0.174			0.4	146.7	8	0.743	68	18.4	5.3	26.5			0.857
7	3734	19	6.6	7.08		1.7	0.033			0.2	33.3	8.9	0.27	20	5.6	1.4	14			0.031
8	3735	20	7.2	7.03		1.9	0.015			0.1	22.2	8	0.338	30	8	2.4	35			0.059
9	3736	21	7.1	7.69		1.9	0.044			0.3	35.6	8.9	0.369	36	8.8	3.4	20.5			0.054
10	3740	21	6.8	6.1		1.9	0.021			0.2	68.5	18.2	0.278	56	13.6	5.8	18			0.145
11	3754	21	5.5	7.51		1.9	0.068			0.8	55.6	8.9	0.296	72	20	5.3	26			0.034
12	3756	19	6.3	7.3		2.3	0.01			0	102.2	17	0.464	100	27.2	7.7	16			0.068
13	3757	18.5	6.1	6.1		2.3	0.015			0.1	66.7	10.7	0.296	36	9.6	2.9	11			0.017