

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF JUNE

(3rd Week) 2018.

S.No	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	19.06.2018	21.06.2018
1	RANGPO, East Sikkim	92 (satisfactory)	63 (satisfactory)
2	SINGTAM, East Sikkim	NA	NA
3	DEORALI, East Sikkim	76 (Satisfactory)	89 (satisfactory)
4	RAVANGLA, South Sikkim	22 (Good)	21 (Good)
5	NAMCHI, South Sikkim	25 (Good)	23 (Good)
6	PELLING, West Sikkim	34 (Good)	15 (Good)
7	CHUNGTHANG, North Sikkim	NA	NA
8	MANGAN, North Sikkim	NA	NA

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 June 3rd week 2018 (i.e. 19/06/2018 & 21/06/2018) and as per the AQI, the quality of air at almost all the locations were good. Data is not available for Singtam, Chungthang and Mangan due to unavailability of filter paper.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH of JUNE (3rd WEEK) 2018

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	19-06-2018	92.42	11.46	5.43
	21-06-2018	63.43	11.52	5.53
SINGTAM	19-06-2018	NA	NA	NA
	21-06-2018	NA	NA	NA
DEORALI	19-06-2018	76.39	10.40	8.37
	21-06-2018	89.37	9.36	7.61
PELLING	19-06-2018	33.9	3.13	1.66
	21-06-2018	15.4	4.17	2.64
RAVANGLA	19-06-2018	22.12	4.2	1.98
	21-06-2018	20.98	3.6	2.61
NAMCHI	19-06-2018	25.43	4.9	4.54
	21-06-2018	23.12	5.2	4.02
CHUNGTHANG	19-06-2018	NA	NA	NA
	21-06-2018	NA	NA	NA
MANGAN	19-06-2018	NA	NA	NA
	21-06-2018	NA	NA	NA
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80