

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE
MONTH OF APRIL 2021

S N	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	1.04.2021	6.04.2021	8.04.2021	12.04.2021	15.04.2021	20.04.2021	22.04.2021	27.04.2021	29.04.2021
1	RANGPO, East Sikkim	87 (Satisfactory)	84 (Satisfactory)	93 (Satisfactory)	87 (Satisfactory)	97 (Satisfactory)	83 (Satisfactory)	85 (Satisfactory)	73 (Satisfactory)	74 (Satisfactory)
2	SINGTAM, East Sikkim	53 (Satisfactory)	54 (Satisfactory)	52 (Satisfactory)	52 (Satisfactory)	51 (Satisfactory)	54 (Satisfactory)	57 (Good)	51 (Satisfactory)	54 (Satisfactory)
3	DEORALI, East Sikkim	66 (Satisfactory)	71 (Satisfactory)	56 (Satisfactory)	67 (Satisfactory)	61 (Satisfactory)	71 (Satisfactory)	52 (Satisfactory)	58 (Satisfactory)	60 (Satisfactory)
4	RAVANGLA, South Sikkim	25 (Good)	28 (Good)	26 (Good)	25 (Good)	22 (Good)	25 (Good)	25 (Good)	25 (Good)	27 (Good)
5	NAMCHI, South Sikkim	28 (Good)	32 (Good)	27 (Good)	28 (Good)	27 (Good)	34 (Good)	26 (Good)	32 (Good)	29 (Good)
6	PELLING, West Sikkim	31 (Good)	31 (Good)	31 (Good)	34 (Good)	36 (Good)	32 (Good)	34 (Good)	25 (Good)	25 (Good)
7	MANGAN, North Sikkim	26 (Good)	26 (Good)	26 (Good)	21 (Good)	22 (Good)	31 (Good)	39 (Good)	29 (Good)	27 (Good)
8	CHUNGTHANG, North Sikkim	32 (Good)	24 (Good)	34 (Good)	28 (Good)	29 (Good)	33 (Good)	21 (Good)	34 (Good)	27 (Good)

Good (0-50)	Minimal Impact	Poor (201-300)	Breathing discomfort to people on prolonged exposure
Satisfactory (51-100)	Minor breathing discomfort to sensitive people	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults	Severe (>401)	Respiratory effects even on healthy people

STATE POLLUTION CONTROL BOARD, SIKKIM AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP FOR THE MONTH OF APRIL 2021

STATION	DATE	STANDARD PARAMETERS BY C.P.C.B			
		PM10($\mu\text{g}/\text{m}^3$)	SO ₂	NO ₂	AQI
RANGPO	01.04.2021	87.2	8.71	11.13	87
	06.04.2021	83.87	4.45	13.3	84
	08.04.2021	92.58	7.88	9.51	93
	12.04.2021	86.88	5.2	10.07	87
	15.04.2021	96.81	6.8	10.85	97
	20.04.2021	83.38	7.2	10.02	83
	22.04.2021	85.37	7.1	10.16	85
	27.04.2021	73.19	6.4	9.79	73
	29.04.2021	74.48	7.1	9.47	74
SINGTAM	01.04.2021	53.18	7.59	9.26	53
	06.04.2021	54.33	7.17	8.68	54
	08.04.2021	51.87	8.48	9	52
	12.04.2021	52.05	7.9	8.96	52
	15.04.2021	50.55	8.6	8.91	51
	20.04.2021	54.26	8.8	9.37	54
	22.04.2021	56.87	9.2	9.72	57
	27.04.2021	50.74	7	10.26	51
	29.04.2021	54.23	8.4	9.8	54
DEORALI	01.04.2021	65.79	6.32	11.8	66
	06.04.2021	70.8	6.69	11.44	71
	08.04.2021	55.76	5.98	11.4	56
	12.04.2021	67.4	6.9	10.94	67
	15.04.2021	60.85	6.1	10.8	61
	20.04.2021	70.69	6.2	10.68	71
	22.04.2021	51.75	6.4	11.03	52
	27.04.2021	58.2	6.5	10.92	58
	29.04.2021	59.69	7.1	11.01	60
RAVANGLA	01.04.2021	25.28	3.93	2.59	25
	06.04.2021	28.13	4.38	3.85	28
	08.04.2021	25.76	3.92	4.06	26
	12.04.2021	25.23	5.6	5.89	25
	15.04.2021	22.47	4.7	5	22
	20.04.2021	25.47	2.5	3.72	25
	22.04.2021	25.21	3.4	4.45	25
	27.04.2021	25.1	5	4.83	25
	29.04.2021	26.88	5.3	4.19	27
NAMCHI	01.04.2021	28.25	4.53	5.7	28
	06.04.2021	31.54	4.28	5.3	32
	08.04.2021	27.21	4.73	5.42	27
	12.04.2021	27.86	4.7	5.35	28
	15.04.2021	26.64	4.6	5.29	27
	20.04.2021	34.04	5.9	5.8	34
	22.04.2021	25.92	4	5.04	26
	27.04.2021	32.42	4.3	5.02	32
	29.04.2021	29.06	5.4	5.77	29
PELLING	01.04.2021	30.97	5.83	3.73	31
	06.04.2021	31.47	7.92	3.73	31
	08.04.2021	31.07	7.08	4.05	31
	12.04.2021	34.27	4.58	4.21	34

STATION	DATE	STANDARD PARAMETERS BY C.P.C.B			
		PM10($\mu\text{g}/\text{m}^3$)	SO ₂	NO ₂	AQI
	15.04.2021	36.1	3.75	3.89	36
	20.04.2021	31.5	3.96	3.98	32
	22.04.2021	33.6	4.38	4.29	34
	27.04.2021	25.4	4.38	3.15	25
	29.04.2021	25.33	3.75	3.25	25
MANGAN	01.04.2021	25.59	4.71	4.77	26
	06.04.2021	26.45	4.19	5.05	26
	08.04.2021	26.48	4.18	4.82	26
	12.04.2021	20.94	5.7	5.91	21
	15.04.2021	21.89	4.8	6.29	22
	20.04.2021	31.1	6.3	6.91	31
	22.04.2021	39.16	5.7	6.34	39
	27.04.2021	28.91	5.1	5.3	29
	29.04.2021	27.16	6	6.01	27
CHUNGTHANG	01.04.2021	32.24	5.46	4.32	32
	06.04.2021	24.37	4.16	5.34	24
	08.04.2021	33.65	4.42	5.08	34
	12.04.2021	28.43	6.2	8.86	28
	15.04.2021	28.94	6.8	7.28	29
	20.04.2021	32.66	5.2	6.4	33
	22.04.2021	21.33	4.1	7.73	21
	27.04.2021	33.62	5.3	5.69	34
	29.04.2021	26.89	5.7	6.66	27
National Ambient Air Quality Standards (NAAQS – 24hrs)		100	80	80	

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