

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- December 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	207.44	102.65	10.1	21.56		
		ISBT		Residential	216.61	102.47	11.12	21.86		
		Raipur		Residential	209.53	93.14	8.2	20.67		
		Doon University	CAAQMS	Residential	73.92	58.5	0.82	2.62		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	151.59	70.5	3.3	21.79	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	144.09	64.63	3.2	21.47		
		Natraj Hotel		Commercial	145.29	74.07	3.72	22.3		
		Shivaji Nagar	CAAQMS	Residential	58.35	29.13	4.37	10.73		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	111.66	57.57	12.95	18.77	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	85.28	51.11	4.17	24.27		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	135.32	76.95	6.55	23.32	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial	-	-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	136.35	-	13.2	20.27		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	111.17	-	12.98	19.7		
6	Haldwani	Jal Sansthan	Manual	Commercial	115.58	34.01	7.56	24.69		
7	Uttarkashi	CMO Office	Manual	Commercial	35.86	22.34	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	36.14	13.07	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	31.21	10.79	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	28.92	5.16	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	48.25	-	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	43.42	28.8	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	66.85	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- November 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	191.14	103.55	9.4	21.12		
		ISBT		Residential	201.26	101.62	11.13	21.45		
		Raipur		Residential	186.21	90.62	8.13	20.24		
		Doon University	CAAQMS	Residential	100.6	74.94	0.78	2.3		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	141.35	64.27	4.43	22.92	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	143.44	61.55	3.02	22.65		
		Natraj Hotel		Commercial	141.58	65.37	3.68	22.79		
		Shivaji Nagar	CAAQMS	Residential	80.71	59.91	4.95	9.32		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	113.69	57.79	12.7	18.99	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	110.34	66.45	5.74	28.07		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	133.05	74.57	6.16	21.36	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial	-	-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	134.19	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	111.7	-	13	18.87		
6	Haldwani	Jal Sansthan	Manual	Commercial	116.08	36.01	8.07	28.3		
7	Uttarkashi	CMO Office	Manual	Commercial	30.38	21.92	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	48.54	17.12	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	42.25	30.71	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	25.62	10.09	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	45.12	29.01	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	45.18	26.9	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	70.25	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- October 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	139.01	60.38	9.28	20.93		
		ISBT		Residential	152.4	62.33	11.7	21.25		
		Raipur		Residential	147.51	58	8.55	20.53		
		Doon University	CAAQMS	Residential	83.41	48.43	0.82	1.59		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	133.98	54.23	4.29	23.33	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	134.46	57.71	4.66	23.7		
		Natraj Hotel		Commercial	144.83	65.5	3.91	23.68		
		Shivaji Nagar	CAAQMS	Residential	64	26.69	4.86	7.07		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	113.95	59.17	9.64	16.93	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	123.37	48.59	4.63	11.54		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	135.22	74.37	5.97	21.8	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial	-	-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	134.25	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	122.22	-	10.56	18.21		
6	Haldwani	Jal Sansthan	Manual	Commercial	122.34	36.8	8.67	29.03		
7	Uttarkashi	CMO Office	Manual	Commercial	38.79	24.16	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	21.89	10.49	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	42.25	31.26	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	40.07	17.41	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	41.23	22.58	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	33.85	17.08	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	66.65	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- September 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants					
					PM10	PM2.5	SO2	NO2		
					µg/m3				Good (0-50)	Minimal Impact
1	Dehradun	Clock Tower	Manual	Residential	120.45	54.99	5.42	19.2		
		ISBT		Residential	126.37	54.57	8.27	20.16		
		Raipur		Residential	120.74	49.42	4.77	17.87		
		Doon University	CAAQMS	Residential	33.14	17.64	5.22	5.81		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	120.86	43.99	3.76	21.3	Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults
		SPS Hospital		Commercial	131.13	38.6	3.13	19.65		
		Natraj Hotel		Commercial	108.94	33.49	3.62	22.13		
		Shivaji Nagar	CAAQMS	Residential	33.52	12.96	5.22	5.81		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	108.04	52.57	9.83	15.59	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	57.13	23.71	4.65	10.64		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	128.23	68.25	6.09	20.95	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Rishikul	Manual	Industrial	-	-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	130.05	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	110.97	-	10.11	16.75	Severe (>401)	Respiratory effects even on healthy people
6	Haldwani	Jal Sansthan	Manual	Commercial	114.75	32.45	7.56	26.84		
7	Uttarkashi	CMO Office	Manual	Commercial	35.93	19.54	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	23.5	7.36	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	30.24	15.05	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	22.81	5.42	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	36.61	17.33	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	34.91	18.33	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	60.22	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- August 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	112.2	49.45	4.43	18.04		
		ISBT		Residential	118.22	53.49	6.89	19.54		
		Raipur		Residential	120.84	46.82	4.74	18.62		
		Doon University	CAAQMS	Residential	25.24	13.12	0.66	0.56		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	92.42	RF	4.13	20.9	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	105.66	RF	3.08	21.37		
		Natraj Hotel		Commercial	105.94	RF	3.93	21.41		
		Shivaji Nagar	CAAQMS	Residential	29.27	13.38	27.58	7.69		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	96.09	49.96	7.6	12.17	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	54.45	29.27	5.07	5.95		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	131.32	73.57	6.21	20.68	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial	-	-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	131.88	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	104.41	-	8.45	12.74		
6	Haldwani	Jal Sansthan	Manual	Commercial	111	30.8	7.28	24.65		
7	Uttarkashi	CMO Office	Manual	Commercial	31.25	12.47	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	27.61	10.12	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	25.08	10.15	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	27.64	8.2	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	33.94	18.35	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	33.95	-	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	58.06	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- JULY 2024

