

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD OF
02nd, 04th, 09th and 11th FEBRUARY 2021

S N	LOCATION	AIR QUALITY INDEX			
	NAME OF STATION	02.02.2021	04.02.2021	09.02.2021	11.02.2021
1	RANGPO, East Sikkim	63 (Satisfactory)	64 (Satisfactory)	66 (Satisfactory)	65 (Satisfactory)
2	SINGTAM, East Sikkim	53 (Satisfactory)	52 (Satisfactory)	49 (Good)	52 (Satisfactory)
3	DEORALI, East Sikkim	58 (Satisfactory)	68 (Satisfactory)	63 (Satisfactory)	56 (Satisfactory)
4	RAVANGLA, South Sikkim	21 (Good)	19 (Good)	22 (Good)	21 (Good)
5	NAMCHI, South Sikkim	32 (Good)	34 (Good)	30(Good)	32 (Good)
6	PELLING, West Sikkim	27 (Good)	30 (Good)	34(Good)	33 (Good)
7	MANGAN, North Sikkim	28 (Good)	27 (Good)	24 (Good)	26 (Good)
8	CHUNGTHANG, North Sikkim	27(Good)	23 (Good)	26 (Good)	25(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 PERIOD OF 02nd, 04th, 09th and 11th FEBRUARY 2021

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B				
		PM10($\mu\text{g}/\text{m}^3$)	PM2.5($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	AQI
RANGPO	02.02.2021	63.32		7.34	8.52	63
	04.02.2021	64.47		6.46	9.68	64
	09.02.2021	66.62		6.80	10.05	66
	11.02.2021	64.98		7.89	10.21	65
SINGTAM	02.02.2021	52.59		9.23	10.03	53
	04.02.2021	51.99		8.63	9.68	52
	09.02.2021	49.21		8.93	10.43	49
	11.02.2021	52.18		8.33	9.90	52
PELLING	02.02.2021	26.63		6.49	3.14	27
	04.02.2021	30.33		7.41	4.11	30
	09.02.2021	33.63		6.25	3.57	34
	11.02.2021	32.73		5.79	4.76	33
DEORALI	02.02.2021	51.23	34.78	6.25	12.23	58
	04.02.2021	57.81	40.89	6.90	12.62	68
	09.02.2021	47.12	38.09	6.38	11.75	63
	11.02.2021	55.50		6.77	13.02	56
NAMCHI	02.02.2021	32.38		4.14	4.59	32
	04.02.2021	34.20		4.56	4.86	34
	09.02.2021	30.38		3.70	4.70	30
	11.02.2021	31.57		4.80	5.05	32
RAVANGLA	02.02.2021	20.73		4.07	3.03	21
	04.02.2021	18.56		4.43	3.65	19
	09.02.2021	21.56		4.95	4.69	22
	11.02.2021	21.33		4.17	3.60	21
MANGAN	02.02.2021	28.41		5.34	5.60	28
	04.02.2021	26.88		5.37	5.52	27
	09.02.2021	24.19		4.78	4.96	24
	11.02.2021	26.47		5.05	5.54	26
CHUNGTHANG	02.02.2021	26.95		5.97	2.14	27
	04.02.2021	23.34		4.67	2.07	23
	09.02.2021	25.77		6.24	2.14	26
	11.02.2021	25.37		6.77	2.12	25
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	60	80	80	

National Ambient Air Quality Standards (NAAQS – 24 hrs)