

FOSS Trees and Weather Module

Glossary

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adopt to take on or assume (IG)

air a mixture of gases that we breathe (IG)

bark the tough outer covering of the stems and roots of trees, shrubs, and other woody plants (IG)

blossom a time of development or flowering (IG)

blowing a description of moving air or wind (IG)

branch a part of a tree that grows from the stem (SRB, IG)

bud a new growth or swelling on a plant (IG)

calendar a record of the days of the year (IG)

circumference the distance around a circle (IG)

cloud a group of very small water drops in the sky (SRB, IG)

cold having a low temperature (IG)

color the pigment or hue of an object (IG)

compare to look at how things are the same and different (IG)

cone a reproductive structure of plants such as conifers (IG)

conifer a needle-leaved or scale-leaved cone-bearing trees or shrubs such as pines, spruces, and firs (IG)

cool to make something colder (IG)

desert a hot and dry area (SRB, IG)

different unlike; not the same (IG)

direction the course or line along which something moves, faces, lies or points (IG)

edge a rim, border, or dividing line (IG)

evergreen a tree, shrub, or plant having foliage that persists and remains green throughout the year (IG)

fall the time of year between summer and winter when the leaves change color and begin to drop from the trees; also called autumn (IG)

flower a part of a plant that has petals (SRB, IG)

food anything that organisms eat that provides energy and allows them to grow (IG)

forcing the pushing or pulling that makes something happen (IG)

freezing changing a liquid to a solid by cooling it (IG)

fruit where seeds grow in a plant (SRB, IG)

growth ring an annual formation of wood in plants as they grow (IG)

hardwood trees often having a trunk that divides into several major branches, resulting in a tree that looks wider and more rounded. The leaves on hardwoods are thin, broad, and flat. (IG)

heart the core of a plant, fruit, or vegetable (IG)

hot having a high temperature (IG)

leaf a part of a tree or plant that grows from a stem or branch (SRB, IG)

leaf scar the mark left on a twig after a leaf falls (IG)

line a thin, straight mark (IG)

living alive (SRB, IG)

lobed having a rounded projection, especially of a body part (IG)

longer used to describe an object that has a greater length than another object (IG)

monitor an individual tasked with recording weather observations on the class calendar for a specific day (IG)

Moon the object we see in the sky during the night and sometimes during the day (SRB)

mountain a high and rocky landform (SRB, IG)

moving air wind (IG)

narrower used to describe an object that has a smaller width than another object (IG)

needle a narrow stiff leaf, as those of conifers (IG)

observe to use the senses (IG)

ocean a large body of water (SRB, IG)

outline a line marking the outer boundaries of an object or shape (IG)

oval resembling an egg shape; elliptical (IG)

overcast when the sky is gray and cloudy, but it is not raining or snowing (IG)

paddle a usually wooden object with flat blade at one end or sometimes at both ends, used to propel a canoe or small boat (IG)

partly cloudy when it is sunny outside but there are lots of clouds in the sky (IG)

pattern a design; something used as a model for making things (IG)

plant a living thing that has roots, stems, and leaves and makes its own food. Trees are the biggest plants in the world (IG)

pointed when two lines come together to form a sharp end (IG)

property something you can observe about an object or material. Size, color, shape, texture, and smell are properties. (IG)

rain gauge a weather tool used to measure rain (SRB)

rainy when the weather is cloudy and it's raining or drizzling outdoors (IG)

river a body of water that flows into lakes and the ocean (SRB, IG)

root a part of a plant that grows in the ground (SRB, IG)

rough bumpy; not smooth (IG)

rounded circular in shape (IG)

rubbing a representation of a raised or indented surface made by placing paper over the surface and rubbing the paper gently with a marking agent such as charcoal or chalk (IG)

scale a small, thin, usually dry plant structure, such as any of the protective leaves that cover a tree bud or cone (IG)

season one of four times of year that has different weather. Winter, spring, summer, and fall are seasons. (SRB, IG)

seed a part of a plant from which a new plant can grow (SRB, IG)

shape the appearance or form of an object (IG)

shorter used to describe an object that has a smaller length than another object (IG)

silhouette the outline of a figure or object filled in with black or another solid color; a dark outline seen against a lighter background (IG)

similar having the same property; alike (IG)

size how big or small something is (IG)

smooth flat, level; not rough (IG)

snowy weather when it's cloudy and snow is falling (IG)

spear a shape like an oval, but with pointed ends (IG)

spring the season of the year, occurring between winter and summer, during which the weather becomes warmer and plants revive (IG)

star a tiny point of bright light we see in the night sky (SRB)

stem a part of a plant that grows up from the roots (SRB, IG)

streamer paper material that when put in the wind shows the direction it is blowing (IG)

summer the warmest season of the year, occurring between spring and autumn (IG)

Sun a star we see in the sky during the day that warms the land, air, and water (SRB)

sunny when the weather is bright with few or no clouds (IG)

swamp a wet area where trees grow (SRB, IG)

swollen to increase in size due to internal pressure; to bulge out (IG)

temperature a description of how hot or cold something is (IG)

texture the way something feels (IG)

thermometer a weather tool used to measure temperature (SRB, IG)

tip the uppermost point; the top (IG)

toothed having a sawlike edge with regularly spaced zigzag points (IG)

tree a plant with a woody stem, roots, and branches with leaves (SRB, IG)

triangle a three-sided shape (IG)

trunk the main stem of a tree from which braches grow (IG)

twig a small, leafless branch of a woody plant (IG)

valley the low land between mountains (SRB, IG)

warm to make something warmer (IG)

weather the condition of the air outdoors (SRB, IG)

weather instrument a tool that helps measure weather (IG)

wider used to describe an object that has a greater width than another object (IG)

wind moving air (IG)

wind sock a weather tool used to measure wind direction (SRB, IG)

winter the coldest season of the year, occurring between autumn and spring (IG)