

STATE POLLUTION CONTROL BOARD-SIKKIM

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
MARCH (2nd WEEK) 2019**

S. No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	12.03.2019	14.03.2019
1	RANGPO, East Sikkim	93(satisfactory)	96(satisfactory)
2	SINGTAM, East Sikkim	58(satisfactory)	62(satisfactory)
3	DEORALI, Gangtok, East Sikkim	78(satisfactory)	82(satisfactory)
4	RAVANGLA, South Sikkim	24(Good)	24(Good)
5	NAMCHI, South Sikkim	Not available	38(Good)
6	PELLING, West Sikkim	56(satisfactory)	61(satisfactory)
7	CHUNGTHANG, North Sikkim	30(Good)	34(Good)
8	MANGAN, North Sikkim	51(satisfactory)	37(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

Interpretation of Ambient Air Quality Data/Results:

As per the findings of the Ambient Air Quality monitoring, the quality of Ambient Air remains unaffected during the month of March 2nd week 2019 (i.e. 12.03.2019 and 14.03.2019) and as per the AQI, the quality of air at almost all the locations were good except the pollutants level of Rangpo, Singtam, Deorali (Gangtok), Pelling and Mangan are higher due to maximum movement of vehicles in the surrounding area.

Note: Data of Namchi Station (Station code- 900) dated: 12.03.2019 is not available due to failure of RDS Time Totaliser.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH OF MARCH (2nd WEEK) 2019

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)
RANGPO	12/03/2019	93	9	13
	14/03/2019	96	12	8.67
SINGTAM	12/03/2019	58	6	5.08
	14/03/2019	62	5	4.46
DEORALI	12/03/2019	78	6	8.14
	14/03/2019	82	7	7.91
PELLING	12/03/2019	56	8	2.68
	14/03/2019	61	10	4.93
RAVANGLA	12/03/2019	24	6	3.13
	14/03/2019	24	2.8	2.22
NAMCHI	12/03/2019	-	-	-
	14/03/2019	38	7	4.95
CHUNGTHANG	12/03/2019	30	5	2.36
	14/03/2019	34	4.86	2.27
MANGAN	12/03/2019	51	4.17	2.99
	14/03/2019	37	3.75	2.87
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80

Note: Data of Namchi Station (Station code- 900) dated:12.03.2019 is not available due to failure of RDS Time Totaliser.