

**STATE POLLUTION CONTROL BOARD-SIKKIM**

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF**

**MARCH (1<sup>st</sup> WEEK) 2019**

S. No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	05.03.2019	07.03.2019
1	RANGPO, East Sikkim	71(satisfactory)	97(satisfactory)
2	SINGTAM, East Sikkim	59(satisfactory)	64(satisfactory)
3	DEORALI, Gangtok, East Sikkim	58(satisfactory)	71(satisfactory)
4	RAVANGLA, South Sikkim	28(Good)	23(Good)
5	NAMCHI, South Sikkim	Not available	Not available
6	PELLING, West Sikkim	31(Good)	37(Good)
7	CHUNGTHANG, North Sikkim	32(Good)	32(Good)
8	MANGAN, North Sikkim	41(Good)	43(Good)

<b>Good</b> (0-50)	Minimal Impact	<b>Poor</b> (201-300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51-100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301-400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>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 1<sup>st</sup> week 2019 (i.e. 05.03.2019 and 07.03.2019) 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), are higher due to maximum movement of vehicles in the surrounding area.

**Note: Data of Namchi Station (Station code- 900) dated: 05.03.2019 & 07.03.2019 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 (1<sup>st</sup> WEEK) 2019

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
RANGPO	05/03/2019	71.72	6.25	4.57
	07/03/2019	97.06	8.13	4.96
SINGTAM	05/03/2019	59.56	6.25	4.66
	07/03/2019	64.08	5.83	4.53
DEORALI	05/03/2019	58.49	4.74	9.28
	07/03/2019	71.45	5.01	7.76
PELLING	05/03/2019	31.63	5.55	2.96
	07/03/2019	37.4	9.72	3.38
RAVANGLA	05/03/2019	28.93	5.16	4.06
	07/03/2019	23.61	5.52	4.81
NAMCHI	05/03/2019	-	-	-
	07/03/2019	-	-	-
CHUNGTHANG	05/03/2019	31.79	10.28	2.02
	07/03/2019	32	6.23	2.78
MANGAN	05/03/2019	41.91	3.67	4.72
	07/03/2019	43.28	4.75	4.93
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>

**Note: Data of Namchi Station (Station code- 900) dated:05.03.2019 & 07.03.2019 is not available due to failure of RDS Time Totaliser.**