

Ambient Air Quality Characteristics (Year 2022) Garhwal Region

City	Dehradun												Rishikesh												Haridwar							
Locations	Clock Tower				Raipur Road				Himalayan Drug, ISBT				Nagar Nigam				SPS Hospital				Natraj Hotel				SIDCUL				Rishikul			
Zone	Commercial				Commercial/ Residential				Commercial/ Industrial				Commercial				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	P.M. 10	P.M2.5	SO2	NO2
January	140.21	84.23	19.94	25.65	147.38	79.25	18.37	23.22	156.65	83.66	22.00	25.28	108.95	62.60	21.57	26.50	107	59.76	21.60	26.89	110.36	56.56	22.33	26.76	110.64	91.49	16.17	26.02	123.64	92.08	19.01	25.83
February	158	85.66	20.21	25.24	150	82.12	18.12	23.14	159.31	84.22	22.06	25.28	111.82	70.98	21.94	26.37	113.06	73.35	21.14	26.46	112.36	76.35	19.48	26.09	122.76	101.77	16.31	26.7	126.95	107.05	20.37	26.98
March	165.07	IF	20.51	24.48	156.7	84.88	19.34	24.23	164.22	89.52	22.66	25.80	125.44	75.49	19.94	25.74	121.37	74.27	20.56	26.54	126.14	77.93	20.09	26.51	128.86	94.11	16.63	27.02	135.01	101.83	21.65	28.40
April	176.2	IF	21.06	25.96	167.24	88.4	19.47	24.39	172.87	93.47	22.51	25.74	152.09	78.3	20.37	26.19	159.8	84.88	20.61	26.19	159.33	94.01	20.78	26.05	129.97	97.78	18.67	27.06	138.39	107.15	21.91	28.57
May	176.82	IF	22	27.11	165.01	90.25	20.31	25.70	171.57	93.06	22.80	26.34	189.07	81.69	20.20	26.32	187.61	82.53	20.24	25.54	191.73	91.22	20.22	26.07	126.95	97.90	19.09	26.68	133.3	110.11	21.48	28.28
June	195.16	93.67	21.68	27.87	169.69	89.49	20.41	26.05	193.08	93.49	22.30	25.87	179.58	75.96	17.80	23.33	179.34	72.89	18.30	23.6	174.43	77.79	19.51	23.37	126.59	95.61	19.48	27.82	134.10	115.96	20.85	27.60
July	130.75	85.72	19.27	26.03	115.81	78.80	18.12	24.57	134.64	82.34	21.2	25.43	121.84	58.01	20.14	22.77	124.44	52.33	18.39	23.16	121.27	59.86	17.89	22.69	122.69	110.83	19.81	27.40	124.86	117.09	21.14	27.16
August	103.64	RF	15.69	23.18	96.17	RF	16.09	24.86	106.91	RF	20.12	25.66	116.20	RF	18.88	23.29	111.79	RF	18.65	22.93	122.02	RF	18.42	23.71	126.29	112.61	19.29	26.99	130.60	108.25	21.47	27.82
September	115.55	80.1	17.55	23.86	111.48	74.33	14.45	23.17	94.40	IF	18.52	23.94	IF	62.93	IF	IF	136.47	74.53	15.8	24.3	134.38	65.3	15.88	23.08	127.59	87.67	18.54	27.08	132.91	88.87	19.14	25.7
October	131.52	78.45	IF	IF	IF	IF	121.11	IF	137.1	84.84	IF	IF	141.96	69.29	IF	IF	124.38	63.54	IF	IF	135.73	76.48	IF	IF	128.86	72.26	20.84	27.94	133.03	52.51	14.46	25.04
November	146.36	84.65	15.92	20.64	128.64	77.71	14.37	19.15	150.08	87.8	17.73	21.15	125.84	64.96	13.94	21.63	126.56	66.73	14.58	20.74	132.94	72.33	15.80	21.42	129.68	74.89	20.56	27.09	135.50	78.31	21.09	27.86
December	170.64	87.21	15.67	20.32	158.39	82.85	15.15	20.1	173.26	88.75	18.84	22.26	126.08	73.39	13.94	21.63	123.65	77.06	13.93	19.19	134.36	78.38	14.88	19.18	142.48	70.04	11.21	21.15	140.48	49.87	11.96	17.93
Average	150.83	84.96	19.05	24.59	142.41	82.81	26.28	23.51	151.17	88.12	20.97	24.80	136.26	70.33	18.87	24.38	134.62	71.08	18.53	24.14	137.92	75.11	18.66	24.08	126.95	92.25	18.05	26.58	132.39	94.09	19.54	26.43
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 2022) Kumaun Region																
City	Haldwani					Kashipur				Kashipur		Kashipur		Rudrapur		
Locations	Jal Sansthan Haldwani					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	SO2	NO2
Januray	111.82	178.01	7.23	24.68	30.47	128.55	55.98	14.68	17.85	152.44	73.37	145.28	64.12	127.63	17.23	20.58
February	115.79	181.62	7.38	24.88	33.23	121.98	62.05	13.85	17.52	135.15	64.39	142.99	70.69	128.59	16.11	19.81
March	116.35	182.78	7.87	26.34	33.9	125.94	58.52	14.09	17.95	154.2	76	136.58	68.48	130.92	16.04	19.65
April	115.55	181.64	7.88	25.65	32.02	125.56	58.41	14.85	18.54	-	-	-	-	127.29	15.23	19.18
May	113.51	179.84	7.43	25.23	32.44	124.48	56.34	16.08	19.90	-	-	-	-	124.35	16.57	20.62
June	114.72	181.1	7.96	26.28	31.32	125.61	57.66	16.34	20.38	-	-	-	-	125.97	16.79	20.78
July	104.83	171.31	7.09	24.21	25.2	119.21	61.28	16.66	20.82	-	-	-	-	118.65	16.47	20.20
August	105.20	153.42	7.1	24.91	24.22	117.18	51.68	16.52	20.66	-	-	-	-	120.23	16.46	20.47
September	110.03	160.26	7.55	25.07	25.53	117.87	65.87	16.98	20.81	-	-	-	-	120.86	16.42	20.43
October	123.3	170.15	8.66	27.29	42.82	122.58	62.49	17.01	20.79	-	-	-	-	122.05	16.55	20.62
November	113.81	168.06	7.95	24.42	31.16	122.90	62.38	16.78	20.84	-	-	-	-	124.37	16.58	20.68
December	113.7	166.02	7.67	25.47	32.07	116.77	62.21	16.83	20.91	-	-	-	-	120.47	16.65	20.7
Average	113.22	172.85	7.65	25.37	31.20	122.39	59.57	15.89	19.75	147.26	71.25	141.62	67.76	124.28	16.43	20.31
Standards :																
Annual	60		50	40	60					60						
24 hours	100		80	80	100					100						

