

**STATE POLLUTION CONTROL BOARD-SIKKIM**

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

**(2<sup>nd</sup> Week) 2018.**

S.No	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	14.06.2018	16.06.2018
1	RANGPO, East Sikkim	40 (Good)	53.08 (satisfactory)
2	SINGTAM, East Sikkim	30 (Good)	29 (Good)
3	DEORALI, East Sikkim	46 (Good)	33 (Good)
4	RAVANGLA, South Sikkim	28 (Good)	27 (Good)
5	NAMCHI, South Sikkim	27 (Good)	25 (Good)
6	PELLING, West Sikkim	15 (Good)	34 (Good)
7	CHUNGTHANG, North Sikkim	26 (Good)	22 (Good)
8	MANGAN, North Sikkim	15 (Good)	19 (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 June 2<sup>nd</sup> week 2018 (i.e. 14/06/2018 & 16/06/2018) and as per the AQI, the quality of air at almost all the locations were good.

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE MONTH of JUNE (2<sup>nd</sup> WEEK) 2018

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	14/06/2018	40.02	8.35	8.02
	16/06/2018	53.08	8.33	9.77
SINGTAM	14/06/2018	29.86	5.6	4.18
	16/06/2018	28.83	7.3	3.59
DEORALI	14/06/2018	46.34	5.2	7.53
	16/06/2018	33.38	2.4	2.73
PELLING	14/06/2018	14.7	4.69	2.44
	16/06/2018	33.8	3.82	2.16
RAVANGLA	14/06/2018	28.46	5.1	2.61
	16/06/2018	26.91	3.9	2.83
NAMCHI	14/06/2018	27.08	4.4	3.29
	16/06/2018	24.78	6.9	3.97
CHUNGTHANG	14/06/2018	25.88	4.2	1.25
	16/06/2018	21.53	3.1	1.25
MANGAN	14/06/2018	15.76	5.2	4.89
	16/06/2018	19.28	4.2	5.47
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>