Fresh Science®

INDEX OF VISUALS
Climate and Weather

How to Use This Index
We use menus to navigate through a DVD. This index will help you quickly get to the menu you need to access a particular image or motion sequence. Study the "Climate and Weather" Index example below. The first column provides the index term. The second column directs you to go to the Buffet menu, and select Lesson 3, Screen 2. Because of size limitations, menu terminology often is shortened or abbreviated. The third column tells you what caption to look for when accessing the index term. The last column describes the type of visual; if it's a movie, its running time appears as well.

Index Example

Name in Index	"Buffet" Lesson.Screen	Event title as it appears on screen	Visual Type/Length
water cycle	3.2	Water cycle	Movie/Narr./:30

This 30-second narrated movie named "Water cycle" is located in "Buffet" LESSON 3, SCREEN 2.

"Visual Type" Abbreviations Legend
The legend below decodes the Visual Type abbreviations. Note that all still images are listed in italics, and all glossary terms appear in bold.

S – still picture, chart or diagram. Still pictures appear in this index in italics.

IG – Illustrated Glossary term. The number following IG (example: "IG3") indicates which lesson in the Illustrated Glossary contains the term. IG terms appear in this index in bold.

Movie/:30 – Indicates a movie with natural audio or background music only. The length of the movie (in seconds) is noted.

Movie/Narr./:30 – Indicates a movie with narration. Length of the movie (in seconds) is noted.

Anim./:30 – Indicates an animation with background music or sound effects. The length of the animation is noted.

Anim./Narr./:30 – Indicates an animation with narration. Length of the animation is noted.

Image Description		Event Title on DVD Menu	Image Type
A			
aerosol spray can, as source of CFC	1.3	Aerosol spray can	Movie/:03
aerovane	5.4	Aerovane	S
air	**IG1**	**air**	**IG**
apparent deflection of, explained as Coriolis force	4.2	Spinning Earth; apparent air deflection	Anim./Narr./:30
air flow, across sphere	4.1	Model of how air might flow across a stationary sphere	Anim./:10
three cycles of, illustrated	4.1	Northern Hemisphere; three cycles of air	Anim./:15
three cycles of, convection, condensation, evaporation	4.2	Northern Hemisphere; three cycles of air (first of two similarly titled visuals on this screen)	Anim./Narr./:30
three cycles of, illustrated	4.2	Northern Hemisphere; three cycles of air (second of two similarly titled visuals on this screen)	Anim./:15
three cycles of explained, impact of surface winds	4.3	Northern Hemisphere; three cycles of air	Anim./Narr./:30
air mass	**IG3**	**air mass**	**IG**
paths of, using spinning globe overlay	4.2	Stationary and spinning globe; path of air mass	Anim./Narr./:20
by type; mapped	*3.3*	*North America Map; air mass types*	*S*
high and low labeled on world map	*3.3*	*World map with air masses*	*S*
high meets low	4.1	U.S. Map; H air mass meeting L air mass	Anim./:10
high moving toward low, labeled on map	*3.3*	*World map with air masses moving*	*S*
likelihood of cold, dry; mapped	*3.2*	*North America Map; cold, dry air*	*S*
likelihood of cool, moist; mapped	*3.2*	*North America Map; cool, moist air*	*S*
likelihood of warm, dry; mapped	*3.2*	*North America Map; warm, dry air*	*S*
likelihood of warm, moist; mapped	*3.2*	*North America Map; warm, moist air*	*S*
named and mapped	*3.3*	*North America Map; named air masses*	*S*
air pressure	**IG3**	**air pressure**	**IG**
demo	3.3	Air pressure demonstration	Movie/Narr./:25
illustrated on human body	*3.3*	*Air pressure*	*S*
anemometer	1.1	Anemometer	Movie/:05
anemometer	5.4	Anemometer	Movie/:05
anemometer	**IG1**	**anemometer**	**IG**
aneroid barometer	**IG5**	**aneroid barometer**	**IG**
Arnot Sheppard quote on weather	*1.2*	*Arnot Sheppard quote*	*S*
astronauts, space walk	1.4	Shuttle astronauts during an EVA	Movie/:30
atmosphere	**IG1**	**atmosphere**	**IG**
being warmed by Earth's surface	2.2	Earth's surface warming atmosphere	Anim./Narr./:20
gases in by color	2.3	Profile of various gases in atmosphere	Anim./:10
gases in by color	3.3	Various gases in atmosphere	Anim./:05
illustrating with M&M's candy	*1.2*	*Cross-section of an M&M's candy*	*S*
ionosphere	*1.4*	*Radio signals bouncing off ionosphere*	*S*
layers of, unlabeled	*1.2*	*Layers of Earth's atmosphere*	*S*
ozone levels in	1.3	TOMS data showing ozone levels in the atmosphere	Anim./:15
particles moving in	1.2	Particles in Earth's atmosphere	Anim./:15
"middle layer"	*1.4*	*Atmosphere; "middle layer"*	*S*
"middle" replaced with mesosphere	*1.4*	*Atmosphere; mesosphere*	*S*
exosphere with temperature overlay	*1.5*	*Atmosphere; exosphere*	*S*
gas layers	*1.4*	*Atmosphere; gas layers*	*S*
mesosphere, temperature overlay	*1.4*	*Atmosphere; mesosphere*	*S*
thermosphere, temperature overlay	*1.4*	*Atmosphere; thermosphere*	*S*
atom	**IG1**	**atom**	**IG**
aurora borealis, real time	1.4	Aurora Borealis	Movie/:20
aurora, colors by molecule type and temperature	1.5	Aurora colors	Anim./:07
particles causing	1.4	Particles leaving sun and causing aurora	Anim./:38
B			
barometer	1.1	Barometer	2-Step/Zoom
barometer	**IG1**	**barometer**	**IG**
display	*5.3*	*Barometer display*	*S*
aneroid	**IG5**	**barometer, aneroid**	**IG**
aneroid, how it works	*5.4*	*How an aneroid barometer works*	*S*
aneroid, pictured	*5.4*	*Aneroid barometer*	*S*
falling, as shown on TV news	*5.4*	*Falling barometer*	*S*

