

Source: State Pollution Control Board (SPCB), Sikkim
Forest & Environment Department
Government of Sikkim

Ambient Air Quality monitoring data during Deepawali festival 17.10.2022 to 31.10.2022)

Data/ Observation

Name of the location: DEORALI					
Date	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	AQI
17.10.2022	8.01	11.68	24.7	11.03	25(Good)
18.10.2022	8.22	11.68	39.55	13.99	40(Good)
19.10.2022	9.08	11.8	45.72	26.89	46(Good)
20.10.2022	10.09	11.24	56.83	36.6	61(Satisfactory)
21.10.2022	8.44	13.78	50.51	21.46	51(Satisfactory)
22.10.2022	7.61	15.49	42.58	20.07	43(Good)
23.10.2022	10.42	16.42	46.74	18.43	47(Good)
24.10.2022	8.55	11.03	47.12	25.1	47(Good)
25.10.2022	8.57	10.68	32.66	15.44	33(Good)
26.10.2022	7.27	10.39	47.8	31.59	53(Satisfactory)
27.10.2022	7.52	9.82	44.2	20.93	44(Good)
28.10.2022	11.61	8.82	44.5	18.99	45(Good)
29.10.2022	10.53	12.21	42.3	23.74	42(Good)
30.10.2022	9.36	11.69	41.97	22.14	42(Good)
31.10.2022	6.45	9.95	46.59	22.64	47(Good)

All values (24 hourly Avg.) are in $\mu\text{g}/\text{m}^3$

Interpretation of Ambient Quality Data/ Results:

Reports show that all the pollutant levels are within the prescribed limits (24 hrs) as per the guidelines given by CPCB, MoEF&CC, Govt. of India.

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Data/ Observation

Name of the location: M.G. MARG					
Date	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	AQI
17.10.2022	3.57	21.67	43.33	-	43(Good)
18.10.2022	6.85	22.37	53.09	29.42	53(Satisfactory)
19.10.2022	4.62	19.81	61.66	30.93	62(Satisfactory)
20.10.2022	3.09	12	52.37	29.33	52(Satisfactory)
21.10.2022	3.03	20.14	56.42	28.83	56(Satisfactory)
22.10.2022	5.05	16.05	61.58	25.86	62(Satisfactory)
23.10.2022	3.73	17.73	54.38	16.89	54(Satisfactory)
24.10.2022	3.24	18.91	64.38	29.23	64(Satisfactory)
25.10.2022	2.65	10.62	63.52	24.69	64(Satisfactory)
26.10.2022	6	19.37	57.61	28.81	58(Satisfactory)
27.10.2022	5.47	18.74	60.38	31.26	60(Satisfactory)
28.10.2022	7.5	15.77	56.95	24.65	57(Satisfactory)
29.10.2022	4.98	19.27	55.71	29	56(Satisfactory)
30.10.2022	7.77	23.32	66.54	35.52	67(Satisfactory)
31.10.2022	6.46	17.18	61.92	30.83	62(Satisfactory)

All values (24 hourly Avg.) are in $\mu\text{g}/\text{m}^3$

Interpretation of Ambient Quality Data/ Results:

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