

Weather

Clouds

Early morning fog



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Beach Fog



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Stratus Clouds



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Altostratus and Stratus Clouds



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Cumulus Cloud



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Cumulus Clouds



Bob Williams, Courtesy of NOAA, Image Source: [Earth Science World Image Bank](#)

Cumulus Clouds in Rows



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Tops of Cumulus Clouds



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Cumulonimbus Clouds



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Stratocumulus Clouds



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Stratocumulus Clouds



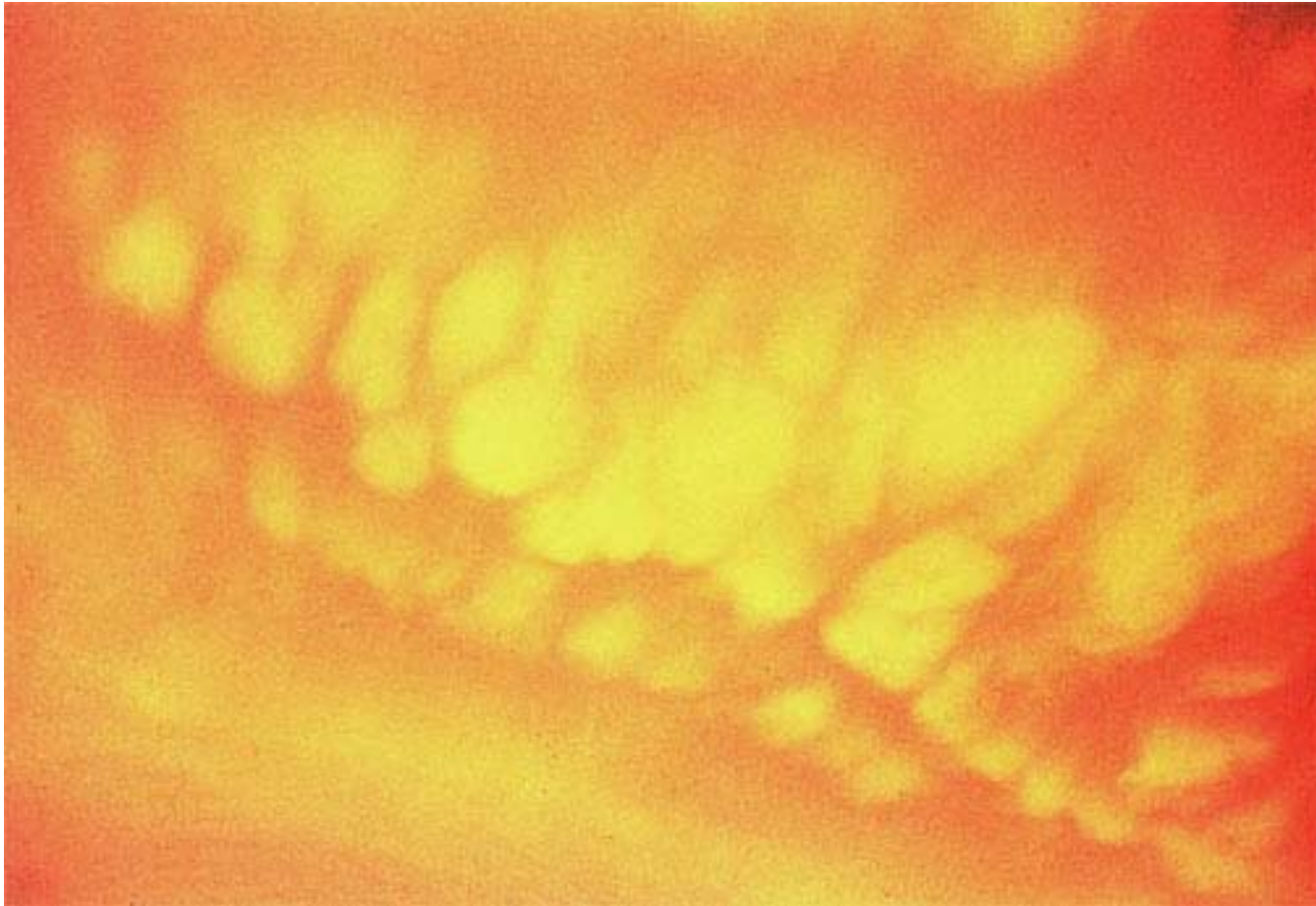
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Alto cumuluous Clouds



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Globular Mammatus Clouds



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Lenticular Cloud



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Orographic Clouds



© John Ballard, Image Source: [Earth Science World Image Bank](#)

Cirrus Clouds



Ralph F. Kresge, Courtesy of NOAA, Image Source: [Earth Science World Image Bank](#)

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Clouds

Early morning fog



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Early morning fog on a lake. Fog is simply a cloud that is close to the ground. Like other clouds it is composed of water droplets too small to fall of their own weight, so they remain suspended in the air.

