

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF JUNE 2024**

S N	LOCATION	AIR QUALITY INDEX											
	NAME OF STATION	01.06.2024	02.06.2024	04.06.2024	06.06.2024	08.06.2024	09.06.2024	11.06.2024	13.06.2024	18.06.2024	20.06.2024	25.06.2024	27.06.2024
1	RANGPO, East Sikkim	-	-	55 (Satisfactory)	58 (Satisfactory)	-	-	45 (Good)	49 (Good)	53 (Satisfactory)	53 (Satisfactory)	45 (Good)	47 (Good)
2	SINGTAM, East Sikkim	-	-	63 (Satisfactory)	61 (Satisfactory)	-	-	55 (Satisfactory)	58 (Satisfactory)	59 (Satisfactory)	54 (Satisfactory)	58 (Satisfactory)	55 (Satisfactory)
3	DEORALI, East Sikkim	33 (Good)	41 (Good)			57 (Satisfactory)	58 (Satisfactory)		24 (Good)	16 (Good)	39 (Good)	27 (Good)	-
4	RAVANGLA, South Sikkim	-	-	31 (Good)	31 (Good)	-	-	29 (Good)	33 (Good)	33 (Good)	33 (Good)	27 (Good)	30 (Good)
5	NAMCHI, South Sikkim	35 (Good)	39 (Good)	-	-	35 (Good)	40 (Good)	-	-	35 (Good)	39 (Good)	35 (Good)	36 (Good)
6	PELLING, West Sikkim	12 (Good)	19 (Good)	-	-	19 (Good)	22 (Good)	-	-	27 (Good)	26 (Good)	20 (Good)	13 (Good)
7	MANGAN, North Sikkim	21 (Good)	23 (Good)	-	-	26 (Good)	21 (Good)	-	-	27 (Good)	27 (Good)	21 (Good)	38 (Good)
8	CHUNGTHANG, North Sikkim	-	-	29 (Good)	32 (Good)	-	-	27 (Good)	27 (Good)	26 (Good)	25 (Good)	23 (Good)	24 (Good)

<b>Good(0–50)</b>	Minimal Impact	<b>Poor (201–300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory(51–100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor(301–400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate(101–200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe(&gt;401)</b>	Respiratory effects even on healthy people

**STATE POLLUTION CONTROL BOARD, SIKKIM AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP FOR THE MONTH OF JUNE 2024**

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>	04-06-2024	6.62	13.42	55.36	14.69	<b>55</b>
	06-06-2024	5.7	14.83	58.37	16.77	<b>58</b>
	11-06-2024	6.88	12.91	44.85	13.58	<b>45</b>
	13-06-2024	7.25	13.95	48.88	14.05	<b>49</b>
	18-06-2024	7.28	12.01	53.03	18.25	<b>53</b>
	20-06-2024	6.71	12.9	53.26	13.94	<b>53</b>
	25-06-2024	5.62	11.25	45.38	14.57	<b>45</b>
	27-06-2024	6.44	8.79	46.62	13.31	<b>47</b>
<b>SINGTAM</b>	04-06-2024	6.73	11.54	62.58	28.46	<b>63</b>
	06-06-2024	7.5	11.61	60.67	25.86	<b>61</b>
	11-06-2024	4.85	8.97	54.95	22.37	<b>55</b>
	13-06-2024	5.58	10.76	58.45	26.16	<b>58</b>
	18-06-2024	6.25	10.06	59.31	27.91	<b>59</b>
	20-06-2024	5.93	9.29	53.93	20.83	<b>54</b>
	25-06-2024	6.29	9.49	57.96	23.46	<b>58</b>
	27-06-2024	4.49	10.15	55.31	22.08	<b>55</b>
<b>GANGTOK</b>	01-06-2024	5.33	9.32	32.59	14.74	<b>33</b>
	02-06-2024	5.62	9.75	41.07	18.53	<b>41</b>
	08-06-2024	7.26	11.47	57.22	28.86	<b>57</b>
	09-06-2024	6.38	10.81	58.18	29.8	<b>58</b>
	13-06-2024	3.57	11.63	24.27	15.8	<b>24</b>
	18-06-2024	3.21	9.76	16.11	10.84	<b>16</b>
	20-06-2024	6.47	9.82	39.03	19.13	<b>39</b>
	25-06-2024	4.02	7.55	27.19	13.4	<b>27</b>
<b>RAVANGLA</b>	04-06-2024	5.35	5.4	30.52	13.8	<b>31</b>
	06-06-2024	5.19	5.65	30.93	13.36	<b>31</b>
	11-06-2024	5	6.34	28.53	12.91	<b>29</b>
	13-06-2024	4.89	6.13	32.68	11.58	<b>33</b>
	18-06-2024	6.19	7.07	32.68	13.36	<b>33</b>
	20-06-2024	6.52	6.95	33.18	14.25	<b>33</b>
	25-06-2024	6.9	6.88	27.04	12.02	<b>27</b>
	27-06-2024	5.36	6.92	30.11	13.8	<b>30</b>
<b>NAMCHI</b>	01-06-2024	3.03	7.16	35.27	17.03	<b>35</b>
	02-06-2024	2.92	6.71	39.14	18.32	<b>39</b>
	08-06-2024	4.26	8.61	35.25	17.6	<b>35</b>
	09-06-2024	3.31	6.89	40.34	18.29	<b>40</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
	18-06-2024	2.36	6.24	34.96	16.67	35
	20-06-2024	4.04	6.81	38.5	15.94	39
	25-06-2024	4.6	6.96	34.61	14.57	35
	27-06-2024	4.95	8.05	36.28	18.35	36
PELLING	01-06-2024	3.69	6.28	12.43	5.41	12
	02-06-2024	2.85	5.79	18.53	7.99	19
	08-06-2024	3.92	5.66	18.6	8.81	19
	09-06-2024	4.17	5.64	22.33	9.21	22
	18-06-2024	3.94	5.82	26.87	8.89	27
	20-06-2024	3.1	5.25	26.4	10.05	26
	25-06-2024	3.7	5.33	20.2	6.96	20
	27-06-2024	3.2	5.29	12.7	5.4	13
MANGAN	01-06-2024	2.39	5.12	21.29	5.8	21
	02-06-2024	2.75	5.05	22.71	6.19	23
	08-06-2024	2.5	5.22	26.48	5.99	26
	09-06-2024	2.4	5.38	21.24	6.08	21
	18-06-2024	2.47	5.39	26.73	12.15	27
	20-06-2024	2.38	5	26.76	11.77	27
	25-06-2024	2.13	5.51	21.19	6.2	21
	27-06-2024	2.69	5.58	38.19	6	38
CHUNGTHANG	04-06-2024	4.45	5.1	29.44	0	29
	06-06-2024	3.75	5.38	32.31	0	32
	11-06-2024	3.38	4.67	26.75	6.68	27
	13-06-2024	4.19	5.16	26.62	7.53	27
	18-06-2024	4.7	6.66	25.98	10.43	26
	20-06-2024	4.05	4.95	25.04	9.77	25
	25-06-2024	4.8	5.58	23.41	8.11	23
	27-06-2024	4.59	6.25	23.77	5.74	24
<b>National Ambient Air Quality Standard (NAAQS-24hrs)</b>		<b>80</b>	<b>80</b>	<b>100</b>	<b>60</b>	

National Ambient Air Quality Standard (NAAQS-24hrs)