

Avg. Water Quality Characteristics Data

Stations	2012					2013					2014					D.B.U. Class
	Temp (°C)	pH	DO (mg/L)	BOD (mg/L)	Total Coliform (MPN/100 mL)	Temp (°C)	pH	DO (mg/L)	BOD (mg/L)	Total Coliform (MPN/100 mL)	Temp (°C)	pH	DO (mg/L)	BOD (mg/L)	Total Coliform (MPN/100 mL)	
River Bhagirathi at Gangotri	8.0	8.38	8.6	-	-	7	8.4	8.8	-	-	15.0 (10.0-19.0)	7.86 (7.58-8.2)	9.05 (7.8-10.2)	0.95 (0.6-1.4)	-	A
River Alaknanda B/C River Mandakini at Rudraprayag (Quarterly)	16.35 (10.8-20.4)	8.0 (7.53-8.5)	9.65 (8.6-11.4)	0.55 (0.0-1.0)	-	15.76 (11.3-19.0)	8.03 (7.62-8.4)	9.06 (7.8-10.6)	0.9 (0.8-1.0)	-	15.0 (11.0-18.0)	7.92 (7.46-8.24)	9.0 (8.6-9.6)	0.85 (0.6-1.2)	-	A
River Mandakini B/C River Alaknanda, at Rudraprayag (Quarterly)	16.9 (11.5-20.6)	8.0 (7.35-8.5)	8.85 (8.0-9.6)	0.75 (0.0-1.4)	-	15.16 (11.5-18.0)	8.07 (7.41-8.4)	8.6 (7.4-9.8)	0.55 (0.2-0.8)	-	15.75 (12.0-19.0)	7.93 (7.9-8.21)	8.65 (7.4-10.0)	1.15 (0.8-1.4)	-	A
River Alaknanda A/C River Mandakini at Rudraprayag (Quarterly)	16.25 (11.5-20.6)	7.98 (7.2-8.5)	8.85 (8.2-9.6)	0.55	-	15.76 (11.3-19.0)	8.09 (7.57-8.4)	8.53 (7.6-10.0)	1.2 (0.8-1.6)	-	15.75 (12.0-19.0)	8.0 (7.67-8.29)	9.25 (7.8-10.8)	1.0 (0.6-1.4)	-	A
River Bhagirathi B/C River Alaknanda at Devprayag (Quarterly)	17.82 (17.0-19.0)	8.1 (7.21-8.5)	6.95 (1.2-9.8)	0.86 (0.0-1.4)	-	17 (14.0-20.0)	8.24 (7.79-8.6)	9.26 (7.4-11.2)	1.15 (0.4-1.8)	-	16.0 (12.0-19.0)	7.93 (7.56-8.22)	8.75 (7.4-9.8)	1.2 (1.0-1.8)	-	A
River Alaknanda B/C River Bhagirathi at Devprayag (Quarterly)	16.85 (13.9-18.2)	8.1 (7.4-8.5)	9.4 (8.4-11.2)	0.8 (0.0-1.2)	-	16.6 (12.8-19.0)	8.17 (7.48-8.7)	8.73 (7.6-9.8)	1.6 (1.2-2.0)	-	15.75 (12.0-19.0)	7.93 (7.62-8.21)	8.65 (7.4-10.0)	1.15 (0.8-1.4)	-	A
River Alaknanda A/C River Bhagirathi, at Devprayag (Quarterly)	16.97 (15.0-18.0)	7.8 (7.2-8.5)	9.05 (8.2-10.4)	1.1 (0.6-1.4)	-	16.73 (13.2-20.0)	8.26 (7.86-8.5)	8.8 (7.6-10.0)	1.55 (1.2-2.0)	-	15.0 (10.0-19.0)	7.86 (7.58-8.2)	9.05 (7.8-10.2)	0.95 (0.6-1.4)	-	A
River Ganga U/S Lakshmanjhula at Rishikesh (Monthly)	17.33 (10.0-22.0)	7.69 (6.84-8.24)	8.45 (7.8-9.2)	1.2 (1.0-1.8)	94.54 (30.0-240)	16.73 (10.6-21.0)	7.88 (7.72-8.18)	8.56 (7.4-9.2)	1.45 (0.8-2.4)	31.92 (14-110)	16.45 (11.0-20.0)	7.7 (7.31-7.97)	8.6 (7.4-9.4)	1.1 (0.8-1.4)	18.09 (0.0-40.0)	A
Upper Ganga Canal D/S Har-ki -Pauri at Haridwar (Monthly)	19.28 (14.5-23.3)	7.71 (6.86-8.32)	8.2 (7.4-9.6)	2.5 (1.2-3.8)	245.4 (100.0-500.0)	14 (0.0-14.0)	8.18 (7.66-8.5)	8.05 (6.2-8.8)	2.18 (1.6-2.8)	115.45 (50.0-240)	18.45 (14.0-22.0)	7.70 (7.46-7.86)	8.4 (7.8-9.0)	1.8 (1.4-2.2)	91.0 (26.0-170.0)	B
