

Weather

Acid Rain

026606 VH
MJS 30 min CA 1993 Schlessinger Video Productions
Earth at Risk Environmental Video Series - Closed-captioned. Covers the origins and effects of acid rain. Includes students testing and repairing outdoor statues damaged by acid rain in Philadelphia.

Air Pollution; Environment; Weather; Ecology

Acid Rain: The Choice Is Yours

022431 VH
MJS 20 min 1988 Films for the Humanities
Provides chemical definitions, illustrates geological and meteorological interactions, and traces the sources of acid precipitation. It also demonstrates ecological concepts, and suggests possible solutions.

Weather; Environment; Ecology

Air

024489 VH
I 25 min CA 2000 Lucerne Media
Wonder Why Series - Closed-captioned. Explains how air effects weather and shows how to make a simple barometer.

Weather; Air; Photosynthesis

Air Aware

594432 VH
IMJ 30 min 2004 Weather Channel
Forecast Earth Series - This program explores air quality, ground-level ozone, and how air quality can be improved. Teacher's guide.

Air; Air Pollution; Weather

All About Climate and Seasons

593137 VH
P 23 min CA 2000 Library Video Company
Weather for Children Series - Closed-captioned. Explains why seasons change and why climates vary around the world. Demonstrates concepts with experiments. Teacher's guide.

Climate; Seasons; Weather

All About Meteorology

593139 VH
P 23 min CA 2000 Library Video Company
Weather for Children Series - Closed-captioned. Demonstrates how weather forecasters can predict the weather using scientific education and high-tech equipment. Shows how to make a mini-weather station. Teacher's guide.

Meteorology; Weather

All About Rain, Snow, Sleet, and Hail

593138 VH
P 23 min CA 2000 Library Video Company
Weather for Children Series - Closed-captioned. Learn how water changes into these forms of precipitation. Experiments demonstrate air movement, measuring rainfall, and forecasting. Teacher's guide.

Rain and Rainfall; Weather; Snow; Precipitation (Meteorology)

All About Wind and Clouds

593140 VH, DV
P 23 min CA 2000 Library Video Company
Weather for Children Series - Closed-captioned. Shows the types of clouds and how wind affects them. Demonstrates measuring wind speed and direction. DVD Contains: 1 Disc with Spanish Language Track, Discussion Question and Activities, Investigation Data Sheet, and Chapter Select. Both DVD and VHS contain in-case teacher's guide.

Wind; Weather; Clouds

An Alphabet of Weather

594532 VH
NP 10 min 1991 Phoenix Learning Group
Rhyming script, photography of weather phenomena, and a colorful drawing accompany each letter of the alphabet. Teaches both the alphabet and facts about weather. Teacher's guide jacket.

Weather; Alphabet

Animals in Winter

020989 VH
PI 11 min 1950 Encyclopedia Britannica
Provides an opportunity to study various wild animals as they prepare for and live through the winter season. Portrays a badger, woodchuck, chipmunk, caterpillar, owl, rabbit, blue jay, porcupine, bobcat, and fox in natural settings.

Animal Behavior; Life Cycle; Weather; Ecology; Winter

Assignment Discovery Series

For descriptions see individual titles:
Raging Planet: Hurricane [025984]
Raging Planet: Lightning [025985]
Raging Planet: Tornado [025987]

The Atmosphere

591520 VH, OF
IMJS 30 min CA 2002 Weather Channel
Weather Classroom Series - Closed-captioned. This episode explores such atmospheric phenomena as trade winds, warm and cold fronts, jet streams, and the seasons.

Earth Science; Atmosphere; Seasons; Weather

Atmosphere, Climate, and Weather

596025 DV
MJS 26 min CA 2006 Films Media Group
Cambridge Core Science: GeoBasics Series - Closed-captioned. Looks at how conditions combine to create climate and weather. Includes the Koppen Climate Classification System, weather prediction, types of clouds and precipitation, storm types, weather patterns, and more. Contains: 1 Disc and Teacher's guide.

Climate; Weather

Atmospheric Pressure and Solar Energy

596840 DV
IMJ 10 min CA 2007 New Dimension Media
Climate Regions & Weathers of the World Series - Closed-captioned. Our atmosphere has several layers, each with its own properties. The atmospheric pressure and the sun's energy drive the process of weather, determine the climate, and make life on Earth possible. Industrial activity and greenhouse gases seem to be disturbing this delicate balance. Contains: 1 Disc and Jacket Teacher's guide.

Atmosphere; Weather; Earth Science; Climate

Bill Nye the Science Guy Series

For descriptions see individual titles:
Earth's Seasons/Climates [024456]
Storms [591006]
Waves/Wind [024458]

Bringing the Rain to Kapiti Plain

020309 VH
P 29 min CA 1983 Lancit Media Productions
Reading Rainbow Series - Closed-captioned. A cumulative rhyme relating how Ki-pat brought rain to the drought-stricken Kapiti Plain.

Books and Reading; Rhyme; Droughts; Africa - Fiction; Meteorology

Cambridge Core Science: GeoBasics Series

For descriptions see individual titles:
Atmosphere, Climate, and Weather [596025]

Careers in Meteorology

061096 VH, OF
IMJS 30 min 2001 Weather Classroom
Weather Classroom Series - Featuring guest meteorologists who explain how they got started, this episode examines the variety of career paths for students interested in meteorology and looks at the future of the field.

Technology; Careers; Precipitation (Meteorology); Meteorology

Weather

Children of the Storm

595850 VH
IJS 30 min 2006 Nickelodeon
Nick News: Special Edition Series - Tells the story of Hurricane Katrina through the words of the kids of New Orleans.

Hurricanes; Disasters; Survival

Climate

591698 VH
PIMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. Some of the issues addressed in this program are the Greenhouse Effect, Global Warming, El Nino, and La Nina. Teacher's guide with blackline masters.

Climate; Weather

Climate and Seasons

026020 VH
IMJ 23 min CA 1998 Schlessinger Video Productions
Weather Fundamentals Series - Closed-captioned. Looks at the wide range of climates around the world and examines how factors like sun, wind, temperature, precipitation, and position of the Earth determines the weather. Includes effects of El Nino. Teacher's guide.

Seasons; Weather; Climate

Climate and Weathers of the World Series

For descriptions see individual titles:
Coastal and Mediterranean Climates [596304]

Desert and Bush Climates [596305]
Equatorial and Savannah Climates [596306]

Mountains and Steppe Climates [596307]

Oceanic and Island Climates [596308]

Polar and Subpolar Climates [596309]

Temperate and Continental Climates [596310]

The Water Cycle and Cloud Formation [596311]

The Climate Puzzle

022920 VH
IMJS 30 min 1993 Weather Channel
Offers an understanding of how scientists find out about Earth's climate of the past. Also discusses dinosaurs.

Weather; Dinosaurs; Greenhouse Effect; Meteorology; Climate

Climate Regions & Weathers of the World Series

For descriptions see individual titles:
Atmospheric Pressure and Solar Energy [596840]

The Seasons and the Monsoon [596837]

Storms, Cyclones, and Hurricanes [596836]

Winds and Weather Forecasting [596838]

Climate, Water, and Living Patterns

591142 VH
IMJ 24 min 2001 Rainbow Educational Video
Geography Basics Series - The world's six primary climate regions are a product of latitude, altitude, topography, bodies of water and global wind patterns. Explores the role of water and climate in the study of geography. Teacher's guide with blackline masters.