Beach Fog



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Pismo Beach fog.

Stratus Clouds



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Stratus clouds over Seattle. This layer implies stable air conditions in this area, without convection or turbulence that tend to mix the air in the lower atmosphere much of the time.

Altostratus and Stratus Clouds



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Gulf of Alaska sunrise with altostratus and stratus.

Cumulus Cloud



© Michael Collier, Image Source: [Earth Science World Image Bank](#)

These stratocumulus clouds over Monument Valley in Arizona indicate a stable air mass.

Flat bases of clouds mark condensation level - the altitude at which rising air reaches the dew point. The air is rising due to convection currents from solar radiation and re-radiation from the ground. Un-heating like this of the lower atmosphere creates convection currents.

Cumulus Clouds



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Cumulus clouds over a plain.

Large cumulus clouds mark rising currents associated with convection. These clouds rise until they run out of heat energy or evaporate. In the foreground is broken stratus clouds, suggesting moderate horizontal flow in the foreground, and vigorous vertical flow in the background.

Cumulus Clouds



© Michael Collier, Image Source: [Earth Science World Image Bank](#)

Red sunset lights this towering cumulus cloud over the Hart Prairie Preserve on the slopes of the San Francisco Peaks.

Cumulus Clouds



Bob Williams, Courtesy of NOAA, Image Source: [Earth Science World Image Bank](#)

Cumulus clouds and sun rays shining through.

Cumulus Clouds in Rows



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Rows of cumulus clouds.

Tops of Cumulus Clouds



© Marcus Milling, American Geological Institute, Image Source: [Earth Science World Image Bank](#)

Tops of cumulus clouds.

Cumulonimbus Clouds



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Cumulonimbus clouds.

Cumulonimbus Clouds



Courtesy of NOAA, Image Source: [Earth Science World Image Bank](#)

Cumulonimbus thunderstorms in their early stage of development.

Cumulonimbus Clouds



© Bruce Molnia, Terra Photographics, Image Source: [Earth Science World Image Bank](#)

Cumulonimbus clouds.

Stratocumulus Clouds



© Michael Collier, Image Source: [Earth Science World Image Bank](#)

These stratocumulus clouds over Monument Valley in Arizona indicate a stable air mass.

Stratocumulus Clouds



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Stratocumulus clouds over Idaho.

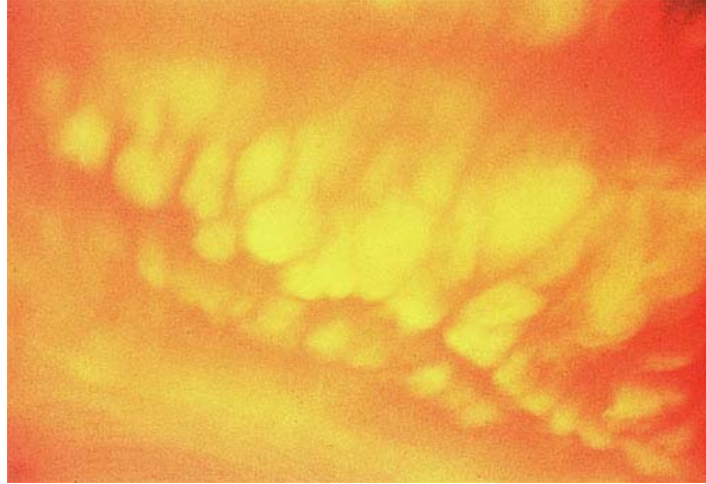
AltoCumulous Clouds



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AltoCumulous cloud cover over the Gulf of Alaska.

Globular Mammatus Clouds



Courtesy of NOAA, Image Source: [Earth Science World Image Bank](#)

Globular mammatus clouds associated with thunderstorms, taken in 1970.

Lenticular Cloud



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Lenticular cloud over hills.

Orographic Clouds



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Orographic clouds in Wyoming. Orographic refers to clouds caused by the physical geography of an area. In this case most likely mountains.

Cirrus Clouds



Ralph F. Kresge, Courtesy of NOAA, Image Source: [Earth Science World Image Bank](#)

Cirrus clouds.