

## Water Quality Characteristics of Rivers in Uttarakhand Class wise

### River Ganga U/S Laxmanjhula. Rishikesh

S N	Year	Temp <sup>0</sup> C	pH	DO (mg/L)	BOD (mg/L)	Total Coliform MPN/100mL
1	2012- 13	16.8	7.87	8.5	1.2	77
	Outdoor bathing (Oganise) B class	-	6.5 -8.5	5 mg/L	3mg/l or less	500 MPN/100 mL

### Ganga Canal Rishikul bridge D/S Har ki pouri, Haridwar.

S N	Year	Temp <sup>0</sup> C	pH	DO (mg/L)	BOD (mg/L)	Total Coliform MPN/100mL
1	2012-13	20.6	7.93	8.12	2.46	192.7
	Outdoor bathing (Oganise) B class	-	6.5 -8.5	5 mg/L	3mg/l or less	500 MPN/100 mL

### Uppper Ganga Canal D/S Roorkee, Haridwar.

S N	Year	Temp <sup>0</sup> C	pH	DO (mg/L)	BOD (mg/L)	Total Coliform MPN/100mL
1	2012-13	22.4	8.01	7.8	2.78	238
	Outdoor bathing (Oganise) B class	-	6.5 -8.5	5 mg/L	3mg/l or less	500 MPN/100 mL

### River Ganqa D/S Missarpur, Haridwar

S N	Year	Temp <sup>0</sup> C	pH	DO (mg/L)	BOD (mg/L)	Total Coliform MPN/100mL
1	2012- 13	22.1	7.78	7.1	6.73	>1600
	Propagation of Wild life and Fisheries-D class	-	6.5 -8.5	4 mg/l or more	-	-

**River Bhagirathi at Gangotri, Uttarkhashi**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
4	2012-13	8.0	8.38	8.6	0.00	NIL
	Drinking Water source without  conventional treatment but after disinfection-A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Bhagirathi B/CAkanda Devpryaq, Distt. Tehri garhwal**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012- 13	16.9	8.25	9.15	1.2	Nil
	Drinking Water source without  conventional treatment but after disinfection-A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Yamuna U/S Lakhawar Dam Dehradun**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012-13	19.2	8.21	8.2	1.70	NIL
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Yamuna U/S Dakpather Dehradun**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012-13	18.1	8.23	8.3	2.20	220
	Water Quality Criteria for B class	-	6.5 -8.5	5 mg/L	3 mg/L orless	500 or less

**River Yamuna at Yamunotri, Uttarkhashi**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012-13	3.2	7.20	8.6	0.00	NIL
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Yamuna D/S Syanachati, Uttarkhashi**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012-13	10.1	8.90	8.8	0.00	NIL
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Alaknanda B/C Mandakini Rudrapyag, Distt. Rudrapyag**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012- 13	16.5	8.03	9.4	0.8	Nil
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Mandakini B/C Alaknanda Rudrapyag, Distt. Rudrapyag**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012-13	16.9	8.14	8.9	0.95	Nil
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Alaknanda A/C Mandakini Rudrapryag, Distt. Rudrapryag**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012- 13	16.3	8.08	8.9	0.75	Nil
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Alaknanda B/C Bhagirathi Devpryag, Distt. Tehri Garhwal**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012- 13	16.5	8.12	9	1.1	Nil
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River AlaknandaA/C Bhagirathi Devpryag, Distt. Tehri Garhwal**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012- 13	16.7	8.07	8.8	1.25	Nil
	Water Quality Criteria for A class	-	6.5 -8.5	6 mg/l or more	2mg/l or less	50 or less

**River Suswa, Mathurawala, Dehradun**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012- 13	23.6	7.59	2.8	28.2	>1600
	Propagation of Wild life and Fisheries-D class	-	6.5 -8.5	4 mg/l or more	-	-

**River Ganqa D/s Raiwala, Dehradun**

<b>S N</b>	<b>Year</b>	<b>Temp<sup>0</sup>C</b>	<b>pH</b>	<b>DO (mg/L)</b>	<b>BOD (mg/L)</b>	<b>Total Coliform MPN/100mL</b>
1	2012- 13	19.7	7.76	6.8	5.85	>1600
	Propagation of Wild life and Fisheries-D class	-	6.5 -8.5	4 mg/l or more	-	-