Category	PM10	PM2.5	SO2	NO2					
Unit	µg/m3								
Time	Annual	24 hr	Annual	24hr	Annual	24hr	Annual	24hr	
Industrial, Residential, Rural and Other Area									
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60	20	80	30	80	

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3					
1	Dehradun	Clock Tower	Manual	Residential	122.09	55.86	4.69	18.11	Satisfactory (51-100)	Minor breathing discomfort to sensitive people
		ISBT		Residential	120.89	55.63	6.89	18.51		
		Raipur		Residential	117.62	49.41	5.18	17.42		
		Doon University	CAAQMS	Residential	33.51	18.16	0.69	0.39		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	110.77	Rainfall	6.3	21.04	Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults
		SPS Hospital		Commercial	116.42	Rainfall	6.34	20.91		
		Natraj Hotel		Commercial	104.32	Rainfall	7.02	21.48		
		Shivaji Nagar	CAAQMS	Residential	35.51	20.8	3.34	7.54		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	86.73	46.4	9.08	11.27	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	54.81	24.97	9.28	8		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	132.81	82.83	5.02	17.74	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Rishikul	Manual	Industrial	-	-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	131.75	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	90.4	-	8.97	11.14		
6	Haldwani	Jal Sansthan	Manual	Commercial	110.29	29.66	7.12	24.81		
7	Uttarkashi	CMO Office	Manual	Commercial	31.31	13.09	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	33.21	16.14	-	-	Severe (>401)	Respiratory effects even on healthy people
9	Pauri	Nagar Palika Parishad	Manual	Commercial	11.11	5.03	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	25.34	7.71	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	38.48	19.8	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	36.43	70.18	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	61.21	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- JUNE 2024

Category	PM10	PM2.5	SO2	NO2					
Unit	µg/m3								
Time	Annual	24 hr	Annual	24hr	Annual	24hr	Annual	24hr	
Industrial, Residential, Rural and Other Area									
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60	20	80	30	80	

