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Dust, Fire, Soot Inhibits Rainfall

Three Contributing Factors for Rainfall Inhibition - Dust is only one of three types of aerosols which can inhibit rainfall. Previous studies have shown that aerosols from biomass burning (i.e. burning of plant material such as forests, grasslands, and agricultural waste) and aerosols from man-made pollution also contribute to disturbing the rainfall process. This animation highlights the power of these three factors vs. the normal conditions of the rainfall

process. In this virtual world, a dust storm rises from arid conditions. Biomass burning sends smoke and an industrial complex adds pollutants into clouds and the atmosphere, thus preventing any rainfall. The cloud on the left shows rainfall production in normal conditions.



This is the standard definition version of the Dust, Soot, Fire Inhibits Rainfall Animation.
Duration: 18.0 seconds
Available formats:
 320x240 (30 fps) MPEG-1 2 MB
 160x80 JPEG 51 KB
 80x40 JPEG 15 KB
 320x240 JPEG 12 KB
 320x240 (30 fps) X-FLV 682 KB
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