

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

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	05.10.2021	07.10.2021	19.10.2021	21.10.2021	25.10.2021	28.10.2021	29.10.2021	30.10.2021	31.10.2021
1	RANGPO, East Sikkim	43 (Good)	41 (Good)	37 (Good)	55 (Satisfactory)	-	-	-	-	-
2	SINGTAM, East Sikkim	48 (Good)	51 (Satisfactory)	44 (Good)	51 (Satisfactory)	-	-	-	-	-
3	DEORALI, East Sikkim	38 (Good)	48 (Good)	40 (Good)	41 (Good)	-	66 (Satisfactory)	68 (Satisfactory)	47 (Good)	64 (Good)
4	RAVANGLA, South Sikkim	22 (Good)	23 (Good)	22 (Good)	23 (Good)	-	-	-	-	-
5	NAMCHI, South Sikkim	30 (Good)	32 (Good)	26 (Good)	32 (Good)	37 (Good)	33 (Good)	-	-	-
6	PELLING, West Sikkim	33 (Good)	34 (Good)	31 (Good)	32 (Good)	35 (Good)	34 (Good)	-	-	-
7	MANGAN, North Sikkim	26 (Good)	21 (Good)	33 (Good)	40 (Good)	42 (Good)	41 (Good)	-	-	-
8	CHUNGTHANG, North Sikkim	28 (Good)	25 (Good)	26 (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 OCTOBER 2021**

STATION	DATE	PM10($\mu\text{g}/\text{m}^3$)	PM2.5($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	AQI
RANGPO	05/10/2021	43.41	-	6.83	10.02	43
	07/10/2021	40.51	-	5.85	10.51	41
	19/10/2021	37.16	-	5.81	13.39	37
	21/10/2021	54.76	-	7.57	11.12	55
SINGTAM	05/10/2021	48.45	-	9.66	10.15	48
	07/10/2021	50.68	-	8.79	10.71	51
	19/10/2021	43.61	-	8.42	10.88	44
	21/10/2021	51.04	-	9.26	10.76	51
GANGTOK	05/10/2021	37.56	28.16	6.48	13.49	38
	07/10/2021	47.71	29.56	11.16	14.97	48
	19/10/2021	40.35	29.1	10.23	13.72	40
	21/10/2021	40.52	30	10.3	15.68	41
	28/10/2021	65.93	30.43	4.88	3.73	66
	29/10/2021	68.33	20	1.86	1.66	68
	30/10/2021	46.91	-	4.22	8.54	47
	31/10/2021	63.72	-	1.25	7	64
RAVANGLA	05/10/2021	22.35	-	4.86	4.7	22
	07/10/2021	22.76	-	3.29	3.94	23
	19/10/2021	22.32	-	3.92	3.3	22
	21/10/2021	23.12	-	3.98	3.05	23
NAMCHI	05/10/2021	29.71	-	5.9	6.61	30
	07/10/2021	32.33	-	4.45	5.72	32
	19/10/2021	26.16	-	4.01	5.37	26
	21/10/2021	32.43	-	5.62	6.54	32
	25/10/2021	37.04	-	3.38	6.71	37
	28/10/2021	33.06	-	2.94	3.04	33
PELLING	05/10/2021	33.37	-	8.34	3.34	33
	07/10/2021	33.77	-	8.86	3.48	34
	19/10/2021	31.33	-	8.86	4.42	31
	21/10/2021	31.73	-	8.86	4	32
	26/10/2021	34.93	-	6.77	3.92	35
	28/10/2021	34.23	-	8.85	2.61	34
MANGAN	05/10/2021	26.16	-	5.45	6.13	26
	07/10/2021	21.17	-	4.68	5.77	21
	19/10/2021	32.83	-	5.48	6.42	33
	21/10/2021	39.81	-	5.73	7.18	40
	25/10/2021	42.03	-	5.39	5.67	42
	28/10/2021	40.9	-	5.84	6.18	41
CHUNGTHANG	05/10/2021	28.35	-	5.73	6.03	28.35
	07/10/2021	25.01	-	4.43	5.59	25.01
	19/10/2021	26.25	-	6.51	6.61	26.25
	21/10/2021	27.92	-	4.17	6.35	27.92
National Ambient Air Quality Standards (NAAQS – 24hrs)		100		80	80	

National Ambient Air Quality Standards (NAAQS – 24hrs)