Weather; Climate

Clouds

026023 VH
IMJ 23 min CA 1998 Schlessinger Video Productions
Weather Fundamentals Series - Closed-captioned. Learn what clouds reveal about the weather, how they form, the role they play in weather and the water cycle, and how meteorologists use clouds to determine the forecast. Includes experiments. Teacher's guide.

Meteorology; Clouds

Clouds

023509 VH
P 8 min 1993 Troll Associates
First Time Science Series - What are clouds made of? What kinds of clouds are there, and what can they tell us?

Clouds; Weather

Clouds: Nature's Sprinklers

027175 VH
P 13 min 2000 Storyline Pictures
Naturally Nature Series - Young children find clouds are fun to look at and also provide moisture needed by the world below. Instructional guide.

Water Cycle; Clouds

Coastal and Mediterranean Climates

596304 DV
PIM 10 min 2007 New Dimension Media
Climate and Weathers of the World Series - Explains the distinguishing features of coastal and Mediterranean climates. Shows how uneven heating of the ocean and land accounts for the wind and humidity. Highlights the unique culture that has developed in these areas. Contains: 1 Disc and Teacher's guide jacket.

Weather; Coastal Ecology; Climate

Cold Weather

593612 VH
P 15 min 2000 Landmark Media
Weather for the Juniors Series - Examines adaptations by people, plants, and animals to cold weather. Includes reading a thermometer, favorite cold weather foods, and changing life cycles of trees from green growth through autumn leaves and bare branches. Teacher's guide jacket.

Climate; Weather; Winter; Cold

Come a Tide

041454 KT
PI CA 1997 GPN Educational Media
Reading Rainbow Series - Closed-captioned. Feature book tells the story of one family's adventure during a spring flood. Curriculum guide includes dozens of activities and reproducibles in 5 curriculum areas, students can continue to explore weather with these activities and support materials in the kit. Contains: 1 Book: COME A TIDE/by George Ella Lyon; 1 Video cassette (30:00); 1 Curriculum guide; 1 Flashlight; 1 Thermometer; 2 Red Cross pamphlets; in 1 Duffle Bag.

Weather; Storms; Floods; Reading

Come a Tide

022821 VH, DV
P 30 min CA 1993 Lancit Media Productions
Reading Rainbow Series - Closed-captioned. A family has problems during a spring tide. A news reporter looks at dramatic weather, including Hurricane Hugo. Hosted by LeVar Burton. Author: George Ella Lyon. Teacher's guide. DVD Contains: 1 Disc.

Storms; Weather; Disasters

ConceptLinks Series

For descriptions see individual titles:
Weather Module [597170]

Day of the Killer Tornadoes

020827 VH
MJS 27 min 1981 National Geographic Society
Documents the series of tornadoes which struck the South and Midwest sections of the United States in April 1974. Includes footage of the tornadoes in Xenia and Cincinnati, Ohio, and in Louisville, Ky.

Weather; Tornadoes

Weather

Desert and Bush Climates

596305 DV
PIM 10 min 2007 New Dimension Media

Climate and Weathers of the World Series - Explores the distinguishing features of deserts, both tropical and semi-tropical. Highlights ways people, plants, and animals have adapted. Includes the Sahara and the Australian bush. Contains: 1 Disc and Teacher's guide jacket.

Deserts; Climate; Weather; Desert Ecology

Do Other Planets Have Weather?

596977 DV
PIM 28 min 2008 Landmark Media
Head's Up Series - Learn about the extreme weather found on other planets in our solar system, including huge storms, high winds, and lightning bolts bigger than the United States. Contains: 1 Disc.

Weather; Solar System; Astronomy; Planets

Dress for the Weather (Second Edition)

025930 VH
P 13 min 1999 Alfred Higgins Productions
Live action. A jacket and sweater are joined by a cast of other clothes and explain to David and Wendy what to wear in different kinds of weather and why. Teacher's guide jacket.

Clothing and Dress; Weather; Children's Clothing; Health Education

Drip Drop

026476 VH
P 8 min CA 1988 Troll Associates
First Time Read Along Series - Captioned. When the rain comes down, it's fun to go outside, but only Molly knows the secret of staying dry. (Song at the end is not captioned but words appear on screen). Vocabulary lesson included.

Weather - Fiction; Clothing and Dress

Driving in Bad Weather

023658 VH
SA 9 min 1994 AAA Foundation for Traffic Safety
Uses the setting of a television newscast to dramatize the blinding effects of fog, dust, smoke, rain, snow, and ice. Stresses the need to slow down to maintain control or get off the road safely in adverse weather conditions.

Traffic Safety; Driving; Weather; Driver Education

Dry Weather

593611 VH
P 15 min 2000 Landmark Media
Weather for the Juniors Series - Children around the world look at what makes a day dry. Includes consequences of extended dry weather, animal and plant adaptations, and water conservation. Teacher's guide jacket.

Climate; Weather; Droughts

Dynamic Earth

025981 VH
PI 52 min 1997 Discovery Communications
Learning Channel Elementary Series - Four segments introduce the power of nature: Tidal Wave, Hurricane, Tornado, and Lightning. Teacher's guide.

Weather; Storms

Early Warning

594221 VH, OF
MJS 30 min 2004 Weather Channel
Forecast Earth Series - A look at how the National Severe Storms Laboratory, Storm Prediction Center, and National Weather Service work together to develop early-warning technology.

Storms; Earth Science

Earth at Risk Environmental Video Series

For descriptions see individual titles:
Acid Rain [026606]

Earth Kit

041310 KT
IMJ 1996 Dorling Kindersley Education
Eyewitness Series - Projects contained in this kit let students examine our planet Earth, its position in the solar system and universe, and the implications of human actions that continually transform the Earth's surface. Contents: 4 copies each of VOLCANO AND EARTHQUAKE/by Susanna Van Rose - Photos and text explain the causes and effects of volcanoes and earthquakes and examine specific occurrences throughout history; THE EARTH AND HOW IT WORKS/by Steve Parker - Photos and text explore Earth's beginnings with fossils, landscape, space exploration, and more; WEATHER/by Brian Cosgrove - Photographs and text depict different aspects of weather and how it is forecast; SPACE/by Sue Becklake - Photographs and text explore the wonders of space, space exploration, planets, satellites, and maps; ROCKS AND MINERALS/by Dr. R.F. Symes - Photographs and text examine the creation, importance, erosion, mining, and uses of rocks and minerals; 1 Wall Chart; 1 Project Planner with 16 cards; 1 Help cards packet with 8 Help Cards; 1 Teacher's Book.

Earth; Planets; Climate; Weather; Energy

Earth Science Series

For descriptions see individual titles:
Precipitation and Prevailing Winds [026107]

Earth's Seasons/Climates

024456 VH, DM
I 52 min 1994 Disney Educational Productions
Bill Nye the Science Guy Series - Uses comedy, interviews with scientists, and hands-on experiments to look at the earth's climate, seasons, and weather. Teacher's guide.

Weather; Seasons; Meteorology; Climate

Equatorial and Savannah Climates

596306 DV
PIM 10 min 2007 New Dimension Media
Climate and Weathers of the World Series - Compares the hot, humid climate of the rain forest with the hot and dry seasons on the savannah. Includes the plants, animals, and people that inhabit these regions along the equator. Contains: 1 Disc and Teacher's guide jacket.

Climate; Weather; Rain Forest Ecology; Ecology

Extremes in the Water Cycle

025274 VH
IMJS 30 min 1997 Weather Channel
Weather Classroom Series - Three segments 10 minutes each. 1) Flash Floods; 2) River Floods; and 3) Drought. Each section defines the term, tells why they happen, and why they are dangerous. Includes experiments to demonstrate flash floods, river floods, and water conservation.

