

Ambient Air Quality Status in Major Urban Areas in Sri Lanka

Particulate Matter (Dust) level at 08:00 hour on 11th December 2022

Location	Particulate Matter Level (PM _{2.5}) µg/m ³	US Air Quality Index (US AQI)
Colombo 07 (MET Department)	43	123
Jaffna (MET Department)	38	109
Kurunegala (PEA)	35	100
Vavuniya (MET Department)	32	91
Kandy (Railway Station)	37	106
Kegalle (Post Office)	34	97
Galle (Karapitiya)	24	69
Nuwara Eliya (Magasthota)	23	66
Rathnapura (Gatangama)	27	77
Embilipitiya (Post Office)	30	86
Puttalam (MET Department)	41	117
Badulla (District Secretariat)	31	89
Trincomalee (MET Department)	24	69
Mullaitivu (MET Department)	29	83
Kalutara (Post Office)	34	97
Hambantota (Post Office)	30	86
Polonnaruwa (MET Department)	36	103

US EPA Air Quality Index (AQI)

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

Air quality index level with respect to PM_{2.5} for 08:00 hour indicate unhealthy for sensitive group level at Colombo, Jaffna, Kurunegala, Kandy, Puttalam, Polonnaruwa and moderate level at other cities.



Environmental Studies & Services Division,
National Building Research Organization
99/1, Jawatte Road, Colombo 05

Tel : 011 2588946 Email : nbro@sltnet.lk Web: www.nbro.gov.lk

