

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE**  
**MONTH OF NOVEMBER 2022**

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	1.11.2022	3.11.2022	8.11.2022	11.11.2022	15.11.2022	17.11.2022	22.11.2022	24.11.2022	29.11.2022
1	RANGPO, East Sikkim	56 (Satisfactory)	69 (Satisfactory)	59 (Satisfactory)	48 (Good)	58 (Satisfactory)	52 (Satisfactory)	56 (Satisfactory)	60 (Satisfactory)	62 (Satisfactory)
2	SINGTAM, East Sikkim	59 (Satisfactory)	61 (Satisfactory)	57 (Satisfactory)	59 (Satisfactory)	55 (Satisfactory)	59 (Satisfactory)	61 (Satisfactory)	59 (Satisfactory)	65 (Satisfactory)
3	DEORALI, East Sikkim	50 (Good)	46 (Good)	48 (Good)	48 (Good)	55 (Satisfactory)	45 (Good)	67 (Satisfactory)	53 (Satisfactory)	39 (Good)
4	RAVANGLA, South Sikkim	15 (Good)	18 (Good)	13 (Good)	18 (Good)	19 (Good)	19 (Good)	20 (Good)	25 (Good)	26 (Good)
5	NAMCHI, South Sikkim	32 (Good)	28 (Good)	30 (Good)	28 (Good)	35 (Good)	32 (Good)	31 (Good)	31 (Good)	34 (Good)
6	PELLING, West Sikkim	30 (Good)	34 (Good)	38 (Good)	32 (Good)	29 (Good)	32 (Good)	29 (Good)	33 (Good)	38 (Good)
7	MANGAN, North Sikkim	28 (Good)	34 (Good)	22 (Good)	27 (Good)	36 (Good)	33 (Good)	19 (Good)	19 (Good)	32 (Good)
8	CHUNGTHANG, North Sikkim	27 (Good)	26 (Good)	22 (Good)	24 (Good)	26 (Good)	23 (Good)	23 (Good)	27 (Good)	24 (Good)

<b>Good</b> (0–50)	Minimal Impact	<b>Poor</b> (201–300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51–100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301–400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>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 2022**

Station	Sampling Date	STANDARD OF PARAMETERS BY C.P.C.B			
		SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	AQI
<b>RANGPO</b>	01-11-2022	5.58	12.18	56.09	<b>56</b>
	03-11-2022	4.84	9.79	68.81	<b>69</b>
	08-11-2022	5.97	10.71	58.87	<b>59</b>
	11-11-2022	6.73	12.57	47.59	<b>48</b>
	15-11-2022	6.37	8.97	58.09	<b>58</b>
	17-11-2022	8.39	8.78	52.16	<b>52</b>
	22-11-2022	7.12	11.9	55.84	<b>56</b>
	24-11-2022	5.95	12.25	59.91	<b>60</b>
	29-11-2022	9.62	13.87	61.65	<b>62</b>
<b>Singtam</b>	01-11-2022	6.04	9.55	58.78	<b>59</b>
	03-11-2022	6.94	10.24	60.58	<b>61</b>
	08-11-2022	6.04	9.66	56.86	<b>57</b>
	11-11-2022	6.34	10.12	59.44	<b>59</b>
	15-11-2022	7.25	8.62	54.94	<b>55</b>
	17-11-2022	6.27	9.31	58.78	<b>59</b>
	22-11-2022	5.8	9.65	60.98	<b>61</b>
	24-11-2022	6.76	10.64	58.78	<b>59</b>
	29-11-2022	6.09	9.75	65.39	<b>65</b>
<b>Gangtok</b>	01-11-2022	4.43	7.18	50.13	<b>50</b>
	03-11-2022	6.68	13.33	46.34	<b>46</b>
	08-11-2022	5.77	13.93	47.8	<b>48</b>
	11-11-2022	7.08	11.43	47.62	<b>48</b>
	15-11-2022	3.28	9.65	55.13	<b>55</b>
	17-11-2022	6.47	10.04	44.95	<b>45</b>
	22-11-2022	3.72	10.87	66.97	<b>67</b>
	24-11-2022	4.75	10.61	53.47	<b>53</b>
	29-11-2022	4.35	11	38.63	<b>39</b>
<b>Ravangla</b>	01-11-2022	4.71	2.19	15.37	<b>15</b>
	03-11-2022	2.81	4.51	18.25	<b>18</b>
	08-11-2022	3	2.54	13.09	<b>13</b>
	11-11-2022	2.98	3	17.62	<b>18</b>
	15-11-2022	3.88	4.91	18.82	<b>19</b>
	17-11-2022	2.98	2.91	18.82	<b>19</b>
	22-11-2022	4.94	3.98	19.74	<b>20</b>
	24-11-2022	4.09	4.37	24.86	<b>25</b>

Station	Sampling Date	STANDARD OF PARAMETERS BY C.P.C.B			
		SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	AQI
	29-11-2022	4.08	3.85	26	26
Namchi	01-11-2022	5.15	7.31	31.65	32
	03-11-2022	3.22	4.82	27.91	28
	08-11-2022	3.52	7.22	30.07	30
	11-11-2022	4.89	5.76	28.34	28
	15-11-2022	5.45	7.31	35.34	35
	17-11-2022	4.7	6.08	32.36	32
	22-11-2022	5.81	5.67	31.02	31
	24-11-2022	5.31	6.75	31.42	31
	29-11-2022	3.94	5.24	33.75	34
Pelling	01-11-2022	4.33	2.2	29.58	30
	03-11-2022	4.49	1.78	34.27	34
	08-11-2022	5.56	2.59	37.77	38
	11-11-2022	6.19	2.17	31.9	32
	15-11-2022	5.93	2.67	28.53	29
	17-11-2022	5.74	2.95	31.67	32
	22-11-2022	4.33	2.45	28.5	29
	24-11-2022	3.37	2.3	33.37	33
	29-11-2022	3.69	1.45	38.47	38
Mangan	01-11-2022	4.42	5.07	28.16	28
	03-11-2022	3.63	5.91	33.84	34
	08-11-2022	3.79	6.05	21.79	22
	11-11-2022	4.52	5.36	26.69	27
	15-11-2022	3.93	5.37	35.74	36
	17-11-2022	3.93	5.8	32.93	33
	22-11-2022	3.71	5.04	19.43	19
	24-11-2022	3.94	5.41	18.58	19
	29-11-2022	3.7	5.26	32.4	32
Chungthang	01-11-2022			27.4	27
	03-11-2022			25.54	26
	08-11-2022			21.91	22
	11-11-2022			23.7	24
	15-11-2022			25.6	26
	17-11-2022			22.97	23
	22-11-2022			23.48	23
	24-11-2022			26.98	27
	29-11-2022			24.48	24
<b>National Ambient Air Quality Standard (NAAQS-24hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>	

**National Ambient Air Quality Standard (NAAQS-24hrs)**