Water Cycle; Floods; Weather

The Eyes of Nye Series

For descriptions see individual titles:
Global Climate Change: Earth's Atmosphere Heats Up [595423]

Eyewitness Series

For descriptions see individual titles:
Earth Kit [041310]

A First Look Series

For descriptions see individual titles:
Weather: A First Look [026862]

First Time Read Along Series

For descriptions see individual titles:
Drip Drop [026476]

First Time Science Series

For descriptions see individual titles:
Clouds [023509]
What Makes the Weather [023520]

Weather

Forecast Earth Series

For descriptions see individual titles:

Air Aware [594432]
Early Warning [594221]
High Tide [594657]
A Planet in Change [594431]
Road Risk [594612]

Forecasting and Weather Instruments

591699 VH
PIMJ 15 min CA 2001 United Learning

Weather Smart Series - Closed-captioned. The weather forecast that we often take for granted involves observation, research, mathematics, and the use of weather tools and instruments. Teacher's guide with blackline masters.

Meteorology; Weather

Forecasting the Weather

025387 VH
IMJS 30 min 1997 Weather Channel
Weather Classroom Series - Three segments: 1) Forecasting - then and now; 2) 20th Century Forecasting; 3) Behind the scenes at the weather channel - experiments, make a weathervane, and how to give a weather broadcast. Teacher's guide.

Meteorology; Weather

Fourways Farm Series

For descriptions see individual titles:
Gauging the Weather - Concept:
Weather [027074]

Fujita: A Life in the Storm

591975 VH, OF
IMJS 30 min CA 2002 Weather Channel
Weather Classroom Series - Closed-captioned. This episode profiles Dr. Tetsuya Fujita, who spent a lifetime in pursuit of the world's most violent winds and created the F-scale system of classifying tornadoes. His unique understanding of spectacular forces inside hurricanes, typhoons, and tornadoes helps keep us safe in our homes, schools, and airplanes.

Environment; Weather; Physics;
Earth Science

Gauging the Weather - Concept: Weather

027074 VH
NP 10 min 1996 Case Television
Fourways Farm Series - Animated. Children can develop an understanding of the variability of weather and rain; measuring and recording evidence; and recognition of inaccurate or rigged results. Teacher's guide.

Weather

Geography Basics Series

For descriptions see individual titles:
Climate, Water, and Living Patterns
[591142]

Global Climate Change: Earth's Atmosphere Heats Up

595423 DV, DM
S 23 min CA 2005 Disney Educational Productions
The Eyes of Nye Series - Closed-captioned. Bill Nye hears from leading experts and evaluates controversial issues surrounding global climate change. Looks at possible causes and how scientists measure climate change. Contains: 1 Disc.

Weather; Global Warming; Climate

Great Weather Catastrophes

023098 VH
PIMJ 30 min 1993 Weather Channel
Explores the causes, the effects, preparedness, plus human and economic relations to catastrophic weather events.

Meteorology; Environment; Weather

Head's Up II Series

For descriptions see individual titles:
Why Do Tornadoes Do So Much
Damage? [597578]

Head's Up Series

For descriptions see individual titles:
Do Other Planets Have Weather?
[596977]

Heat, Wind, and Pressure

591700 VH
PIMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. Highlights the sun as the source of energy for Earth and our atmosphere. Students gain knowledge of the inseparable link between heat, wind, and pressure, and how they keep the Earth's temperature balanced. Teacher's guide with blackline masters.

Meteorology; Weather; Wind

Hello and Goodbye Mr. Winter

024306 VH
P 9 min NNAR 2000 Pied Piper
Non-narrated. Depicts the arrival of winter, showing the ways in which people and animals settle down to enjoy the season. As the months change, flowers bloom, snow melts, and spring arrives.

Weather; Winter; Seasons

High Tide

594657 VH
IMJ 30 min CA 2005 Weather Channel
Forecast Earth Series - Explores the ocean's tide patterns and how NOAA has been monitoring tides for the past 150 years.

Weather; Meteorology; Science;
Tides

Homeless Woodpeckers

IMJS 15 min CA 1991
Scientific American Frontiers Series - Closed-captioned. Covers the efforts of biologists to save hurricane-stricken woodpeckers by building nests for the homeless birds.

Hurricanes; Birds; Woodpeckers

Hot Weather

593610 VH
P 15 min 2000 Landmark Media
Weather for the Juniors Series - Examines how hot weather makes us feel and how our bodies react to it. Includes hot weather activities, safety tips, and how the sun is a useful energy source. Teacher's guide jacket.

Heat; Climate; Weather; Summer

Hunt for the Super Twister

594898 DV
IMJS 60 min CA 2005 WGBH - Nova Videos
Nova Series - Closed-captioned. A NOVA camera team chases across the Midwest, capturing hair-raising footage of highly destructive twisters in action. Teacher's guide. Contains: 1 Disc and Teacher's guide.

Tornadoes; Weather; Storms

Hurricane!

024110 VH
IMJS 60 min CA 1989 WGBH/BBC
Nova: Adventure in Science Series - Closed-captioned. Presents footage of a date-gathering flight into the eye of Hurricane Gilbert in September, 1988. Offers first-hand accounts of Hurricane Camille, the most devastating storm to strike the United States.

Hurricanes; Weather; Storms

Hurricane Tracker Map

590743 KT
IMJS 2001 Delta Education Inc
A collection of materials for tracking the movement, growth, and shape of hurricanes. Contents: 1 Teacher's guide; 1 Wall map; 1 Floppy disc with Tropical Storm Joyce; 3 Easel markers; 1 Transparency.

Hurricanes; Weather

Hurricanes

595830 DV
IMJ 19 min CA 2006 Film Ideas Inc
Natural Disaster or Natural Phenomena Series - Closed-captioned. Explores the characteristics, causes, and effects of the large storms called hurricanes. Includes naming, categorizing, safety tips, and more. Principal elements are divided into chaptered segments. Chaptered divisions. Contains: 1 Disc.

Weather; Disasters; Hurricanes

Weather

Hurricanes

591701 VH
PIMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. Covers the importance of mathematics in plotting and measuring hurricanes. Particular attention is given to hurricane safety. Students learn what causes hurricanes, why they have names, do they really have eyes, and where they are most likely to happen. Teacher's guide with blackline masters.

Storms; Weather; Hurricanes

Hurricanes

591134 VH, OF
I 23 min CA 2002 Weather Channel
Weather Classroom Series - This episode flies with hurricane hunters to study the basic ingredients of a hurricane, uses satellite images to track hurricanes, and talks with people who have seen the destructive force of hurricanes firsthand. Teacher's guide.

Technology; Weather; Hurricanes

Hurricanes

025273 VH
IMJS 23 min 1997 Weather Channel
Weather Classroom Series - Three segments. Covers the nature of hurricanes, how they are measured, named and tracked, and some unforgettable ones. Includes an experiment to demonstrate storm surge. Teacher's guide.

Weather; Hurricanes; Storms

Hurricanes and Tornadoes

026024 VH
IMJ 23 min CA 1998 Schlessinger Video Productions
Weather Fundamentals Series - Closed-captioned. Study these destructive forces, their formation, tracking, and how we gather data. Teacher's guide.

