

LITHOMETEORS

Haze



Dust storm



Smoke



Dust whirl



GOBIERNO
DE ESPAÑA

VICEPRESIDENCIA
TERCERA DEL GOBIERNO
MINISTERIO
PARA LA TRANSICIÓN ECOLÓGICA
Y EL RETO DEMOGRÁFICO

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LITHOMETEORS

A **lithometeor** consists of an ensemble of particles, most of which are solid and non-aqueous. The particles are either suspended in the air or lifted by the wind from the ground. They may be suspended particles (**haze, dust haze** or **smoke**) consisting of very small dust particles, sea-salt particles or combustion products (for example, from forest fires) or particles lifted by the wind (**drifting** and **blowing dust** or **sand, dust storm** or **sandstorm**, and **dust whirl** or **sand whirl**). When well developed, a **dust whirl** is known as a **dust devil**.

❶ **Haze**: a suspension in the air of extremely small, dry particles invisible to the naked eye and sufficiently numerous to give the air an opalescent appearance.

❷ **Dust storm** or **sandstorm**: an ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind .

❸ **Smoke**: a suspension in the air of small particles produced by combustion.

❹ **Dust whirl** or **sand whirl** (dust devil): an ensemble of particles of dust or sand, sometimes accompanied by small litter, raised from the ground in the form of a whirling column of varying height with a small diameter and an approximately vertical axis .



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