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3					
1	Dehradun	Clock Tower	Manual	Residential	215.11	94.36	9.42	21.01	Satisfactory (51-100)	Minor breathing discomfort to sensitive people
		ISBT		Residential	216.53	95.67	12.01	21.34		
		Raipur		Residential	204.59	91.52	8.2	19.81		
		Doon University	CAAQMS	Residential	92.12	36.7	2.06	1.81		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	152.11	64.26	7.91	24.4	Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults
		SPS Hospital		Commercial	149.56	62.02	8.3	24.51		
		Natraj Hotel		Commercial	165.32	66.26	7.96	25.15		
		Shivaji Nagar	CAAQMS	Residential	82.42	38.99	3.41	9.39		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	119.44	56.94	11.72	16.82	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	121.76	39.33	10.8	6.87		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	133.94	77.78	6.82	21.25	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Rishikul	Manual	Industrial	138.04	59.83	IF	IF		
		Nagar Nigam Roorkee	Manual	Commercial	132.87	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	124.67	-	11.92	14.84	Severe (>401)	Respiratory effects even on healthy people
6	Haldwani	Jal Sansthan	Manual	Commercial	121.03	34.88	7.6	27.76		
7	Uttarkashi	CMO Office	Manual	Commercial	35.25	13.59	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	45.58	23.38	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	40.36	24.11	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	33.95	11.91	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	48.57	25.48	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	43.1	24.51	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	76.1	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- MAY 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	218.04	94.71	9.02	20.3		
		ISBT		Residential	223.91	96.68	11.91	21.2		
		Raipur		Residential	215.73	90.69	8.04	19.8		
		Doon University	CAAQMS	Residential	112.97	56.73	2.1	2.4		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	178.27	72.63	8.09	23.75	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	168.63	74.26	7.81	23.36		
		Natraj Hotel		Commercial	190.63	83.08	8.39	24.49		
		Shivaji Nagar	CAAQMS	Residential	92.07	44.64	3.18	17.35		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	115.19	53.3	9.93	16.7	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	116.27	51.13	7.22	19.89		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	134.17	79.33	6.9	21.36	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial	141.08	68.31	12.97	21.6		
		Nagar Nigam Roorkee	Manual	Commercial	132.78	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	114.93	-	12.64	18.87		
6	Haldwani	Jal Sansthan	Manual	Commercial	122.03	39.56	8.32	26.65		
7	Uttarkashi	CMO Office	Manual	Commercial	41.68	22.52	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	45.42	29.39	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	42.18	25.25	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	40.94	19.35	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	48.47	28.77	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	50.7	27.56	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	76.77	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- APRIL 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	209.2	96.69	11.02	21.12		
		ISBT		Residential	215.71	97.8	11.89	21.2		
		Raipur		Residential	213.78	89.81	9.11	19.98		
		Doon University	CAAQMS	Residential	91.74	35.55	1.98	2.25		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	149.26	64.33	7	22.84	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	154.61	67.13	7.5	23.08		
		Natraj Hotel		Commercial	162.3	66.54	8.05	24.09		
		Shivaji Nagar	CAAQMS	Residential	72.76	30.96	3.4	13.95		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	114.5	49.66	10.38	16.05	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	106.79	49.3	6	37.52		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	133.57	78.01	6.34	21.07	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial		-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	135.28	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	115.61	-	13.29	17.98		
6	Haldwani	Jal Sansthan	Manual	Commercial	126.41	40.16	8.76	27.64		
7	Uttarkashi	CMO Office	Manual	Commercial	30.17	14.29	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	36.82	23.58	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	44.51	20.5	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	24.75	9.42	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	50.11	29.75	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	48.23	27.1	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	90.32	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- MARCH 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	210.65	98.54	10.97	21.09		
		ISBT		Residential	212.76	98.41	12.01	21.27		
		Raipur		Residential	209.96	90.54	9.01	20.02		
		Doon University	CAAQMS	Residential	85.6	38.6	1.2	1.7		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	135.23	61.3	7.6	23.02	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	114.95	65.18	7.06	22.06		
		Natraj Hotel		Commercial	148.55	70.72	7.59	23.03		
		Shivaji Nagar	CAAQMS	Residential	62.68	27.3	3.43	4.06		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	112.76	51.45	10.8	20.41	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	84.24	45.42	6.33	8.03		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	132.62	85.73	6.87	21.65	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial	133.22	-	8.29	20.98		
		Nagar Nigam Roorkee	Manual	Commercial	126.84	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	113.21	-	13.33	21.77		
6	Haldwani	Jal Sansthan	Manual	Commercial	120.84	37.9	7.7	26.28		
7	Uttarkashi	CMO Office	Manual	Commercial	31.15	15.07	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	37.09	23.6	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	34.53	14.07	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	19.16	5.06	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	44.8	26.4	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	41.48	24.01	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	57.61	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- FEBRUARY 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Good (0-50)	Minimal Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3				Satisfactory (51-100)	Minor breathing discomfort to sensitive people
1	Dehradun	Clock Tower	Manual	Residential	189.85	93.26	11.76	21.54		
		ISBT		Residential	195.74	94.63	11.14	20.93		
		Raipur		Residential	184.53	89.01	8.53	19.99		
		Doon University	CAAQMS	Residential	88.6	51.8	0.9	2.8		
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	130.01	60.89	8.24	22.43	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		SPS Hospital		Commercial	128.63	58.87	8.07	21.58		
		Natraj Hotel		Commercial	134.15	64.33	8.82	22.72		
		Shivaji Nagar	CAAQMS	Residential	55.33	29.98	3.66	9.1		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	117.2	54.07	12.25	22.06	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	87.82	50.12	6.22	12.12		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	130.51	-	7.98	22.02	Severe (>401)	Respiratory effects even on healthy people
		Rishikul	Manual	Industrial	-	53.01	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	128.26	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	114.75	-	13.78	23.12		
6	Haldwani	Jal Sansthan	Manual	Commercial	122.79	40.01	8.11	26.4		
7	Uttarkashi	CMO Office	Manual	Commercial	29.23	16.81	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	37.64	27.33	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	29.03	13.51	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	23.44	7.43	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	46.26	25.97	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	41.23	24.76	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	55.4	-	-	-		