Hurricanes; Tornadoes; Weather

Hurricanes, Storms, and Weather

597781 KT
PI 2006 Learning Connection
A collection of books and resources to enhance the study of stormy weather. 6 Books: CAT IN THE HAT: OH SAY CAN YOU SAY WHAT'S THE WEATHER TODAY/by Tish Rabe - In rhyming text, the Cat teaches Sally and Dick about different weather conditions; MAGIC TREE HOUSE RESEARCH GUIDE: TWISTERS AND OTHER TERRIBLE STORMS/by Will Osborne and Mary Pope - Describes the changing nature of weather and how meteorologists predict and study such storms as tornadoes, hurricanes, and blizzards; SUPER STORMS/by Seymour Simon - Examines superstorms and their potential destructiveness, including thunderstorms, hailstone showers, tornadoes, hurricanes, and typhoons; TIME FOR KIDS: STORMS/by Leslie

Dickstein - What causes thunder, see the eye of a hurricane, get caught up in a tornado, and discover more than twenty-five facts about storms. Uses photographs with picture dictionary to build vocabulary skills; THE MAGIC SCHOOL BUS INSIDE A HURRICANE/by Joanna Cole and Bruce Degen - Ms. Frizzle takes the kids through a hurricane on their field trip to a weather station; HURRICANES HAVE EYES BUT CAN'T SEE/by Melvin and Gilda Berger - Discusses hurricanes, tornadoes, blizzards, ice storms, dust storms, and more. Many examples of "wild weather" such as a tornado off the coast of England that sucked up hundreds of crabs from the water. When the storm slowed down, it rained crabs; HURRICANE/by David Weisner - The morning after a hurricane, two brothers find an uprooted tree which becomes a magical place, transporting them on adventures limited only by their imaginations; 1 Box of cards contains (instructions for several games, 11 Challenge cards, 48 Wild Weather cards); 1 Weather Workstation kit contains (stand with anemometer, rain gauge, weather vane, weather tracker card, cloud chart poster, and book about weather: RAIN OR SHINE/by Jan Bloom - Use with workstation to teach students everything from clouds to cold fronts, tornadoes to temperature); 1 Teacher's guide; in blue/red/yellow portfolio bag.

Dickstein, Leslie; Simon, Seymour; Weather; Cole, Joanna; Storms; Osborne, Will; Rabe, Tish; Wiesner, David; Osborne, Mary Pope; Degen, Bruce

Hurricanes, Tornadoes, and Other Weather

025955 VH
MJS 15 min 1998 Maslowski Wildlife Productions
Natural Phenomena Series - Explores how and why these events occur and shows footage of the destruction they can cause.

Storms; Weather; Tornadoes; Hurricanes

Hurricanes, Tornadoes, and Thunderstorms

590790 VH
IMJ 27 min 1997 Rainbow Educational Video
Explores the causes, similarities, and differences of these storms. Uses live video and 3D animation. Teacher's guide.

Storms; Hurricanes; Weather; Tornadoes

I Can Read About Thunder and Lightning

040090 MB
P 44 p. 1979 Troll Associates
30 Books; 1 Audio Cassette; and 1 Teacher's guide. Thunder and lightning causes are explained along with some safety tips to follow in the event of a thunderstorm. Author: David Cutts. Illustrator: Joel Snyder.

Cutts, David; Weather; Storms

It Looked Like Spilt Milk

045001 BB
PI 32 p. 1994 Learning Connection
Different people see different images...in a cloud. Author: Charles G. Shaw. 1 Big Book, 30 Books, 1 Teacher's Guide. Reading level 2, Interest level P-2

Perception; Shaw, Charles G.; Clouds; Imagination

Landforms and Climates of the United States

591297 VH
I 21 min 1990 SVE
A variety of landforms exist in the United States, including plains, highlands, mountains, and plateaus. The characteristics of each of these landforms and their climates are discussed in this program. Also explained is the effect that a landform has on climate. Teacher's guide.

Ecology; Meteorology; Mountains

Learning Channel Elementary Series

For descriptions see individual titles:
Dynamic Earth [025981]

Little Cloud

045055 BB
P 32 p. 1996 Scholastic Inc.
A little cloud changed into many different shapes then joined with other clouds to make one big cloud and rained. Author: Eric Carle. 1 Big Book, 30 Books, 1 Audio cassette, 1 Teacher's guide. Reading level 1, Interest level P-1

Children's Literature; Carle, Eric; Clouds

Living Desert Series

For descriptions see individual titles:
What Is a Desert? [020678]

Look Up Series

For descriptions see individual titles:
The Sun and the Wind [025168]
Weather Watch [025172]

Magic School Bus Kicks Up a Storm

024609 VH
PI 30 min CA 1995 Scholastic Inc.
Magic School Bus Series - Closed-captioned. The Magic School Bus is transformed into a weathermobile to ride through the sky in search of the causes of weather.

Meteorology; Storms; Weather

Weather

Magic School Bus Series

For descriptions see individual titles:
Magic School Bus Kicks Up a Storm
[024609]

Math in the Middle of Motion Series

For descriptions see individual titles:
Motion in the Environment [592897]

Meteorology

026021 VH
IM 23 min CA 1998 Schlessinger
Video Productions
Weather Fundamentals Series -
Closed-captioned. Learn how
meteorologist gather and interpret
weather data using many instruments.
Teacher's guide.

Meteorology; Weather

Motion in the Environment

592897 VH
MJ 20 min CA 1999 GPN
Educational Media
Math in the Middle of Motion Series -
Closed-captioned. Meteorologists use
math to describe and understand the
conditions that trigger volcanoes,
geysers, earthquakes, thunder, and
lightning. Teacher's guide.

Weather; Volcanoes

Mountains and Steppe Climates

596307 DV
PIM 10 min 2007 New Dimension
Media
*Climate and Weathers of the World
Series* - Explains the distinguishing
physical features of mountain and
steppe climates highlighting the cold,
humid climate of mountain areas and
the cold, dry climates of the steppes.
Includes the influence of the climate
on the people, plants, and animals.
Contains: 1 Disc and Teacher's guide
jacket.

Climate; Ecology; Weather

Natural Disaster or Natural Phenomena Series

For descriptions see individual titles:
Hurricanes [595830]
Tornadoes [596252]
Tsunamis [595829]

Natural Disasters

024444 VH
MJS 25 min CA 1996 National
Geographic Society
Closed-captioned. Examines how
natural disasters occur, what happens
when they hit and their impact on
lives.

Disasters; Floods; Hurricanes;
Tornadoes; Earthquakes

Natural Forces

041330 KT
PIMJS 1996 Social Issues
Resources Inc.

A series of 4 sets (8 prints each) of
photo essays documenting natural
disasters: (1) Volcanoes; (2) Weather;
(3) Earthquakes; and (4) Hurricanes
and tornadoes. Each set comes with
a study guide.

Volcanoes; Hurricanes; Earthquake
Prediction; Weather; Tornadoes

Natural Phenomena Series

For descriptions see individual titles:
Hurricanes, Tornadoes, and Other
Weather [025955]

Naturally Nature Series

For descriptions see individual titles:
Clouds: Nature's Sprinklers [027175]

Nick News: Special Edition Series

For descriptions see individual titles:
Children of the Storm [595850]

Night of the Twisters

597738 CB
IMJ 170 min 2009 Perma-Bound
Unabridged. Fictional account of 1980
disaster in which a series of tornadoes
devastated a Nebraska town. Told
from the points of view of a 12-year-
old and his friends and family. Author:
Ivy Ruckman, read by Riley Dugan.
Contains: 3 Compact Discs. Reading
Level 4.7, Interest Level 3-6

Disasters; Ruckman, Ivy; Weather;
Tornadoes

Night of the Twisters

1162 BK
IMJ 153 p. 1984 Perma-Bound
When a tornado watch is issued one
Tuesday evening in June, twelve-year-
old Dan Hatch and his best friend,
Arthur, don't think much of it. After all,
tornado warnings are a way of life
during the summer in Grand Island,
Nebraska. But soon enough, the wind
begins to howl, and the lights and
telephone stop working. Then the
emergency siren starts to wail. Dan,
his baby brother, and Arthur have only
seconds to get to the basement before
the monstrous twister is on top of
them. Little do they know that even if
they do survive the storm, their ordeal
will have only just begun. Author: Ivy
Ruckman. Reading Level 4.7, Interest
Level 3-6. Teacher's guides available,
please book (#1163).

