

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD OF
16th, 18th, 23rd and 25th FEBRUARY 2021

S N	LOCATION	AIR QUALITY INDEX			
	NAME OF STATION	16.02.2021	18.02.2021	23.02.2021	25.02.2021
1	RANGPO, East Sikkim	61 (Satisfactory)	59 (Satisfactory)	86 (Satisfactory)	60 (Satisfactory)
2	SINGTAM, East Sikkim	46 (Good)	47 (Good)	44 (Good)	42 (Good)
3	DEORALI, East Sikkim	82 (Satisfactory)	69 (Satisfactory)	75 (Satisfactory)	62 (Satisfactory)
4	RAVANGLA, South Sikkim	17 (Good)	18 (Good)	19 (Good)	18 (Good)
5	NAMCHI, South Sikkim	26 (Good)	33 (Good)	29 (Good)	33 (Good)
6	PELLING, West Sikkim	33 (Good)	38 (Good)	35 (Good)	32 (Good)
7	MANGAN, North Sikkim	23 (Good)	21 (Good)	25 (Good)	23 (Good)
8	CHUNGTHANG, North Sikkim	26(Good)	26 (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 16th, 18th, 23rd and 25th 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	16/02/2021	61.26		8.17	10.36	61
	18/02/2021	59.31		10.97	10.35	59
	23/02/2021	85.71		10.75	7.73	86
	25/02/2021	60.24		6.61	6.06	60
SINGTAM	16/02/2021	45.89		8.29	9.81	46
	18/02/2021	47.01		7.64	9.57	47
	23/02/2021	44.26		7.39	8.72	44
	25/02/2021	42.85		7.23	8.38	43
PELLING	16/02/2021	32.9		8.80	3.19	33
	18/02/2021	38.1		5.56	3.62	38
	23/02/2021	34.7		6.71	3.57	35
	25/02/2021	37.4		6.48	3.51	37
DEORALI	16/02/2021	81.92		5.41	9.17	82
	18/02/2021	68.77		6.27	11.90	69
	23/02/2021	74.65		5.33	11.90	75
	25/02/2021	62.37		6.08	10.2	62
NAMCHI	16/02/2021	26		3.70	4.88	26
	18/02/2021	33.15		4.6	5.00	33
	23/02/2021	28.91		4.80	5.46	29
	25/02/2021	33.32		4.60	5.00	33
RAVANGLA	16/02/2021	17.24		4.2	3.66	17
	18/02/2021	18.38		4.9	4.46	18
	23/02/2021	18.57		3.6	2.74	19
	25/02/2021	17.75		3.9	3.43	18
MANGAN	16/02/2021	22.65		5.1	5.33	23
	18/02/2021	21.37		4.2	4.40	21
	23/02/2021	25.32		5.4	5.65	25
	25/02/2021	22.60		4.8	5.08	23
CHUNGTHANG	16/02/2021	26.08		5.04	2.15	26
	18/02/2021	25.74		9.81	2.29	26
	23/02/2021	25.76		8.01	2.14	26
	25/02/2021	25.42		5.05	2.00	25
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	60	80	80	

National Ambient Air Quality Standards (NAAQS – 24 hrs)