*Note:- All values are in (µg/ m3)

New Stations 2022

PCNNR , NN, Roorkee				CMO Office, Uttarkashi		NPP Pauri		NPP Gopeshwar		NPP New Tehri		NPP Nainital		Vikas Bhawan Almora		NPP Bageshwar				
Month	RSPM	PM 2.5	SO2	NO2	PM 10	PM 2.5	PM 10	PM 2.5	PM 10	PM 2.5	PM 10	PM 2.5	RSPM	SPM	RSPM	SPM	RSPM	SPM	PM 2.5	RSPM
October	150.72	135.88	16.48	25.14	32.51	52.97	29.32	29.24	40.44	30.62	32.88	29.26	61.58	97.65	33.91	55.96	32.23	56.64	31.68	32.23
November	116.40		11.11	18.58	25.80	24.65	33.47	30.11	39.52	42.94	45.52	37.25	-	-	-	-	-	-	-	-
December	125.71	123.52	9.33	17.4	19.14	16.80	55.94	32.10	23.70	22.53	37.55	29.05	-	-	-	-	-	-	-	-
Average	121.44	129.70	12.31	20.37	25.82	31.47	39.58	30.48	34.55	32.03	38.65	31.85	61.58	97.65	33.91	55.96	32.23	56.64	31.68	32.23