Ruckman, Ivy; Disasters;
Tornadoes; Weather - Fiction

Nova: Adventure in Science Series

For descriptions see individual titles:
Hurricane! [024110]

Nova Series

For descriptions see individual titles:
Hunt for the Super Twister [594898]

Oceanic and Island Climates

596308 DV
PIM 10 min 2007 New Dimension
Media

*Climate and Weathers of the World
Series* - Explains the distinguishing
features of oceanic and island
climates. Includes the wind and
changeability of weather prevalent in
these regions. Oceans regulate the
temperature and influence human
activities. Contains: 1 Disc and
Teacher's guide jacket.

Climate; Weather; Coastal Ecology

Ozone and Pollution

591702 VH
PIMJ 15 min CA 2001 United
Learning

Weather Smart Series - Closed-
captioned. Students learn about
ozone's beneficial and harmful roles in
our atmosphere. Supporting materials
teach ways to measure air quality.
Teacher's guide with blackline
masters.

Weather; Water Pollution; Pollution;
Ozone; Air Pollution

A Planet in Change

594431 VH
IMJ 30 min 2004 Weather Channel
Forecast Earth Series - This program
explores extreme changes in climate
around the world and the people and
organizations that track these dramatic
changes.

Cause and Effect; Weather

Play and Discover Series

For descriptions see individual titles:
Seasons [024730]

Polar and Subpolar Climates

596309 DV
PIM 10 min 2007 New Dimension
Media

*Climate and Weathers of the World
Series* - Explains the distinguishing
features of polar and subpolar
climates, including the influence of the
cold on the people, plants, and
animals. Covers the tundra and tiaga
also. Contains: 1 Disc and Teacher's
guide jacket.

Weather; Polar Regions; Climate;
Ecology

Pre-Kindergarten Discovery Kit Series

For descriptions see individual titles:
Weather Kit [591119]

Precipitation and Prevailing Winds

026107 VH
MJS 16 min 1998 Yorkshire
Television

Earth Science Series - Explains the
water cycle, how the sun's heat drives
the global pattern of prevailing winds,
and how weather forecasting works.
Teacher's guide.

Wind; Weather; Water Cycle

Weather

Primary Source Science Series

For descriptions see individual titles:
Understanding Forces of Nature
[590535]

Raging Planet: Hurricane

025984 VH
MJS 26 min CA 1997 Discovery
Communications
Assignment Discovery Series -
Closed-captioned. Follow a
hurricane's trip across the Atlantic
Ocean where it gathers momentum.
Enter into the eye of the storm where
clear skies and still air prevail while
surrounded by 220-miles-per-hour
winds. Teacher's guide.

Weather; Disasters; Storms;
Hurricanes

Raging Planet: Lightning

025985 VH
MJS 26 min CA 1997 Discovery
Communications
Assignment Discovery Series -
Closed-captioned. Presents the power
and physics of lightning. Teacher's
guide.

Storms; Lightning; Weather

Raging Planet: Tornado

025987 VH
MJS 26 min CA 1997 Discovery
Communications
Assignment Discovery Series -
Closed-captioned. Shows why
tornadoes form and visits the people
of Oklahoma, Kansas, and Texas...an
area known as the infamous "Tornado
Alley". Teacher's Guide.

Storms; Tornadoes; Disasters

Rain

024036 VH
PI 10 min 1994 Films for the
Humanities
Take a Look 1 Series - Jeffrey finds
out why rain is important for all living
things. He learns how evaporation
and condensation can create rain
indoors.

Meteorology; Weather; Rain and
Rainfall

Rain and Snow

026022 VH
IMJ 23 min CA 1998 Schlessinger
Video Productions
Weather Fundamentals Series -
Closed-captioned. Explains the
various types of precipitation, how
they form, and how the water cycle
recycles water around the world.
Includes snow-making machines.
Teacher's guide.

Rain and Rainfall; Weather; Snow;
Precipitation (Meteorology)

Reading Rainbow Series

For descriptions see individual titles:
Bringing the Rain to Kapiti Plain
[020309]
Come a Tide [041454]
Come a Tide [022821]

Real World Science I Series

For descriptions see individual titles:
Weather and Climate [591463]

Road Risk

594612 VH
JS 30 min 2005 Weather Classroom
Forecast Earth Series - Road Risks
investigates how the nation's
transportation department uses
weather technology to keep roads
open and safe.

Weather; Science; Technology

Rock On: 5th Grade Science

595381 DV
IM 86 min 2005 Library Video
Company
Contains 7 music videos specifically
designed to teach fifth grade Science
concepts using this brain-research
driven tool. Covers the solar system,
weather, water cycle, matter,
photosynthesis, anatomy, and life
science. Contains: 1 Disc and lyric
sheet.

Photosynthesis; Matter; Weather;
Water Cycle; Anatomy, Human;
Solar System

Scientific American Frontiers Series

For descriptions see individual titles:
Homeless Woodpeckers [590574]

Seasons

024730 VH
P 15 min 1996 Two Can Publishing
Ltd
Play and Discover Series - Take a
magic toy box ride to find out exactly
what happens in summer, spring,
winter, and fall.

Birds; Seasons; Insects; Weather

The Seasons and the Monsoon

596837 DV
IMJ 10 min CA 2007 New
Dimension Media
*Climate Regions & Weathers of the
World Series* - Closed-captioned. The
diversity of seasons depend on the
climate and region. While most areas
have up to four seasons,
climatologists have decided that the
monsoon in Southern Asia has such
precise properties that many consider
it a fifth season. Contains: 1 Disc and
Jacket Teacher's guide.

Seasons; Climate; Weather; Earth
Science; Storms

Secret World of Gardens Series

For descriptions see individual titles:
Whether the Weather [597770]

Send in the Clouds

024706 VH
PI 18 min 1989 David Zarembo
Explains how clouds are formed, what
clouds have to do with weather, and
how to predict weather using the jet
plane contrails seen in the sky.

Meteorology; Weather; Clouds

Severe Weather Safety: Watch for the Warning

024767 VH
IMJST 18 min CA 1996 Alan Sealls
Closed-captioned. Explores safety
procedures for lightning, flash floods,
tornadoes, and other high winds.
Teacher's guide.

Weather; Safety Education

Sky on Fire

024088 VH
PIMJ 50 min 1994 Weather Channel
Examines the meteorological basis for
lightning. Looks at what it is, why it
occurs, and how it forms. Offers tips
for staying safe in a lightning storm.

Lightning; Weather; Safety
Education; Meteorology

Snow, Ice, Wind, and Cold

025388 VH
IMJS 30 min 1997 Weather Channel
Weather Classroom Series - Contains
three segments: 1) Wind and Cold; 2)
Snow and Ice; and 3) Winter Storms.
Includes tips for safety and
experiments on making snowflakes,
why ice is slippery, and why sand and
salt are used for safety. Teacher's
guide. e e

Winter; Storms; Weather

Speaking of Weather

020655 VH
PI 8 min 1983 Walt Disney
Introduces young science students to
the phenomena of rain, snow,
lightning, thunder, and many other
meteorological mysteries.

