

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE
MONTH OF NOVEMBER 2021

S N	LOCAT ION	AIR QUALITY INDEX															
		NAME OF STATION	01.11.2021	02.11.2021	03.11.2021	04.11.2021	05.11.2021	06.11.2021	07.11.2021	08.11.2021	09.11.2021	10.11.2021	11.11.2021	16.11.2021	18.11.2021	23.11.2021	25.11.2021
1	RANGPO, East Sikkim	-	-	-	-	-	-	-	-	-	-	-	56 (Satisfactory)	62 (Satisfactory)	65 (Satisfactory)	64 (Satisfactory)	71 (Satisfactory)
2	SINGTAM, East Sikkim	-	-	-	-	-	-	-	-	-	-	-	52 (Satisfactory)	49	53 (Satisfactory)	51 (Satisfactory)	48 (Good)
3	DEORALI, East Sikkim	60 (Satisfactory)	68 (Satisfactory)	62 (Satisfactory)	56 (Satisfactory)	75 (Satisfactory)	50 (Good)	53 (Satisfactory)	48 (Good)	50 (Good)	46 (Good)	46 (Good)	59 (Satisfactory)	56 (Satisfactory)	64 (Satisfactory)	55 (Satisfactory)	52 (Satisfactory)
4	RAVANGLA, South Sikkim	-	-	-	-	-	-	-	-	-	-	-	22 (Good)	25 (Good)	23 (Good)	23 (Good)	25 (Good)
5	NAMCHI, South Sikkim	-	-	-	-	-	-	-	-	-	-	-	31 (Good)	30 (Good)	34 (Good)	32 (Good)	29 (Good)
6	PELLING, West Sikkim	-	37 (Good)	-	33 (Good)	-	-	-	-	30 (Good)	-	31 (Good)	26 (Good)	35 (Good)	34 (Good)	28 (Good)	29 (Good)
7	MANGAN, North Sikkim	-	46 (Good)	-	39 (Good)	-	-	-	-	23 (Good)	-	25 (Good)	23 (Good)	23 (Good)	31 (Good)	29 (Good)	25 (Good)
8	CHUNGTHANG, North Sikkim	-	-	-	-	-	-	-	-	-	-	-	-	-	29 (Good)	28 (Good)	28 (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 EIGHT STATIONS UNDER NAMP FOR THE MONTH OF NOVEMBER 2021

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 ($\mu\text{g}/\text{m}^3$)	AQI
RANGPO	16/11/2021	55.76	4.83	10.94	56
	18/11/2021	62.19	3.36	10.44	62
	23/11/2021	65.23	3.49	11.1	65
	25/11/2021	63.66	4.36	11.03	64
	30/11/2021	70.69	4.59	12.16	71
SINGTAM	16/11/2021	52.17	8.93	8.94	52
	18/11/2021	48.78	8.04	9.2	49
	23/11/2021	53	7.44	10.03	53
	25/11/2021	50.63	8.63	9.51	51
	30/11/2021	47.89	9.23	10.03	48
GANGTOK	01/11/2021	59.69	2.18	7.69	60
	02/11/2021	68.24	1.35	7.14	68
	03/11/2021	62.43	2.55	7.41	62
	04/11/2021	55.93	1.63	5.49	56
	05/11/2021	74.74	1.46	6.42	75
	06/11/2021	50.45	2.75	4.36	50
	07/11/2021	52.81	1.89	7.51	53
	08/11/2021	47.61	1.44	10.31	48
	09/11/2021	49.82	1.99	9.03	50
	10/11/2021	45.75	1.14	8.75	46
	11/11/2021	45.72	3.46	10.12	46
	16/11/2021	59.28	2.74	10.22	59
	18/11/2021	55.62	2.21	9.28	56
	23/11/2021	64.19	2.48	9.61	64
	25/11/2021	54.85	2.21	9.28	55
30/11/2021	51.8	3.63	8.97	52	
RAVANGLA	16/11/2021	22.27	4.15	3.97	22
	18/11/2021	24.64	3.84	3.79	25
	23/11/2021	22.82	4.15	3.39	23
	25/11/2021	23.12	3.4	2.97	23
	30/11/2021	24.87	3.84	3.62	25
NAMCHI	16/11/2021	30.89	7.21	5.14	31
	18/11/2021	29.53	4.72	3.2	30
	23/11/2021	34.41	5.08	5.3	34
	25/11/2021	32.17	3.75	4.77	32
	30/11/2021	28.63	4.81	2.98	29

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 ($\mu\text{g}/\text{m}^3$)	AQI
PELLING	02/11/2021	36.63	5.62	3.03	37
	04/11/2021	33.47	4.38	4.3	33
	09/11/2021	29.7	6.46	4.01	30
	11/11/2021	31.3	6.46	4.95	31
	16/11/2021	25.87	3.96	4.69	26
	18/11/2021	34.7	5	3.91	35
	23/11/2021	34.4	4.38	3.52	34
	25/11/2021	28.17	4.38	5.38	28
	30/11/2021	28.83	5	4.01	29
MANGAN	02/11/2021	46.24	4.71	5.12	46
	04/11/2021	39.19	5.61	6.26	39
	09/11/2021	23.33	5.15	6.51	23
	11/11/2021	25.12	4.74	6.28	25
	16/11/2021	23.46	4.15	6.52	23
	18/11/2021	22.54	4.19	6.34	23
	23/11/2021	30.91	4.5	6.12	31
	25/11/2021	29	3.81	5.69	29
	30/11/2021	25.35	5.26	6.45	25
CHUNGTHANG	23/11/2021	29.14	5.55	6.83	29
	25/11/2021	28.22	6.6	7.71	28
	30/11/2021	28.22	6.6	7.71	28
National Ambient air Quality Standards (NAAQS-24hrs)		100	80	80	

National Ambient air Quality Standards (NAAQS-24hrs)