

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE**  
**MONTH OF NOVEMBER 2023**

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	02.11.2023	07.11.2023	09.11.2023	14.11.2023	16.11.2023	21.11.2023	23.11.2023	27.11.2023	29.11.2023
1	RANGPO, East Sikkim	57 (Satisfactory)	60 (Satisfactory)	57 (Satisfactory)	62 (Satisfactory)	67 (Satisfactory)	53 (Satisfactory)	56 (Satisfactory)	57 (Satisfactory)	58 (Satisfactory)
2	SINGTAM, East Sikkim	67 (Satisfactory)	71 (Satisfactory)	69 (Satisfactory)	65 (Satisfactory)	63 (Satisfactory)	68 (Satisfactory)	71 (Satisfactory)	72 (Satisfactory)	76 (Satisfactory)
3	DEORALI, East Sikkim	49 (Good)	41 (Good)	55 (Satisfactory)	31 (Good)	33 (Good)	39 (Good)	50 (Good)	46 (Good)	44 (Good)
4	RAVANGLA, South Sikkim	19 (Good)	22 (Good)	22 (Good)	24 (Good)	23 (Good)	26 (Good)	25 (Good)	22 (Good)	23 (Good)
5	NAMCHI, South Sikkim	35 (Good)	35 (Good)	36 (Good)	33 (Good)	32 (Good)	37 (Good)	36 (Good)	35 (Good)	36 (Good)
6	PELLING, West Sikkim	48 (Good)	39 (Good)	36 (Good)	32 (Good)	41 (Good)	18 (Good)	24 (Good)	21 (Good)	20 (Good)
7	MANGAN, North Sikkim	49 (Good)	35 (Good)	50 (Good)	43 (Good)	29 (Good)	46 (Good)	47 (Good)	38 (Good)	39 (Good)
8	CHUNGTHANG, North Sikkim	-	-	-	-	-	-	35 (Good)	34 (Good)	28 (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 2023**

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> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	AQI
<b>RANGPO</b>	02.11.2023	4.22	9.45	57.38		<b>57</b>
	07.11.2023	2.5	9.5	60.06		<b>60</b>
	09.11.2023	5.35	14.13	57.13		<b>57</b>
	14.11.2023	3.74	14.62	59.47	37.31	<b>62</b>
	16.11.2023	3.45	13.29	55.93	40.1	<b>67</b>
	21.11.2023	3.71	12.53	53.48	11.82	<b>53</b>
	23.11.2023	4.53	15.34	56.43	26.16	<b>56</b>
	27.11.2023	4.29	10.35	56.95	21.9	<b>57</b>
	29.11.2023	4.01	11.02	58.14	19.11	<b>58</b>
<b>SINGTAM</b>	02.11.2023	5.11	12.28	67		<b>67</b>
	07.11.2023	3.78	11.95	70.5		<b>71</b>
	09.11.2023	4.24	11.13	69.37		<b>69</b>
	14.11.2023	4.17	12.46	65.34	31.14	<b>65</b>
	16.11.2023	4.75	11.65	63.35	29.73	<b>63</b>
	21.11.2023	7.03	8.38	68.27	33.67	<b>68</b>
	23.11.2023	6.88	8.84	71.4	31.8	<b>71</b>
	27.11.2023	6.83	7.76	71.62	32.47	<b>72</b>
	29.11.2023	6.17	8.37	75.85	37.1	<b>76</b>
<b>DEORALI</b>	02.11.2023	4.63	10.47	48.54	22.46	<b>49</b>
	07.11.2023	6.6	10.23	41.1	19.06	<b>41</b>
	09.11.2023	5.4	9.88	54.31	32.93	<b>55</b>
	14.11.2023	5.9	14.1	30.97	16.98	<b>31</b>
	16.11.2023	5.3	13.33	33.14	17.97	<b>33</b>
	21.11.2023	5.49	9.42	39.23	20.78	<b>39</b>
	23.11.2023	5.15	9.07	49.85	24.1	<b>50</b>
	27.11.2023	5.91	9.28	46.26	23.35	<b>46</b>
	29.11.2023	6.82	10.05	43.64	22.02	<b>44</b>
<b>RAVANGLA</b>	02.11.2023	4.63	4.09	19.33		<b>19</b>
	07.11.2023	3.37	4.04	21.54		<b>22</b>
	09.11.2023	4.88	5.83	21.54		<b>22</b>
	14.11.2023	4.32	6.35	24.24		<b>24</b>
	16.11.2023	3.65	4.43	22.75		<b>23</b>
	21.11.2023	5.5	3.73	25.89		<b>26</b>
	23.11.2023	4.5	3.21	24.98		<b>25</b>
	27.11.2023	4.4	5.29	22.18		<b>22</b>
	29.11.2023	3.4	4.83	23.2		<b>23</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> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	AQI
NAMCHI	02.11.2023	4.56	6.52	34.73		35
	07.11.2023	4.29	5.47	34.87		35
	09.11.2023	4.03	5.86	36.31		36
	14.11.2023	4.56	5.74	33.43		33
	16.11.2023	5.09	5.94	32.49		32
	21.11.2023	3.8	5.98	37.41		37
	23.11.2023	6.52	5.9	36.36		36
	27.11.2023	4.3	5.47	34.88		35
	29.11.2023	3.5	5.55	35.71		36
PELLING	02.11.2023	5.11	1.98	47.73		48
	07.11.2023	5.3	2.32	38.6		39
	09.11.2023	7.39	1.94	35.6		36
	14.11.2023	5.11	2.2	31.7		32
	16.11.2023	3.98	1.32	40.77		41
	21.11.2023	4.36	1.11	18.4		18
	23.11.2023	5.87	1.91	24.3		24
	27.11.2023	5.11	2.35	21.2		21
	29.11.2023	7.76	1.11	19.9		20
MANGAN	02.11.2023	3.54	4.59	49.06		49
	07.11.2023	3.1	3.42	34.88		35
	09.11.2023	2.98	3.7	50.37		50
	14.11.2023	2.78	4.16	42.61		43
	16.11.2023	3.25	4.31	28.87		29
	21.11.2023	4.6	3.52	45.53		46
	23.11.2023	4.6	3.38	46.66		47
	27.11.2023	3.7	3.23	37.7		38
	29.11.2023	3	2.94	39.32		39
CHUNGTHANG	02.11.2023	NO DATA BECAUSE OF GLACIAL OUTBURST				
	07.11.2023					
	09.11.2023					
	14.11.2023					
	16.11.2023					
	21.11.2023					
	23.11.2023	3	4.82	35.32		35
	27.11.2023	3	4.4	34.29		34
	29.11.2023	4.4	4.48	28.47		28
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)