Weather

Storm Chasers

593917 VH, DV, DM
I 30 min 2003 100% Educational
Video
Way Cool Science Series - A team of
kid "science enthusiasts" document
some of the planet's biggest storms
and explain what causes weather
conditions and climate. Video footage
and graphics demonstrate the
relationship between air, water, and
heat. Learn to make some simple
weather. DVD Contains: 1 Disc with
chapter divisions and on-screen
teacher's guide.

Storms; Hurricanes; Meteorology;
Weather; Tornadoes

Storm Chasers

594550 VH
PI 30 min 2002 Museum Tour
Way Cool Science Series - Science
enthusiast Max Orbit learns about
different forms of weather and the
reasons for various weather patterns.
Covers atmosphere, air pressure and
currents, clouds, storms, water cycle,
and climate. Teacher's guide and
activity sheets.

Weather

Weather

Storms

I 26 min CA 1999 Disney Educational Productions
Bill Nye the Science Guy Series - Closed-captioned. Uses comedy and experiments to demonstrate the causes and effects of storms. Teacher's guide.

Weather; Storms

Storms

020657 VH
PIMJ 14 min 1986 Walt Disney
Explains what causes thunder storms, tornadoes and hurricanes, and demonstrates how to stay safe indoors or outdoors during a storm.

Weather; Storms; Meteorology

Storms, Cyclones, and Hurricanes

596836 DV
IMJ 10 min CA 2007 New Dimension Media
Climate Regions & Weathers of the World Series - Closed-captioned. Combinations of opposing electrical charges and differences in air temperature and humidity create rotation wind patterns in all storms. Nature and humans have come up with clever adaptations to these events. Contains: 1 Disc and Jacket Teacher's guide.

Earth Science; Storms; Weather; Seasons; Climate

The Sun and the Wind

025168 VH
I 15 min 1994 Films for the Humanities
Look Up Series - Animated characters Robot and Imagination discuss how wind is caused and how high and low pressure systems, as well as the sun's heat, affect the temperature. Teacher's guide.

Meteorology; Wind; Weather; Weathervanes

Take a Look 1 Series

For descriptions see individual titles:
Rain [024036]
Wind [024035]

Target Tornado

024090 VH
IJS 42 min 1994 Weather Channel
Provides a look at the causes and results of tornadoes, that appear suddenly and cause massive destruction. Features some of America's worst twisters.

Environment; Meteorology; Weather; Tornadoes

Telling the Weather

024519 VH
I 25 min CA 1996 National Geographic Society
Closed-captioned. Looks at weather patterns and forecasting. Travels into the eye of a hurricane. Teacher's guide.

Meteorology; Storms; Clouds; Weather

Temperate and Continental Climates

596310 DV
PIM 10 min 2007 New Dimension Media
Climate and Weathers of the World Series - Explains the characteristics of the temperate coastal regions of Europe and the more variable weather of the inland continental regions of Europe and North America. People, plants, and wildlife thrive in these areas. Contains: 1 Disc and Teacher's guide jacket.

Ecology; Weather; Climate

Temperature, Pressure, and Humidity (Second Edition)

022638 VH
IJ 14 min 1992 Field Trip Videos
Weather - Air in Action Series - The four parts of the weather system are explained, together with their effects on temperature and humidity. Teacher's guide.

Weather; Meteorology

Think About the Weather

595994 BB
P 16 p. 1994 Newbridge Educational Publishing
Introduces types of weather...snow, rain, sun, wind, and clouds. Author: Cynthia Rothman. 1 Big Book, 30 Soft cover books, 1 Teacher's guide.

Weather

Thunderstorms

590814 VH
IMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. Time lapse program shows how the process of convection builds cumulus clouds into cumulonimbus clouds. Highlights the electrical power in lightning and safety during storms. Teacher's guide with blackline masters.

Weather; Thunderstorms; Storms

Tornadoes

591703 VH
PIMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. Reveals the many sizes, shapes, and colors of tornadoes as well as the damage they can cause. Vocabulary associated with tornadoes such as twister, cyclone, and funnel are discussed. Teacher's guide with blackline masters.

Weather; Tornadoes; Storms

Tornadoes

596252 DV
IMJ 19 min CA 2006 Film Ideas Inc
Natural Disaster or Natural Phenomena Series - Closed-captioned. Explores the principal elements of tornadoes, one of the most dangerous forms wind can take. Includes where and why they happen, the science of predicting, and how to stay safe. Chapter divisions. Contains: 1 Disc.

Weather; Disasters; Tornadoes

Tornadoes

025255 VH
IJS 30 min 1997 Weather Channel
Weather Classroom Series - Three segments - 10:00. (1) Tornadoes: How Tornadoes Form, Tornado Alley, and How to Make a Tornado in a Bottle; (2) Twister Facts: The Fujita-Pearson Scale, Unforgettable Tornadoes, and Staying Safe; (3) Storm Chasers: How Their Research Helps Forecasters and Making a Storm Chaser Diary. Includes internet connections.

Tornadoes; Weather

Tsunamis

595829 DV
IMJ 16 min CA 2006 Film Ideas Inc
Natural Disaster or Natural Phenomena Series - Closed-captioned. Explores the characteristics, causes, and effects of Tsunamis. Notes the lack of advance notice and discusses what can be done to cope. Explains the difference between Tsunamis and storm waves. Chaptered divisions. Contains: 1 Disc.

Weather; Disasters; Earthquakes

Twin Sisters: The Science Series

For descriptions see individual titles:
Weather [594501]

Unchained Goddess

020359 VH
PIMJSA 59 min 1958 AT&T Company
Shows most unusual footage of tornadoes, hurricanes and lightning. Also describes how clouds, rain, ice and snow are formed and how weather forecasts are made.

Meteorology; Storms

Weather

Understanding Forces of Nature

590535 VH
IJSA 19 min 2001 Raintree Steck Vaughn Publishers
Primary Source Science Series - A collection of 8 CNN short news reports about current research on tornadoes, hurricanes, extreme weather, earthquakes, and volcanoes. Useful for discussion starters or teaching information skills. Teacher's guide.

Volcanoes; Primary sources; Earthquakes; Tornadoes; Weather; Hurricanes

Volcanoes, Earthquakes, and Storms

040319 MB
PI 2000
Explores, through literature, the explanations for natural disasters and violent weather. Contains: 5 Titles (8 Books each) THE FINCHES' FABULOUS FURNACE/by Roger Drury; IF YOU LIVED AT THE TIME OF THE GREAT SAN FRANCISCO EARTHQUAKE/by Ellen Levine; DAY OF THE BLIZZARD/by Marietta Moskin; HURRICANE/by Marian Rumsey, Marian (7 copies); and VOLCANOES AND EARTHQUAKES/by Mary Elting. 30 Theme Digests. 1 Teacher's Guide.

Volcanoes; Storms; Disasters; Earthquakes

The Water Cycle

022387 VH
IMJS 12 min 1990 New Dimension Media
Weather Wise Series - Focuses on the role that the water cycle plays in weather. Teacher's guide.

Weather; Water; Water Cycle

The Water Cycle and Cloud Formation

596311 DV
IMJ 10 min 2007 New Dimension Media
Climate and Weathers of the World Series - Live-action footage and animation illustrate how warm air rises to form the clouds and rain of the water cycle. Also shows types of clouds and the formation of rainbows. Contains: 1 Disc and Teacher's guide jacket.

Clouds; Weather; Water Cycle

Water Cycle and Clouds

591704 VH
PIMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. Takes a look at one of the most vital components of our ecosystem, water. Highlights the unique properties of water and the role it plays in forming clouds, generating weather, and maintaining life. Teacher's guide with blackline masters.

