

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	P.M.2.5	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	11.21	19.71	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	*	*	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	*	*	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	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	106.96	84.89	12.71	18.84	120.31	102.35	12.59	21.36	
Oct	129.69	87.74	21.38	24.96	122.33	82.05	19.64	23.81	131.67	95.75	21.51	24.37	116.26	56.55	21.09	23.69	122.56	62.20	20.52	24.27	114.24	90.42	15.57	23.28	124.22	110.35	14.58	24.01	
Nov	137.05	90.48	19.95	25.36	145.31	86.03	18.19	24.42	156.08	95.82	21.51	25.14	131.73	-	21.92	26.64	118.39	71.74	19.02	23.52	120.28	86.75	16.55	25.65	134.11	90.79	18.62	26.25	
Dec	159.5	90.77	20.41	24.98	149.96	81.26	18.44	23.31	157.99	95.09	21.75	25.41	111.75	69.35	21.07	25.65	116.42	69.43	20.65	25.94	117.24	89.11	16.73	25.64	127.03	91.66	19.05	26.32	
Average	153.61	89.75	21.46	25.55	134.85	80.55	20.36	24.71	151.34	91.89	22.12	25.42	128.66	73.35	19.94	25.00	132.90	79.30	20.14	25.01	111.98	76.97	12.61	20.11	123.34	84.79	12.49	20.07	
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					Sensitive								Sensitive			
Month	P.M.10	S.P.M.	SO2	NO2	P.M. 2.5	P.M.10	P.M. 2.5	SO2	NO2	P.M.10	P.M. 2.5	P.M.10	P.M. 2.5	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	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	83.40	142.22	14.59	17.74	102.83	162.85	102.83	162.85	92.96	153.75	18.73	20.93
October	114.71	180.92	7.47	25.57	35.86	106.67	IF	15.13	19.15	121.69	69.46	147.99	63.32	116.24	-	18.75	21.83
November	130.15	197.60	10.88	27.64	54.3	128.79	63.53	14.95	19.19	147.91	74.25	127.13	68.23	135.03	-	17.42	20.47
December	113.99	180.32	7.80	25.05	35.27	126.43	61.92	15.30	19.28	149.62	66.87	141.61	70.51	126.92	-	17.91	20.56
Average	110.03	176.94	7.40	25.09	38.05	118.13	173.16	17.26	21.32	130.15	117.69	129.26	114.53	123.38	208.86	18.94	22.14
Standards :																	
Annual	60		50	40	60					60							
24 hours	100		80	80	100					100							

*Note:- All values are in (µg/ m3)