

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

SI N O.	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	03.08.21	05.08.21	10.08.21	12.08.21	17.08.21	19.08.21	24.08.21	26.08.21	31.08.21
1.	RANGPO, East Sikkim	64 (Satisfactory)	61 (Satisfactory)	64 (Satisfactory)	59 (Satisfactory)	59 (Satisfactory)	50 (Good)	41 (Good)	34 (Good)	64 (Good)
2.	SINGTAM, East Sikkim	37 (Good)	39 (Good)	38 (Good)	40 (Good)	44 (Good)	43 (Good)	36 (Good)	40 (Good)	40 (Good)
3.	DEORALI, East Sikkim	24 (Good)	24 (Good)	31 (Good)	29 (Good)	36 (Good)	38 (Good)	29 (Good)	27 (Sat)	39 (Sat)
4.	RAVANGLA, South Sikkim	23 (Good)	38 (Good)	26 (Good)	26 (Good)	25 (Good)	25 (Good)	24 (Good)	24 (Good)	22 (Good)
5.	NAMCHI, South Sikkim	24 (Good)	24 (Good)	29 (Good)	30 (Good)	25 (Good)	25 (Good)	26 (Good)	28 (Good)	31 (Good)
6.	PELLING, West Sikkim	24 (Good)	24 (Good)	27 (Good)	26 (Good)	25 (Good)	25 (Good)	32 (Good)	26 (Good)	30 (Good)
7.	MANGAN, North Sikkim	26 (Good)	28 (Good)	31 (Good)	28 (Good)	33 (Good)	23 (Good)	26 (Good)	23 (Good)	25 (Good)
8.	CHUNGTHANG, North Sikkim	23 (Good)	22 (Good)	31 (Good)	30 (Good)	29 (Good)	31 (Good)	25 (Good)	30 (Good)	31 (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 AUGUST 2021

STATION	DATE	STANDARD PF PARAMETERS BY C.P.C.B			
		PM10($\mu\text{g}/\text{m}^3$)	SO ₂	NO ₂	AQI
RANGPO	03.08.2021	64.38	9.52	10.89	64
	05.08.2021	60.68	6.35	9.27	61
	10.08.2021	64.41	8.8	9.62	64
	12.08.2021	59.23	7	7.48	59
	17.08.2021	58.65	6.7	7.59	59
	19.08.2021	50.06	7.9	8.23	50
	24.08.2021	40.6	6.83	11.12	41
	26.08.2021	34.27	5.22	11.52	34
	31.08.2021	64.22	7.21	9.34	64
SINGTAM	03.08.2021	37.2	8.7	8.84	37
	05.08.2021	39.16	7.1	8.83	39
	10.08.2021	38.27	7.3	9.25	38
	12.08.2021	40.08	8.7	8.99	40
	17.08.2021	44.48	8.9	10.94	44
	19.08.2021	42.55	8.4	8.78	43
	24.08.2021	36.15	7.47	8.77	36
	26.08.2021	39.6	8.76	9.08	40
	31.08.2021	39.74	8.53	9.65	40
DEORALI	03.08.2021	24.42	6.07	9.4	24
	05.08.2021	23.96	5.38	9.82	24
	10.08.2021	30.81	6	11.31	31
	12.08.2021	29.05	6.4	12.06	29
	17.08.2021	35.79	6.08	11.43	36
	19.08.2021	38.18	6.5	11.23	38
	24.08.2021	28.64	6.4	8.69	29
	26.08.2021	27.03	6.1	9.97	27
	31.08.2021	39.43	6.3	9.22	39
RAVANGLA	03.08.2021	23.11	2.97	3.43	23
	05.08.2021	38.4	2.56	2.97	38
	10.08.2021	26.06	3.72	3.66	26
	12.08.2021	25.53	5.55	4.13	26
	17.08.2021	25.23	5.28	5.4	25
	19.08.2021	25.4	4.58	4.13	25
	24.08.2021	23.91	2.5	3.09	24
	26.08.2021	24.41	3.8	2.45	24

STATION	DATE	STANDARD PF PARAMETERS BY C.P.C.B			
		PM10($\mu\text{g}/\text{m}^3$)	SO ₂	NO ₂	AQI
	31.08.2021	21.56	2.3	2.54	22
NAMCHI	03.08.2021	24.42	6.07	9.4	24
	05.08.2021	23.96	5.38	9.82	24
	10.08.2021	28.89	5	6.06	29
	12.08.2021	30.05	5.2	7.02	30
	17.08.2021	24.67	3.9	6.12	25
	19.08.2021	24.94	5.2	6.02	25
	24.08.2021	26.05	5.91	6.5	26
	26.08.2021	27.58	4.78	6.1	28
	31.08.2021	30.75	5.91	6.41	31
PELLING	03.08.2021	23.9	5.28	3.65	24
	05.08.2021	24.4	3.61	4.6	24
	10.08.2021	27.03	4.3	5.56	27
	12.08.2021	25.53	5.55	4.13	26
	17.08.2021	25.23	5.28	5.4	25
	19.08.2021	25.4	4.58	4.13	25
	24.08.2021	32.1	3.89	4.29	32
	26.08.2021	25.87	3.75	4.6	26
	31.08.2021	30.47	4.03	4.29	30
MANGAN	03.08.2021	25.6	5.46	6.49	26
	05.08.2021	28.3	4.58	4.57	28
	10.08.2021	30.57	5	6.12	31
	12.08.2021	27.95	5.4	6.52	28
	17.08.2021	33.2	5	5.7	33
	19.08.2021	22.97	4.8	5.3	23
	24.08.2021	26	4.15	4.78	26
	26.08.2021	22.62	5.59	6.51	23
	31.08.2021	24.8	6.04	6.15	25
CHUNGTHANG	03.08.2021	22.75	4.2	6.66	23
	05.08.2021	21.53	5.2	6.04	22
	10.08.2021	31.24	5	6.44	31
	12.08.2021	30.03	5.42	6.83	30
	17.08.2021	28.71	5.21	6.42	29
	19.08.2021	31.21	4.58	7.23	31
	24.08.2021	25.47	4.8	6.04	25
	26.08.2021	30.28	5.8	6.89	30
	31.08.2021	30.9	4.8	5.65	31
National Ambient Air Quality Standards (NAAQS – 24hrs)		100	80	80	

National Ambient Air Quality Standards (NAAQS – 24hrs)