Water; Weather; Water Cycle

Water: Oceans to Air

025261 VH
PIMJ 27 min 1997 Weather Channel
Weather Classroom Series - Includes three 8-minute programs that cover the water cycle. (1) The Water Cycle, (2) Humidity, and (3) Precipitation. All include hands-on experiments. Teacher's guide.

Water Cycle; Weather

Waves/Wind

024458 VH
I 52 min 1994 Disney Educational Productions
Bill Nye the Science Guy Series - Uses comedy, interviews with scientists, and hands-on experiments to look at the interconnectedness of waves and wind. Teacher's guide.

Meteorology; Wind; Energy; Waves

Way Cool Science Series

For descriptions see individual titles:
Storm Chasers [593917]
Storm Chasers [594550]

Weather

591705 VH
PIMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. The basics of air, wind, and water are covered to illustrate that weather is both dynamic and simple. Introduces the profession of meteorology. Teacher's guide with blackline masters.

Meteorology; Weather

Weather

022602 VH
I 24 min CA 1991 ATV Production
Wonder Why Series - Closed-captioned. Investigates why days are longer in summer than in winter, why the wind blows, and why rain falls. We visit a weather forecaster to: find out why different weather occurs in different places, learn about the water cycle, take a trip in a hot air balloon, and make a simple version of a rain gauge.

Meteorology; Weather

Weather

594501 CD
PI 36 min 1999 Museum Tour
Twin Sisters: The Science Series - Learn about weather, seasons, water cycle, and clouds with these 12 informative songs. Includes "What Does a Meteorologist Do?", "Tools to Predict the Weather", "I See an Elephant in the Sky", and more. Contains: 1 Compact Disc and in-case song book.

Water Cycle; Weather; Seasons

Weather: A First Look

026862 VH
P 17 min 1999 Rainbow Educational Video
A First Look Series - Describes the effects of the sun, water, and air on weather. Discusses how weather changes with the seasons and how it affects our lives. Study guide

Meteorology; Weather

Weather - Air in Action Series

For descriptions see individual titles:
Temperature, Pressure, and Humidity (Second Edition) [022638]
Wind, Fronts, and Storms (Second Edition) [022637]

Weather and Climate

591488 DV
IMJ 8 min CA 2002 Visual Learning Company
Weather Series - Closed-captioned. Four part unit reviewing important concepts in middle school science on atmosphere, climate, and weather. Contains: 4 titles (The Atmosphere, Climate, Weather in Action, and Nature of Weather). Contains: 1 Disc.

Atmosphere; Weather; Climate

Weather and Climate

591463 VH
I 15 min 1999 Sunburst Communications
Real World Science I Series - Covers relationship between air, water, and heat and how these elements make weather happen. Explores pressure, the water cycle, clouds, storms, and climates around the world. Teacher's guide with activity sheets.

Climate; Weather

Weather and Climate

591075 KT
IMJ CA 2001 Visual Learning Company
Closed-captioned. Four part video unit reviewing important concepts in middle school science on atmosphere, climate, and weather. Contains: 4 VHS (The Atmosphere, Climate, Weather in Action, and Nature of Weather - 20:00 each); 1 Teacher's guide.

Weather; Atmosphere; Climate

Weather and Geography

591519 VH
IMJS 30 min CA 2002 Weather Channel
Weather Classroom Series - Closed-captioned. This episode explores erosion, winds, wildfires, the effects of weather on geology, the effects of water and altitude on weather, the types of storms that happen over different kinds of terrain, and more. Teacher's guide.

Weather; Earth Science; Geography

Weather

Weather Around Us

597239 VH, DV, DM
I 14 min CA 2008 Visual Learning Company

Closed-captioned. Introduces the fundamentals of weather including air pressure, wind, and moisture. Covers cloud formation and precipitation. Contains: 1 Disc, both DVD and VHS contain Teacher's guide folder.

Weather

Weather Classroom (Part III)

022724 VH
PIJ 50 min 1992 Weather Channel
Weather Classroom Series - Four programs that explore aspects of weather, climatology, and environment: 1. Radiation and steam fog, 2. Wintry precipitation, 3. Lightening and thunderstorms, 4. Relative humidity.

Meteorology; Environment; Weather

Weather Classroom, (Part VIII)

023251 VH
PIJ 132 min 1994 Weather Channel
Eleven 12-minute programs that explore aspects of weather, climatology, and environment: 1) tornadoes, 2) Doppler Radar, 3) jet stream, 4) clouds, 5) sun dogs and rainbows, 6) city weather, 7) water cycle/acid rain, 8) highs/lows, 9) seasons, 10) fog, 11) severe weather.

Meteorology; Weather; Environment

Weather Classroom Series

For descriptions see individual titles:
The Atmosphere [591520]

Careers in Meteorology [061096]

Extremes in the Water Cycle [025274]

Forecasting the Weather [025387]

Fujita: A Life in the Storm [591975]

Hurricanes [591134]

Hurricanes [025273]

Snow, Ice, Wind, and Cold [025388]

Tornadoes [025255]

Water: Oceans to Air [025261]

Weather and Geography [591519]

Weather Classroom (Part III)

[022724]

Weather: It's Elementary [593368]

Weather for Children Series

For descriptions see individual titles:
All About Climate and Seasons

[593137]

All About Meteorology [593139]

All About Rain, Snow, Sleet, and Hail

[593138]

All About Wind and Clouds [593140]

Weather for the Juniors Series

For descriptions see individual titles:
Cold Weather [593612]

Dry Weather [593611]

Hot Weather [593610]

Wet Weather [593226]

Weather Fundamentals Series

For descriptions see individual titles:
Climate and Seasons [026020]

Clouds [026023]

Hurricanes and Tornadoes [026024]

Meteorology [026021]

Rain and Snow [026022]

Wind [026025]

Weather: It's Elementary

593368 VH

IMJS 30 min 2003 Weather Channel

Weather Classroom Series - Explores basic weather concepts through field trips and interviews with experts.

Weather

Weather Kit

591119 KT

NP 2002 Delta Education Inc

Pre-Kindergarten Discovery Kit Series

- Hands-on multidisciplinary kit for young children to learn all about weather. Contains: 3 Inflatables, 2 Thermometers, 1 Pattern sheet; 1 Poster; 1 Sponge set (7); 1 Finger puppet; 1 Rain gauge; 1 Discovery guide in a plastic bin.

Weather

Weather Module

597170 MB

PIM 2008 Millmark Education

ConceptLinks Series - Differentiated, leveled non-fiction books explore the science of weather at four reading levels (grades 2, 3, 4, 5). Teacher's guide and CDs provide lesson plans, supplemental images, and oral readings of the books. Contains: 24 Student Books, 6 copies of each title (Changing Weather and Severe Storms, Properties and Patterns, Water Vapor and the Water Cycle, Atmosphere and Temperature); 1 Teacher's Guide; 1 Concept Connector (Different Kinds of Weather on one side and Weather on the Move on the reverse side); 1 ConceptLinks Reading Level Chart; 4 Discs (Weather Image Bank CD ROM, Weather Resource CD ROM, Weather Audio CD, and Weather Classroom Management and Assessment CD ROM); in gray Storage Tote Bag.

Water Cycle; Meteorology; Weather

Weather on the Move

597240 VH, DV, DM

I 14 min CA 2008 Visual Learning Company

Closed-captioned. Explores the key elements responsible for weather formation. Investigates types of air masses and weather phenomenon in detail. Contains: 1 Disc, both DVD and VHS contain Teacher's guide folder.

