

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
SEPTEMBER 2020

S N	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	01.09. 2020	03.09. 2020	08.09. 2020	10.09. 2020	15.09. 2020	17.09. 2020	22.09. 2020	24.09. 2020
1	RANGPO, East Sikkim	62 (Satis factory)	61(Satis factory)	59 (Satis factory)	64 (Satis factory)	60 (Satis factory)	58 (Satis factory)	22 (Good)	24 (Good)
2	SINGTAM, East Sikkim	43 (Good)	39 (Good)	48 (Good)	43 (Good)	30 (Good)	35 (Good)	26 (Good)	39 (Good)
3	DEORALI, East Sikkim	28 (Good)	31 (Good)	28 (Good)	28 (Good)	28 (Good)	24 (Good)	30 (Good)	29 (Good)
4	RAVANGLA, South Sikkim	20 (Good)	20 (Good)	18 (Good)	21 (Good)	22 (Good)	21 (Good)	20 (Good)	19 (Good)
5	NAMCHI, South Sikkim	23 (Good)	26 (Good)	21 (Good)	22 (Good)	18 (Good)	19 (Good)	19 (Good)	20 (Good)
6	PELLING, West Sikkim	14 (Good)	14 (Good)	14 (Good)	15 (Good)	15 (Good)	16 (Good)	16 (Good)	19 (Good)
7	MANGAN, North Sikkim	20 (Good)	29 (Good)	13 (Good)	16 (Good)	31 (Good)	28 (Good)	17 (Good)	16 (Good)
8	CHUNGTHANG, North Sikkim	13 (Good)	18 (Good)	14 (Good)	13 (Good)	21 (Good)	17 (Good)	17 (Good)	16 (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 SEVEN STATIONS UNDER NAMP
 FOR THE MONTH OF SEPTEMBER 2020

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM10 (µg/m ³)
RANGPO	01.09.2020	12.06	5.44	62.22
	03.09.2020	13.67	7.18	61.03
	08.09.2020	11.11	5.96	59.72
	10.09.2020	11.29	8.69	64.11
	15.09.2020	10.15	8.25	60.12
	17.09.2020	11.33	7.60	58.45
	22.09.2020	12.84	7.60	22.84
	24.09.2020	4.97	6.44	24.1
SINGTAM	01.09.2020	3.66	6.3	41.92
	03.09.2020	5.4	6	37.58
	10.09.2020	5.1	6.55	39.14
	15.09.2020	5.67	5.33	37.69
	17.09.2020	6.2	6.78	37.69
	22.09.2020	4.76	3.23	39.41
	24.09.2020	4.84	6.37	39.41
	DEORALI	01.09.2020	6.05	8.17
03.09.2020		5.72	8.56	31.96
08.09.2020		3.99	6.01	28.41
10.09.2020		5.21	6.19	28.90
15.09.2020		4.19	3.77	28.14
17.09.2020		4.17	5.56	24.34
22.09.2020		3.59	4.14	30.77
24.09.2020		3.98	4.01	29.08
PELLING	01.09.2020	4.17	2.29	14
	03.09.2020	3.13	2.59	14.3
	08.09.2020	4.17	1.60	5.9
	10.09.2020	3.91	1.30	14.3
	15.09.2020	5.73	2.44	15.5
	17.09.2020	4.43	1.83	16.7
	22.09.2020	4.43	1.22	16
	24.09.2020	5.99	1.98	19.2
RAVANGLA	01.09.2020	4.7	2.54	8.75
	03.09.2020	1.9	3.05	14.04
	08.09.2020	2.6	3.35	12.6
	10.09.2020	4.2	3.07	19.64
	15.09.2020	3.1	4.05	18.44
	17.09.2020	4.2	3.63	20.14
	22.09.2020	3.1	4.47	20.7
	24.09.2020	5.7	4.75	21.18
NAMCHI	01.09.2020	3.9	3.27	23.55
	03.09.2020	4.2	3.16	26.23
	08.09.2020	4.4	3.46	21.35
	10.09.2020	3.9	3.60	22.01
	15.09.2020	4.2	2.94	18.29
	17.09.2020	3.32	2.08	17.47
	22.09.2020	3.4	2.95	19.88
	24.09.2020	4.36	2.46	16.81

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM10 (µg/m ³)
CHUNGTHANG	01.09.2020	4.31	1.58	13.05
	03.09.2020	4.63	2.33	18.57
	08.09.2020		2.4	13.69
	10.09.2020	4.36	2.34	13.34
	15.09.2020	3.4	1.93	15.32
	17.09.2020	5.3	1.88	15.59
	22.09.2020	4.48	1.64	17.27
	24.09.2020	4.31	1.88	16.76
MANGAN	01.09.2020	4.5	4.58	20.60
	03.09.2020	4.5	3.93	29.56
	08.09.2020	3.4	3.78	13.90
	10.09.2020	1.6	4.23	16.05
	15.09.2020	3.8	4.18	31.33
	17.09.2020	4.3	6.13	17.44
	22.09.2020	4	4.58	26.80
	24.09.2020	4.3	4.5	16.98
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80