

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

S N	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	01.10 2020	03.10. 2020	06.10. 2020	08.10. 2020	12.10. 2020	14.10 2020	16.10 2020	19.10. 2020	21.10. 2020
1	RANGPO, East Sikkim	40 (Good)	43 (Good)	21 (Good)	22 (Good)	40 (Good)	39 (Good)	44 (Good)	60(Satis factory)	54(Satis factory)
2	SINGTAM, East Sikkim	35 (Good)	36 (Good)	36 (Good)	34 (Good)	40 (Good)	40 (Good)	32 (Good)	39 (Good)	43 (Good)
3	DEORALI, East Sikkim	39 (Good)	38 (Good)	39 (Good)	38 (Good)	34 (Good)	40 (Good)	35 (Good)	35 (Good)	39 (Good)
4	RAVANGLA, South Sikkim	24 (Good)	27 (Good)	24 (Good)	24 (Good)	13 (Good)	16 (Good)	18 (Good)	16 (Good)	19 (Good)
5	NAMCHI, South Sikkim	25 (Good)	27 (Good)	26 (Good)	24 (Good)	28 (Good)	27 (Good)	26 (Good)	28 (Good)	28 (Good)
6	PELLING, West Sikkim	40 (Good)	23 (Good)	20 (Good)	28 (Good)	26 (Good)	24 (Good)	25 (Good)	34 (Good)	37 (Good)
7	MANGAN, North Sikkim	22 (Good)	21 (Good)	22 (Good)	27 (Good)	36 (Good)	35 (Good)	37 (Good)	42 (Good)	46 (Good)
8	CHUNGTHAN G, North Sikkim	17 (Good)	16 (Good)	16 (Good)	20 (Good)	19 (Good)	21 (Good)	17 (Good)	16 (Good)	22 (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 OCTOBER 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	01.10.2020	10.95	9.29	39.56
	03.10.2020	13.33	8.22	43.28
	06.10.2020	8.08	5.98	20.59
	08.10.2020	5.38	4.93	22.25
	12.10.2020	4.95	6.92	40.44
	14.10.2020	5.37	6.48	39.30
	16.10.2020	4.94	5.41	44.43
	19.10.2020	6.23	5.87	59.81
	21.10.2020	5.25	5.46	54.09
SINGTAM	01.10.2020	5.75	6.50	35.46
	03.10.2020	6.01	6.14	36.11
	06.10.2020	6.61	7.27	35.97
	08.10.2020	6.91	6.52	33.85
	12.10.2020	7.40	8.77	39.59
	14.10.2020	9.37	9.71	39.58
	16.10.2020	8.16	9.51	31.91
	19.10.2020	7.08	7.56	39.49
	21.10.2020	7.50	7.77	43.27
PELLING	01.10.2020	6.99	7.66	40.14
	03.10.2020	5.03	1.71	23.4
	06.10.2020	3.12	1.08	20.3
	08.10.2020	2.78	4.32	28.0
	12.10.2020	2.94	1.91	26.9
	14.10.2020	4.23	2.03	24.3
	16.10.2020	3.68	1.65	25.4
	19.10.2020	4.60	1.65	34.0
	21.10.2020	3.50	1.27	37.5
GANGTOK	01.10.2020	4.77	9.52	39.33
	03.10.2020	5.21	8.05	37.94
	06.10.2020	5.51	7.03	39.45
	08.10.2020	4.7	7.25	37.82
	12.10.2020	5.20	7.96	34.35
	14.10.2020	5.47	9.84	40.12
	16.10.2020	6.24	9.69	34.58
	19.10.2020	4.76	7.09	35.20
	21.10.2020	6.04	7.44	38.94
NAMCHI	01.10.2020	4.3	4.00	24.94
	03.10.2020	4.3	3.84	27.30
	06.10.2020	4.3	3.17	25.59
	08.10.2020	3.8	3.50	24.51
	12.10.2020	4.3	4.86	28.33
	14.10.2020	4.3	4.27	27.47
	16.10.2020	3.8	3.99	26.26
	19.10.2020	4.5	4.22	28.10
	21.10.2020	3.8	4.18	28.46

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM10 (µg/m ³)
RAVANGLA	01.10.2020	4.8	2.29	23.89
	03.10.2020	5.7	3.18	27.37
	06.10.2020	5.1	2.35	24.36
	08.10.2020	2.9	3.11	24.26
	12.10.2020	2.2	2.48	12.98
	14.10.2020	6.1	3.56	16.28
	16.10.2020	4.5	3.43	18.01
	19.10.2020	2.6	3.05	16.69
	21.10.2020	5.2	4.27	19.53
MANGAN	01.10.2020	3.5	4.25	22.16
	03.10.2020	4.5	5.62	20.80
	06.10.2020	4.8	4.84	22.40
	08.10.2020	4.8	5.02	26.83
	12.10.2020	5.7	5.97	36.03
	14.10.2020	4.5	4.99	34.57
	16.10.2020	4.8	5.97	37.33
	19.10.2020	5.7	6.28	42.32
	21.10.2020	6.0	6.85	45.58
CHUNGTHANG	01.10.2020	4.80	2.18	17.18
	03.10.2020	5.34	2.43	16.31
	06.10.2020	6.24	2.22	16.28
	08.10.2020	5.34	1.85	20.37
	12.10.2020	6.54	1.70	19.34
	14.10.2020	5.34	1.91	20.75
	16.10.2020	6.23	2.27	16.68
	19.10.2020	4.75	1.79	15.88
	21.10.2020	3.5	4.25	22.16
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80