Uttarakhand Ambient Air Quality Characteristics
Uttarakhand Pollution Control Board
MONTH- JANUARY 2024

Category	PM10	PM2.5	SO2	NO2
Unit	µg/m3			
Time	Annual	24 hr	Annual	24hr
Industrial, Residential, Rural and Other Area				
Ecologically sensitive area (notified by Central Govt.)	60	100	40	60
			20	80
			30	80

S.No.	Name of City	Location	Monitoring	Category	Pollutants				Quality Index	Health Impact
					PM10	PM2.5	SO2	NO2		
					µg/m3					
1	Dehradun	Clock Tower	Manual	Residential	214.98	97.67	11.78	21.33	Good (0-50)	Minimal Impact
		ISBT		Residential	224.96	98.87	11.03	20.94		
		Raipur		Residential	203.36	91.56	8.47	19.58		
		Doon University	CAAQMS	Residential	146.2	107.2	1	3.5	Satisfactory (51-100)	Minor breathing discomfort to sensitive people
		Cumulative concentration								
2	Rishikesh	Nagar Nigam	Manual	Commercial	164.23	66.76	8.71	22.71	Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults
		SPS Hospital		Commercial	162.79	63.93	9.23	22.44		
		Natraj Hotel		Commercial	170.35	72.83	9.16	22.7		
		Shivaji Nagar	CAAQMS	Residential	95.36	54.29	3.77	8.68		
		Cumulative concentration								
3	Kashipur	Govt. Hospital	Manual	Sensitive	111.66	51.22	12.79	23.71	Poor (201-300)	Breathing discomfort to people on prolonged exposure
		Govt. Girls Inter College	CAAQMS	Sensitive	126.04	80.43	6.59	41.54		
		Cumulative concentration								
4	Haridwar	SIDCUL	Manual	Industrial	129.46	89.34	7.24	21.56	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
		Rishikul	Manual	Industrial	-	-	-	-		
		Nagar Nigam Roorkee	Manual	Commercial	-	-	-	-		
5	Rudrapur	Govt. Hospital	Manual	Sensitive	112.68		14.89	24.11	Severe (>401)	Respiratory effects even on healthy people
6	Haldwani	Jal Sansthan	Manual	Commercial	119.85	36.31	8.05	26.2		
7	Uttarkashi	CMO Office	Manual	Commercial	28.53	Inst. Fail.	-	-		
8	Tehri	Nagar Palika Parishad	Manual	Commercial	31.31	15.98	-	-		
9	Pauri	Nagar Palika Parishad	Manual	Commercial	30.80	16.53	-	-		
10	Gopeshwar	Nagar Palika Parishad	Manual	Commercial	23.44	7.13	-	-		
11	Almora	Vikas Bhawan	Manual	Commercial	58.77	29.87	-	-		
12	Bageshwar	Nagar Palika Parishad	Manual	Commercial	47.43	28.17	-	-		
13	Nainital	Nagar Palika Parishad	Manual	Commercial	55.2	94.1	-	-		