

Monthly Water quality Characteristics of rivers in Uttarakhand (2011-12)

Month	Station Code	pH	Temp.0C	DO mg/l	BOD mg/l	Fecal Coliform MPN/100 ml	Total Coliform MPN/100 ml
Jan-11	0160	7.26	11.4	10.4	1.4	Nil	Nil
	0161	7.2	16.3	6	11	-	58x10 ⁴
Feb-11	0160	7.2	14.2	11	2.4	Nil	5
	0161	8.12	16.1	8.8	10.4		10x10 ³
Mar-11	0160	7.49	18.8	9	1.3	Nil	22
	0161	7.95	21	5.4	4.6		8x10 ³
April-11	0160	7.49	18.8	9	1.3	Nil	22
	0161	8.5	21.4	4.2	8.8		>1600
May-11	0160	7.75	19.5	8.4	1.4	Nil	150
	0161	7.33	21	4.2	8.8		>1600
Jun-11	0160	7.55	19	7.6	0.6	Nil	200
	0161	7.51	20	5.8	12		>1600
July-11	0160	7.33	19	8	1.6	Nil	200
	0161	6.74	22.4	7	4.6		>1600
Aug-11	0160	8.42	19.5	9.6	2.8	Nil	100
	0161	7.82	23.3	6.2	3.4		>1600
Sep-11	0160	8.3	19	8	3	Nil	200
	0161	8.1	24.5	7.2	2.8		>1600
Oct-11	0160	8.12	16.5	8.4	2.6	Nil	100
	0161	7.84	20.5	7.2	5.8		>1600
Nov-11	0160	7.01	17.8	8.8	1	Nil	100
	0161	7.42	18.4	6.4	5.6		>1600
Dec-11	0160	7.85	14	9.6	0.2	Nil	80
	0161	6.88	16.5	8.2	4.6		>1600
Jan-12	0160	6.84	13	9.2	1.2	Nil	60
	0161	8	15.4	8.6	5.8		>1600
Feb-12	0160	7.43	15.3	7.8	1.2	Nil	70
	0161	7.44	19.6	6.2	7.2		>1600
Mar-12	0160	7.48	16	8.8	1	Nil	110
	0161	5.94	21.6	6	8.4		>1600

Quarterly Water Characteristics of Rivers in Uttarakhand (2011-12)

Month	Station code	pH	Temp.0C	DO mg/l	BOD mg/L	Fecal Coliform MPN/100 ml	Total Coliform MPN/100 ml
April-11	1484	7.18	18	9.8		Nil	Nil
	1485	7.76	18	8.2		Nil	Nil
	1486	8.23	18	10.2	0.8	Nil	Nil
	1487	7.64	18.5	9.2	1.9	Nil	Nil
	1488	7.63	17.3	7.6	Nil	Nil	Nil
	1489	7.39	18.7	8	0.8	Nil	Nil
	1490	8.09	20.5	8.4	1.2	Nil	12
	1494	7.9	22	8	1.2	Nil	Nil
	July-11	1484					Nil
1485						Nil	Nil
1486						Nil	Nil
1487		8.56	16.5	8.2	0.6	Nil	Nil
1488		8.48	17.2	8	1	Nil	Nil
1489		8.5	16.5	8.4	0.8	Nil	Nil
1490		7.43	23.4	7	1.2	Nil	12
1494		7.22	22.2	6.2	0.6	Nil	Nil
Oct-11		1484	8.5	15.3	9.6		Nil
	1485	8.67	15.6	9		Nil	Nil
	1486	8.6	15.4	8.8		Nil	Nil
	1487	8.19	19	9		Nil	Nil
	1488	8.58	19	8.8		Nil	Nil
	1489	8.12	19.2	9		Nil	Nil
	1490	8.07	19.18	8.2	2.4	Nil	12
	1494	8.15	19	8.6	1.6	Nil	v
	Jan-12	1484	7.53	10.8	11.4	Nil	Nil
1485		7.35	11.5	9.6	Nil	Nil	Nil
1486		7.2	11	9.6	Nil	Nil	Nil
1487		7.4	13.9	11.2	Nil	Nil	Nil
1488		7.21	17.7	9.8	Nil	Nil	Nil
1489		7.28	15	10.4	0.6	Nil	Nil
1490		8.12	15.2	8.6	2.2	Nil	11
1494		7.85	14.2	8.1	1	Nil	Nil

Halfyearly Water Quality Characteristics of Rivers in Uttarakhand (2011-12)

Month	Station code	PH	Temp.0C	DO mg/l	BOD mg/L	Fecal Coliform MPN/100 ml	Total Coliform MPN/100 ml
April-11	1491	8.12	8	8.9	Nil	Nil	Nil
	1492	7.6	7.9	8.2	Nil	Nil	Nil
	1493	7.87	8.6	9.3	Nil	Nil	Nil

Note: Station code of each station

- 1060 (Monthly Monitoring)-Laxman Jhula, Rishikesh ,
 1061 (Monthly Monitoring) – Missarpur, Haridwar ,
 1484 (Quarterly Monitoring)-Alkananda B/C Mandakini Rudarapryag ,
 1485 (Quarterly Monitoring)- Mandakini B/C Alkananda Rudarapryag ,
 1486 (Quarterly Monitoring)-Alkananda A/C Mandakini Rudarapryag ,
 1487 (Quarterly Monitoring)-Alkananda B/C Bhagirati Devparayag ,
 1488 (Quarterly Monitoring)-Bhagirati B/C Alkananda Devparayag ,
 1489 (Quarterly Monitoring)-Alkananda A/C Bhagirati Devparayag ,
 1490 (Quarterly Monitoring)-Yamuna U/S Dakpathar, Dehradun ,
 1491 (Yearly)-River Bhagirathi ,
 1492 (Yearly)-River Yamuna (Yamunotri) ,
 1493 (Yearly)-River Yamuna (Sayanachatti) ,
 1494 (Quarterly Monitoring)-Yamuna U/S Lakhwar Dam, Dehradun

Upper Ganga Canal Rishicul Bridge D/S Harkipouri Haridwr

(Year 2011-12)

Sr. NO.	Month	Temp °C	pH	DO (mg/L)	BOD (mg/L)	Total Coliform /100ml
1.	Jan-2011	13.2	7.12	10.2	3.8	200
2.	Feb-2011	15.8	8.26	10.2	3.4	200
3.	March-2011	17.0	8.1	8.0	2.4	7X10 ²
4.	April-2011	19.0	7.92	8.8	2.6	350.0
5.	May-2011	20.0	8.03	7.6	3.0	360.0
6.	June-2011	20.4	7.87	7.0	3.8	320.0
7.	July-2011	21.5	7.3	7.8	1.2	294
8.	August-2011	21.5	7.68	6.8	2.2	200
9.	September-2011	22.0	7.92	7.8	5.0	200
10.	October-2011	19.2	7.42	7.4	3.6	200
11.	November-2011	17.2	7.48	8.8	3.2	200
12.	December-2011	14.0	7.21	10.0	2.8	170
	Average	18.4	12	8.36	3.0	-

