



**STATUS OF WATER QUALITY OF IMPHAL RIVER, IRIL RIVER, MANIPUR RIVER, THOUBAL RIVER, WANGJING RIVER, KHUGA RIVER, KHUJAIROK RIVER AND LOKCHAO RIVER**

**Status of Water Quality of Imphal River (January, 2017–March, 2019)**

Location	Year	DO		pH		BOD (mg/L)		COD (mg/L)		Total Coliform (MPN/100ml)	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Koirengei	2017	10.7	4.1	7.2	6.9	4.3	2.6	4.6	3.5	60	40
	2018	7.9	6.7	7.5	6.9	3.3	2.6	11.0	9.0	89	25
	2019	7.9	7.0	7.5	6.9	2.6	2.2	11.0	9.0	95	60
Minuthong	2017	4.3	2.1	7.0	6.6	6.0	3.2	7.1	5.4	120	85
	2018	7.3	5.8	7.4	6.6	2.2	1.7	16.9	13.0	80	60
	2019	7.2	6.4	7.3	6.5	2.9	2.0	15.0	11.0	340	180
Mahabali	2017	4.2	3.5	7.2	6.6	2.9	1.5	3.1	2.1	100	65
	2018	7.9	6.7	7.5	6.9	3.6	2.1	14.0	10.2	140	80
	2019	8.1	6.6	7.5	6.0	2.8	2.0	13.0	9.0	180	150

**Status of Water Quality of Iril River (January, 2017–March, 2019)**

Location	Year	DO		pH		BOD (mg/L)		COD (mg/L)		Total Coliform (MPN/100ml)	
		Max	Min	Max	Min	Max	Min			Max	Min
Kangla Siphai	2017	6.3	2.5	7.2	7.0	1.0	0.9	1.9	0.9	70	25
	2018	7.9	6.7	7.5	7.0	3.6	2.6	13.4	9.6	140	65
	2019	8.1	6.5	7.5	6.8	2.5	2.1	12.5	8.0	110	145
Porompat	2017	6.1	3.5	7.3	6.9	2.2	1.5	2.7	1.2	150	80
	2018	6.9	6.8	7.5	7.0	3.4	2.8	11.3	9.2	230	65
	2019	7.9	7.0	7.5	6.9	3.0	2.3	15.2	9.0	120	89
Lilong	2017	6.8	3.5	7.3	6.8	1.6	1.0	1.9	1.1	150	80
	2018	7.3	6.8	7.8	6.8	3.5	2.0	19.8	7.8	140	75
	2019	7.7	6.5	7.5	7.0	2.9	2.2	14.0	9.0	140	80



**Status of Water Quality of Manipur River (January, 2017–March, 2019)**

Location	Year	DO		pH		BOD (mg/L)		COD (mg/L)		Total Coliform (MPN/100ml)	
		Max	Min	Max	Min	Max	Min			Max	Min
Yairipok	2017	7.1	4.3	7.1	6.5	1.6	1.0	1.8	0.9	70	56
	2018	8.3	4.5	7.6	6.8	5.7	3.1	20.1	14.6	165	70
	2019	10.5	6.1	7.8	6.7	5.3	1.2	18.9	4.2	495	135
Sekmai jin	2017	6.5	1.5	7.2	6.0	1.6	0.9	1.9	0.8	75	52
	2018	4.0	2.4	7.8	6.6	4.1	1.8	21.2	11.6	330	266
	2019	8.1	7.2	7.3	7.2	3.1	2.9	14.9	13.0	75	70
Ithai	2017	6.3	3.5	7.2	6.5	1.3	1.1	1.6	0.9	130	120
	2018	6.7	3.3	7.4	7.1	4.6	2.0	20.6	11.4	312	184
	2019	7.3	6.3	7.5	6.9	3.2	2.0	21.0	8.9	90	60

**Status of Water Quality of Thoubal River (January, 2017–March, 2019)**

Location	Year	DO		pH		BOD (mg/L)		COD (mg/L)		Total Coliform (MPN/100ml)	
		Max	Min	Max	Min	Max	Min			Max	Min
Litan	2017	7.2	4.0	7.2	6.7	0.9	0.5	1.0	0.8	70	52
	2018	10.7	4.8	7.6	6.8	4.6	2.6	18.6	7.8	160	100
	2019	8.5	7.1	7.3	6.9	3.4	2.5	13.0	7.0	115	60

**Status of Water Quality of Wangjing River (January, 2017–March, 2019)**

Location	Year	DO		pH		BOD (mg/L)		COD (mg/L)		Total Coliform (MPN/100ml)	
		Max	Min	Max	Min	Max	Min			Max	Min
Hei rok	2017	7.4	4.3	7.2	6.7	1.0	0.9	1.2	1.0	40	25
	2018	7.3	6.8	7.8	6.8	2.9	2.0	15.8	9.6	150	80
	2019	7.3	6.8	7.4	6.9	3.0	2.7	16.0	7.0	175	75



Table 10: Status of Water Quality of Khuga River (January, 2017–March, 2019)

Location	Year	DO		pH				BOD (mg/L)		COD (mg/L)	
		Max	Min	Max	Min	Max	Min			Max	Min
Churachandpur Bazar	2017	7.2	4.0	7.6	7.1	3.7	1.2	6.7	2.4	530	80
	2018	7.9	7.0	7.8	6.6	4.2	0.8	14.7	4.2	530	60
	2019	7.9	6.9	7.5	6.9	4.3	2.7	15.6	11.9	400	40
Khuga Dam	2017	6.4	4.6	7.5	7.1	2.8	1.2	10.0	4.5	155	50
	2018	8.7	6.4	8.3	7.1	2.2	0.8	11.1	4.1	250	80
	2019	5.6	4.4	7.2	7.1	2.8	1.8	10.7	5.0	100	75

Status of Water Quality of Khujairok River (January, 2017–March, 2019)

Location	Year	DO		pH				BOD (mg/L)		COD (mg/L)	
		Max	Min	Max	Min	Max	Min			Max	Min
Moreh Bazar	2017	9.2	3.4	7.8	7.0	2.9	0.7	21.8	2.8	1020	40
	2018	10.2	4.5	7.9	7.1	3.7	0.7	22.7	3.9	1035	30
	2019	7.3	6.6	7.4	7.1	4.1	2.6	24.0	4.7	1009	35

Status of (Bishnupur) Water Quality of Lokchao River (January, 2017–March, 2019)

Location	Year	DO		pH				BOD (mg/L)		COD (mg/L)	
		Max	Min	Max	Min	Max	Min			Max	Min
Near Bishnupur Bazar at Bishnupur Lokchao Bridge	2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2018	7.0	6.2	7.4	7.1	5.4	1.8	14.8	4.2	135	60
	2019	7.6	6.4	7.6	7.0	4.4	1.5	13.4	3.2	80	20