Meteorology; Weather; Storms

The Weather People

022614 VH

PI 15 min 1989 Centre Productions

Introduces children to the process behind what eventually becomes a TV weather forecast. Interviews with important individuals who gather weather data and a TV weather man help viewers understand the importance of accurate weather forecasting.

Careers; Meteorology; Weather; Vocational Guidance

Weather Series

For descriptions see individual titles:

Weather and Climate [591488]

Weather Smart Series

For descriptions see individual titles:

Climate [591698]

Forecasting and Weather Instruments [591699]

Heat, Wind, and Pressure [591700]

Hurricanes [591701]

Ozone and Pollution [591702]

Thunderstorms [590814]

Tornadoes [591703]

Water Cycle and Clouds [591704]

Weather [591705]

Winter and Snow [591706]

Weather Watch

025172 VH

I 15 min 1994 Films for the Humanities

Look Up Series - Animated characters Robot and Imagination show tools used by meteorologists to measure weather including the thermometer, barometer, wind vane, rain gauge, computer, and satellites. Students are encouraged to measure aspects of weather. Teacher's guide.

Weathervanes; Meteorology;

Precipitation (Meteorology);

Weather

Weather, Weather, Weather

041337 KT

PI

2000

Offers resources to explore various aspects of weather and climate. 4 Books: SEE IT FOR YOURSELF: RAIN/by Kay Davies and Wendy Oldfield - Color photos and text of the natural world introduces students to rain and the wonders of water; SEE IT FOR YOURSELF: WIND/by Kay Davies and Wendy Oldfield - Color photos and text help students explore the world of wind and its many uses; WEATHER REPORT - CLOUDS/by Ann and Jim Merk - Shows the many kinds of clouds, how they form, and how they help the earth; and I WONDER WHY: THE WIND BLOWS AND OTHER QUESTIONS ABOUT OUR PLANET/by Anita Ganeri - Asks and answers many interesting questions about how the world works. 2 VHS: The Weather People - 15:00 and Speaking of Weather - 8:00.

Rain and Rainfall; Meteorology;

Clouds; Wind; Weather

Weather

Weather Wise Series

For descriptions see individual titles:
The Water Cycle [022387]

Weather Words

591395 KT
NP 1990 Childcraft Education Corp
Contains 1 Book: WEATHER WORDS AND WHAT THEY MEAN/by Gail Gibbons - Illustrates and defines temperature, air pressure, moisture, wind, and their related terms. Also explains where weather comes from; 1 Drawstring bag with soft sculpture weather clouds (3); 1 Teacher's guide; 1 2-sided Poster (The Goes Poes Wild World of Clouds) with activities on one side and cloud formations on reverse.
Gibbons, Gail; Weather; Clouds

Wet Weather

593226 VH
P 15 min 2000 Landmark Media
Weather for the Juniors Series - Children around the world explore how wet weather affects them and those around them. Teacher's guide jacket.
Precipitation (Meteorology);
Weather; Rain and Rainfall;
Climate; Water Cycle

What Is a Desert?

020678 VH
IMJS 13 min 1974 Walt Disney
Living Desert Series - Explains why deserts are formed. Discusses some of the elusive mysteries of the desert: the mirages and phantom lakes, massive rocks that move, and the Salton Sea whose ancient ocean floor still bubbles and boils with pent-up gases creating the mud-pots. Among the areas visited are the coastal ranges of the Sierra Nevada and Cascade Mountains along the western edge of North America, the Great American Desert, Monument Valley, the Painted Desert, Petrified Forest, and Death Valley. Teacher's guide.
Desert Ecology; Deserts;
Meteorology

What Makes Clouds?

020075 VH
IJS 19 min 1965 Encyclopedia Britannica
Uses experiments and the observation of natural phenomena to provide data for an investigation of conditions which cause the formation of clouds. Explains that evaporation and transpiration are found to be the source of invisible water vapor which condenses on tiny particles in the air to form trillions of water droplets in a cloud. Time-lapse photography shows visual evidence for condensation by revealing how clouds appear to materialize in a clear sky.
Weather; Clouds; Water Cycle

What Makes the Weather

023520 VH
P 8 min 1993 Troll Associates
First Time Science Series - A thunderhead and a fluffy white cloud mean different kinds of days. Thanks to the sun, each day brings different weather.
Meteorology; Weather

What Will the Weather Be Like Today?

045024 BB
P 32 p. 1989 Scholastic Inc.
Different animals like different kinds of weather...so do different people. Author: Paul Rogers. Pictures: Kazuko. 1 Big Book, 30 Books, 1 Teacher's Guide, 1 Audio cassette (What Will the Weather Be Like Today?)
Rogers, Paul; Weather

Whether the Weather

597770 DV
IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Learn how plants survive the stress of changes in the weather and the coping strategies they have evolved. Contains: 1 Disc.
Gardening; Plants; Weather

Why Do Tornadoes Do So Much Damage?

597578 DV
PIM 28 min 2008 Landmark Media
Head's Up II Series - Scientist Bob MacDonald learns about tornadoes, travels with a storm chaser, and creates a model on the kitchen counter. Chapter Titles: The Most Powerful Form of Weather; Making a Tornado; Forecasting/Hunting; Hot and Cold/Breaking the Cap; Severe Weather Center/Damage; Hole in the Air. Contains: 1 Disc.
Storms; Tornadoes; Weather

Wind

024035 VH
PI 10 min 1994 Films for the Humanities
Take a Look 1 Series - Kate makes a weather vane and shows Jeffrey how the wind creates weather. She conducts some experiments to simulate the movement of air currents, explaining how storms can start.
Weather; Wind; Meteorology

Wind

026025 VH
IM 23 min CA 1998 Schlessinger Video Productions
Weather Fundamentals Series - Closed-captioned. Explores the mechanics of measuring windspeed and direction as well as the use of wind as an energy source. Animation and live footage show the variety of ways wind affects the planet. Teacher's guide.
Weather; Wind

Wind, Fronts, and Storms (Second Edition)

022637 VH
IJ 16 min 1992 Field Trip Videos
Weather - Air in Action Series - Describes weather fronts, wind, clouds, tornados, and hurricanes. Teacher's guide.
Hurricanes; Storms; Tornadoes;
Meteorology; Weather

Winds and Weather Forecasting

596838 DV
IMJ 10 min CA 2007 New Dimension Media
Climate Regions & Weathers of the World Series - Closed-captioned. Winds result from differences in atmospheric pressure. While winds carrying moisture are necessary for life, many human activities require accurate weather forecasting. Technology has revolutionized this science but weather's complexity still makes prediction difficult. Contains: 1 Disc and Jacket Teacher's guide.
Weather; Earth Science; Wind;
Meteorology

Winter and Snow

591706 VH
PIMJ 15 min CA 2001 United Learning
Weather Smart Series - Closed-captioned. Video and animations show the beauty and the power of winter storms. Covers the cause of winter by a change of the Earth's tilt in relation to the sun. Emphasizing personal safety from winter hazards, it explores the vocabulary of winter and includes a wind chill chart to illustrate the principle of heat loss due to wind. Teacher's guide with blackline masters.
Seasons; Snow; Winter; Weather

Winter Dangers

023241 VH
PIJS 16 min 2000 Independent Marketing
Explains the dangers of frostbite and hypothermia. Identifies threatening winter situations, shows how to treat cold-related injuries and illustrates actions to take to prevent injury and loss of life in cold weather.
Winter; Weather; Snow; Safety Education

Weather

Wonder Why Series

For descriptions see individual titles:

Air [024489]

Weather [022602]