Image Description		Event Title on DVD Menu	Image Type
mercury barometer, how it works	5.4	How a mercury barometer works	2-Step/Zoom
mercury barometer, labeled diagram	*5.4*	*How a mercury barometer works*	*S*
rising barometer, as shown on TV news	*5.4*	*Rising barometer*	*S*
steady barometer, as shown on TV news	*5.3*	*Steady barometer*	*S*
breezes blowing	4.1	Breezes blowing	Movie/:08
C			
California wildfires, from shuttle	5.5	California wildfires	Movie/:30
carbon and oxygen atoms, joining to form CO_2	2.1	Carbon and oxygen atoms joining	Anim./:18
carbon dioxide, formation of	2.1	Carbon and oxygen atoms joining	Anim./:18
Celsius	**IG5**	**Celsius**	**IG**
Celsius and Fahrenheit thermometer	*5.3*	*Fahrenheit and Celsius thermometers*	*S*
CFC and ozone interact	1.3	CFC molecules breaking into chlorine atoms	Anim./:25
CFC, how abbreviated from chlorofluorocarbons	1.3	Chlorofluorocarbons	Anim./:12
CFC, potential sources of--aerosol spray can	1.3	Aerosol spray can	Movie/:03
chlorofluorocarbons, why abbreviated as CFC	1.3	Chlorofluorocarbons	Anim./:12
cirrus and other clouds	2.4	Cirrus with other clouds following	Movie/:05
cirrus cloud	**IG2**	**cirrus cloud**	**IG**
pictured and labeled	*2.4*	*Cirrus cloud*	*S*
absorbing radiation	*2.5*	*Cirrus clouds absorbing radiation*	*S*
reflecting radiation	*2.5*	*Cirrus clouds reflecting radiation*	*S*
climate	**IG1**	**climate**	**IG**
climate regions, various	1.1	Various scenes of regions having different climates	Movie/:06
tropical rainforest	1.1	Various scenes of regions having different climates	
frozen tundra	1.1	Various scenes of regions having different climates	
desert	1.1	Various scenes of regions having different climates	
climate, what is?	*1.1*	*What is climate?*	*S*
cloud *classification chart, by altitude*	*2.5*	*Cloud classification chart*	*S*
cirrus	**IG2**	**cloud, cirrus**	**IG**
cumulonimbus	**IG2**	**cloud, cumulonimbus**	**IG**
cumulus	**IG2**	**cloud, cumulus**	**IG**
stratus	**IG2**	**cloud, stratus**	**IG**
blocking sun's rays	*3.2*	*Clouds blocking sun's rays*	*S*
forming, moving	2.4	Clouds forming and moving	Movie/Narr./:30
moving, U.S. satellite time-lapse	4.3	Satellite images of clouds moving across U.S.	Movie/:13
at equator, satellite images	4.2	Satellite images of clouds forming near equator	Movie/:15
moving across U.S., satellite	4.2	Satellite images of clouds moving across U.S.	Movie/:20
various types, unlabeled	2.5	Clouds	Movie/:04
cold front	*4.1*	*H air mass meeting L air mass; Cold front*	*S*
condensation	**IG2**	**condensation**	**IG**
exceeding evaporation rate	2.4	Condensation rate exceeds evaporation rate	Anim./Narr./:20
illustrated using tea kettle	2.3	Kettle with steam	Movie/:10
conduction	**IG2**	**conduction**	**IG**
explained	2.2	Conduction	Anim./Narr./:30
convection	**IG2**	**convection**	**IG**
convection arrows	2.2	Convection arrows	Anim./Narr./:15
convection currents	2.2	Convection currents	Anim./Narr./:20
convection currents, explained	3.3	Convection currents	Movie/Narr./:30
currents, illustrated using glider	4.1	Glider ride	Movie/:58
convection demo	2.2	Convection demonstration	Movie/:15
convection, effects of	2.2	Convection arrows	Anim./Narr./:15
convection, explained	2.2	Convection currents	Anim./Narr./:20
convection, term introduced	2.2	Earth's surface warming atmosphere	Anim./Narr./:20
Coriolis force	**IG4**	**Coriolis force**	**IG**
explained, apparent deflection of air	4.2	Spinning Earth; apparent air deflection	Movie/Narr./:30
illustrated as air flow across sphere	4.1	Model of how air might flow across a stationary sphere	Anim./:10
illustrated using three cycles of air	4.1	Northern Hemisphere; three cycles of air	Anim./:15
illustrated further using three cycles of air flow	4.2	Northern Hemisphere; three cycles of air (second of two similarly titled visuals on this screen)	Anim./:15
illustrated with spinning globe	4.2	Globe spinning	Anim./Narr./:45
impact of surface winds on three cycles of air	4.3	Northern Hemisphere; three cycles of air	Anim./Narr./:30

