

Ambient Air Quality Characteristics (Year 2021) Garhwal Region

City	Dehradun												Rishikesh								Haridwar							
Locations	Clock Tower				Raipur Road				Himalayan Drug, ISBT				Nagar Nigam				SPS Hospital				SIDCUL				Rishikul			
Zone	Commercial				Commercial/ Residential				Commercial/ Industrial				Commercial				Commercial				Industrial				Industrial			
Month	P.M.10	PM2.5	SO2	NO2	P.M.10	PM2.5	SO2	NO2	P.M.10	PM2.5	SO2	NO2	P.M.10	PM2.5	SO2	NO2	P.M.10	PM2.5	SO2	NO2	P.M.10	PM2.5	SO2	NO2	P.M.10	PM2.5	SO2	NO2
January	173.27	100.29	24.23	28.53	155.34	89.97	23.47	27.65	179.81	99.74	24.28	28.51	151.15	79.36	22.11	27.17	146.78	85.14	21.78	26.71	129.75	-	10.02	17.15	134.87	-	9.38	18.74
February	181.81	98.09	24.10	28.54	160.65	90.97	23.28	27.82	179.91	99.98	24.27	28.52	161.33	92.54	22.34	26.65	172.79	109.37	23.35	27.38	125.18	-	10.43	17.52	134.65	-	10.48	19.04
March	217.42	107.30	22.31	27.22	166.11	88.88	22.81	27.15	179.91	107.05	24.19	28.44	176.36	92.54	21.27	26.49	182.22	104.28	22.99	27.38	123.18	-	11.52	20	138.12	-	12.22	21.32
April	227.07	109.02	21.52	27.41	162.31	87.22	20.91	26.82	191.80	97.91	23.79	27.82	176.74	88.22	18.41	25.09	188.65	98.96	20.20	26.33	131.53	87.48	87.48	11.21	137.40	88	12.18	20.88
May	125.62	71.53	19.73	23.89	100.28	63.35	17.52	21.96	124.72	71.73	18.98	23.01	75.90	53.14	16.68	22.22	84.10	60.93	17.51	21.68	89.94	49.02	49.02	*	95.8	51.56	7.07	11.9
June	122.85	72.76	20.97	24.08	114.03	66.81	20.11	22.47	144.17	75.8	21.36	24.40	95.63	66.63	19.51	24.45	121.52	76.68	19.22	24.35	89.40	52.3	52.3	*	100.50	58.85	10.96	16.16
July	149.86	76.03	21.58	23.48	123.27	73.64	20.66	24.00	133.2	77	21.6	24.84	116.89	71.36	19.10	23.82	121.52	76.68	19.22	24.35	94.37		9.93	15.52	122.63	-	11.32	17.44
August	119.54	99.49	21.71	24.73	113.4	84.75	20.36	23.73	125.43	102.29	22.01	24.58	119.39	76.43	19.54	24.11	123.27	74.92	19.72	25.35	101.66	75.81	75.81	11.40	17.81	110.49	11.40	17.40
Sept	99.60	73.48	19.59	23.43	105.25	71.61	18.87	23.42	111.37	84.51	20.27	20.05	110.73	60.72	17.41	23.99	113.62	63.00	17.72	24.09	105.23	83.13	12.88	18.79	112.59	-	12.59	21.32
Average	157.45	89.78	21.75	25.70	133.40	79.69	20.89	25.00	152.26	90.67	22.30	25.57	131.57	75.66	19.60	24.89	137.50	83.13	20.16	25.15	110.03	69.55	11.06	18.07	10.84	18.24	10.84	18.24
Standards :																												
Annual	60		20	30	60		20	30	60		20	30	60		50	40					60				60			
24 hours	100		80	80	100		80	80	100		80	80	100		80	80					100				100			

*Note:- All values are in (µg/ m3)

Ambient Air Quality Characteristics (Year 2021) Kumaun Region

City	Haldwani									Kashipur				Kashipur		Kashipur		Rudrapur							
Locations	Govt. Hospital				Jal Sansthan					Govt. Hospital				Anaj Mandi		Ganna Ayukt		Govt. Hospital							
Zone	Commercial				Commercial					Sensitive								Sensitive							
Month	P.M.10	S.P.M.	SO2	NO2	P.M.10	S.P.M.	SO2	NO2	P.M. 2.5	P.M.10	S.P.M.	SO2	NO2	P.M.10	S.P.M.	P.M.10	S.P.M.	P.M.10	S.P.M.	SO2	NO2				
January	117.86	184.1	8.02	26.13						119.93	203.82	18.04	26.22					123.58	212.51	18.84	22.3				
February	117.04	183.41	8.17	27.52						125.14	210.80	18.74	22.78					129.12	221.53	19.35	22.92				
March	116.26	182.51	8.25	27.84						121.37	208.92	19.09	22.83					127.89	224.87	19.15	23.31				
April	Monitoring Station Shifted				110.4	176.86	7.95	26.87		115.7	197.04	18.83	21.76					122.32	206.77	19.20	23.08				
May					84.51	150.94	5.24	21.45	26.98	122.40	206.83	18.30	22.16								128.85	216.79	19.88	23.35	
June					98.86	164.28	6.00	22.87	34.78	123.85	209.69	18.22	21.59									127.25	215.94	20.15	22.68
July					112.07	178.48	6.83	25.40	37.75	125.29	211.09	18.30	21.87									129.13	219.17	IF	IF
August					112.99	179.24	7.11	25.38	39.96	118.61	188.88	17.57	21.23	128.7	215.01	126.72	207.76	121.28	208.44	IF	IF				
September					112.62	183.86	7.32	25.62	39.51																
Average	117.05	183.34	8.15	27.16	105.24	172.28	6.74	24.60	35.80																
Standards :																									
Annual	60		50	40	60									60											
24 hours	100		80	80	100									100											

*Note:- All values are in (µg/ m3)