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Atmospheric Visualization Collection: Glossary

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<http://education.arm.gov/nsdl/Library/glossary.shtml>

This page contains a glossary of terms commonly used in this collection, publications authored by collection members, scheduled meetings, and documentation on uses of the Atmospheric Visualization Collection. [Full description.](#)

Grade level: Middle (6-8), High (9-12), College (13-14), College (15-16), Graduate / Professional
Resource type: Glossary, Ref. material, Journal article, Abstract / Summary, Proceedings, Report
Subject: Atmospheric science, Climatology

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Cloud Types

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[http://ww2010.atmos.uiuc.edu/\(Gh\)/guides/mtr/cld/cldtyp/home.rxml](http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/cld/cldtyp/home.rxml)

This tutorial explains common cloud classifications and the Latin root words that have been adapted to create the various names of clouds. The classification is subdivided into high-, low-, and mid-level types, clouds with vertical development, and other, less common types. Each description is accompanied by an example photograph. [Full description.](#)

Grade level: Intermediate (3-5), Middle (6-8), High (9-12), College (13-14)
Resource type: Photograph, Ref. material
Subject: Atmospheric science

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Cloudman's Mini Cloud Atlas

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<http://www.cloudman.com/atlas.htm>

This atlas provides descriptions and photographs of the twelve basic cloud types. Information presented here includes the name and cloud family of each type, its altitude range, and a brief description of its appearance. Links to additional information are also provided. [Full description.](#)

Grade level: Intermediate (3-5), Middle (6-8), High (9-12)
Resource type: Photograph, Ref. material
Subject: Atmospheric science

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Cloud Types

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http://www.windows2universe.org/earth/Atmosphere/clouds/cloud_types.html&edu...

This table provides a quick reference to cloud types. Clouds are divided into groups mainly based on the height of the cloud's base above the Earth's surface. The table further divides the types according to group, atmospheric layer, and base height. Links to additional information are embedded in the text, and users can select beginner, intermediate, or advanced levels of difficulty. A Spanish translation ... [Full description.](#)

Grade level: Intermediate (3-5), Middle (6-8), High (9-12)
Resource type: Ref. material
Subject: Atmospheric science

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Understanding Clouds and Fog

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<http://www.usatoday.com/weather/wcloud0.htm>

This reference provides basic information about types of clouds and fog. Topics include cloud locations, names of basic cloud types, different kinds of fog, and where fog is likely to form. A set of links is provided to additional information and related topics. [Full description.](#)

Grade level: Primary (K-2), Intermediate (3-5), Middle (6-8), High (9-12)
Resource type: Photograph, Ref. material
Subject: Atmospheric science

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Weather and Climate

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<http://www.mrsciguy.com/weather.html>

This unit introduces younger students to the concepts of weather and climate. Topics include the structure of the atmosphere, the definitions of weather and climate, and temperature and how it is measured. There are also discussions of heat transfers (radiation, conduction, convection), air pressure, wind, and the Coriolis effect. Other topics include types of storms, larger-scale weather systems ... [Full description](#).

Grade level: Intermediate (3-5), Middle (6-8)

Resource type: Module / Unit, Illustration - scientific, Photograph

Subject: Atmospheric science, Climatology

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MetLinkInternational

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<http://metlink.org/index.php>

The essence of this internet-based project is that participants make and exchange weather observations once a day for two weeks and, with the help and guidance of meteorological professionals, analyze and interpret the observations. They record details such as cloud cover, pressure, rainfall, relative humidity, temperature, wind speed, wind direction, and a general description of the weather. Around ... [Full description](#).

Grade level: Primary (K-2), Intermediate (3-5), Middle (6-8), High (9-12)

Resource type: Project, Map, Photograph, Visualization - scientific, In-situ dataset

Subject: Atmospheric science

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