River Ganga D/S Missarpur at Haridwar (Monthly)	21.20 (15.4-23.50)	7.63 (5.9-8.7)	7.1 (6.0-8.6)	6.6 (2.4-15.0)	>1600	19 (0-19.0)	7.84 (7.5-8.32)	6.45 (5.6-7.8)	5.14 (2.2-7.8)	(500->1600)	23.6 (15.0-27.0)	7.6 (6.3-8.1)	5.52 (4.0-6.4)	5.2 (3.2-7.2)	>1600	D
Upper Ganga Canal D/S Roorkee at Haridwar (Monthly)	20.9 (14.5-24.0)	7.7 (6.8-8.7)	7.9 (7.2-9.2)	2.6 (1.4-4.2)	258 (160-500)	15 (0-15.0)	7.94 (7.34-8.3)	7.84 (7.2-8.8)	10.04 (1.2-30.0)	235 (110-500)	18.36 (15.0-27.00)	7.69 (7.15-8.09)	7.7 (7.2-8.8)	2.18 (1.6-2.8)	188.18 (80.0-350)	B
River Ganga D/S Raiwala at Dehradun (Monthly)	21.8 (13.0-27.7)	7.9 (7.3-8.6)	6.8 (5.8-8.0)	6.2 (1.6-11.4)	>1600 (300->1600)	19.74 (13.0-24.0)	7.85 (7.42-8.2)	6.83 (6.0-7.4)	5.45 (2.0-13.0)	(300->1600)	20.45 (14.0-25.0)	7.71 (7.5-7.93)	6.8 (6.2-7.6)	6.0 (1.6-12.0)	>1600 (220->1600)	D
River Suswa D/S Mathurawala at Dehradun (Monthly)	24.6 (17.0-31.6)	7.4 (6.4-7.8)	2.6 (0.0-5.8)	27.6 (12.0-46.0)	>1600	23.74 (15.8-30.0)	7.70 (7.34-8.0)	3.50 (1.8-6.4)	26.66 (14.0-44.0)	>1600	23 (17.0-28.0)	7.59 (7.42-7.72)	3.03 (1.0-6.0)	32.45 (9.0-48.0)	>1600	E
River Yamuna U/S Yamnotri (Yearly)	3.2	7.2	8.6	-	-	3.0	7.8	8.4	-	-	3.0	7.6	8.4	0.0	0.0	A
River Yamuna D/S Syanachati	10.1	8.9	8.8	-	-	8.0	8.2	8.8	-	-	7.0	7.8	8.6	0.0	0.0	A
River Yamuna U/S Lakwar Dam Dehradun	19.7 (14.2-24.3)	8.0 (7.4-8.7)	8.2 (7.6-8.8)	1.6 (1.0-2.2)	-	18.06 (12.2-23.0)	8.12 (7.8-8.5)	7.46 (5.2-8.8)	1.85 (1.4-2.4)	-	18.0 (13.0-21.0)	8.16 (8.01-8.31)	7.05 (4.2-8.6)	1.3 (0.8-1.8)	0.5 (0.0-2.0)	A
River Yamuna U/S Dakpathar Dehradun	18.7 (15.2-23.5)	8.2 (8.0-8.4)	8.3 (8.0-8.6)	2.2 (1.8-2.6)	230 (110-350)	17.6 (12.8-23.0)	8.13 (7.9-8.22)	7.46 (6.0-8.4)	1.95 (1.2-2.6)	43.66 (21.0-70.0)	17.5 (14.0-21.0)	8.2 (8.05-8.29)	7.75 (6.6-8.4)	1.55 (1.2-2.2)	7.0 (0.0-17.0)	A
River Kosi, Bazpur Road, Udham Singh Nagar						16.27 (11.0-23.0)	7.32 (7.1-7.7)	7.48 (6.5-8.2)	2.95 (2.2-5.2)	-	17.8 (11.0-23.0)	7.28 (7.1-7.70)	7.48 (6.5-8.2)	2.76 (2.2-5.2)	-	B
River Dhella U/S Moradabad Road, Udham Singh Nagar						17.28 (11.0-23.0)	7.35 (6.9-7.6)	0.72 (0.0-2.2)	46.72 (18.0-76.0)	-	17.27 (11.0-23.0)	7.35 (6.9-7.36)	0.73 (0.0-1.2)	47.2 (18.0-76.0)	-	E
River Dhella D/S Thakurdwara, Aliganj Road, Udham Singh Nagar						17.0 (12.0-23.0)	7.16 (6.6-7.8)	1.08 (0.4-2.6)	24.7 (13.0-44.0)	-	17.0 (12.0-23.0)	7.03 (6.7-7.80)	1.06 (0.4-2.6)	23.2 (13.0-44.0)	-	E
River Bhella U/S Kashipur, Udham Singh Nagar						17.36 (12.0-23.0)	7.03 (6.7-7.2)	1.32 (0.4-2.2)	19.5 (6.5-45.0)	-	17.36 (12.0-23.0)	7.06 (6.70-7.2)	1.32 (0.4-2.2)	19.25 (6.5-45.0)	-	E
River Bhella D/S Kashipur, Udham Singh Nagar						17.1 (12.0-23.0)	6.89 (6.5-7.2)	0.74 (0.0-1.6)	20.95 (7.5-32)	-	17.1 (12.0-23.0)	6.8 (6.5-7.2)	0.74 (0.0-1.6)	19.72 (7.5-32.0)	-	E

❖ Values in parenthesis is mean of Min. & Max