Image Description		Event Title on DVD Menu	Image Type
(Coriolis force continued) labeled	*4.2*	*Paths of air deflection; Coriolis force labeled* (first of two similarly titled visuals on this screen)	*S*
paths of air deflection	*4.2*	*Paths of air deflection; Coriolis force* (second of two similarly titled visuals on this screen)	*S*
role of convection, condensation, evaporation on air flow	4.2	Northern Hemisphere; three cycles of air (first of two similarly titled visuals on this screen)	Anim./Narr./:30
cumulonimbus cloud	**IG2**	**cumulonimbus cloud**	**IG**
forming	2.5	Cumulonimbus cloud	Movie/:15
pictured and labeled	*2.5*	*Cumulonimbus cloud*	*S*
cumulus cloud	**IG2**	**cumulus cloud**	**IG**
cumulus clouds, pictured and labeled	*2.4*	*Cumulus clouds*	*S*
curly hair, from humidity	*2.3*	*Curly hair*	*S*
cycle, water	**IG3**	**water cycle**	**IG**
D			
desert, American SW	*4.3*	*American Southwest desert*	*S*
dew (movie)	2.4	Dew	Movie/:10
dew (still)	*2.4*	*Dew*	*S*
E			
Earth spins in space	1.2	Earth spinning in space; atmospheres visible	Anim./:12
Earth's surface warming atmosphere	2.2	Earth's surface warming atmosphere	Anim./Narr./:19
Earth's water sources	*2.2*	*Earth's water sources*	*S*
Earth's water sources	*3.1*	*Earth's water sources*	*S*
evaporation	**IG2**	**evaporation**	**IG**
of water droplets, explained	2.3	Microscopic water droplets evaporate	Anim./Narr./:20
of water molecules, explained	2.3	Evaporation of water molecules	Anim./Narr./:30
evaporation rate, explained	2.3	Evaporation rate	Anim./Narr./:20
evaporation, time-lapse	2.3	Evaporation; time-lapse	Movie/:12
exosphere	**IG1**	**exosphere**	**IG**
temperature	*1.5*	*Atmosphere; exosphere*	*S*
sparseness of atoms in	*1.5*	*Exosphere*	*S*
F			
Fahrenheit	**IG5**	**Fahrenheit**	**IG**
Fahrenheit and Celsius thermometer	*5.3*	*Fahrenheit and Celsius thermometers*	*S*
fluorescent bulb radiating light, heat	*2.1*	*Fluorescent bulb with hand touching it*	*S*
fog	2.4	Fog	Movie/:10
force, Coriolis	**IG4**	**force, Coriolis**	**IG**
forecast, 5-day	*5.5*	*5-day weather forecast*	*S*
forecast, 7-day	*5.5*	*7-day weather forecast*	*S*
freezing rain/sleet	3.1	Sleet/freezing rain	Movie/:05
front	**IG4**	**front**	**IG**
cold	*4.1*	*H air mass meeting L air mass; Cold front*	*S*
high meets low	*4.1*	*Frontal boundary; H air mass meeting L air mass*	*S*
low meets high	*4.1*	*Frontal boundary; L air mass meeting H air mass*	*S*
frost	2.4	Frost	Movie/:10
Fujita scale	*5.1*	*Fujita Scale*	*S*
G			
gas	**IG2**	**gas**	**IG**
in atmosphere	2.3	Profile of various gases in atmosphere	Anim./:10
in atmosphere, by color	3.3	Various gases in atmosphere	Anim./:05
layers in atmosphere	*1.4*	*Atmosphere; gas layers*	*S*
gases, solids, liquids; comparison	2.1	Comparison of solids, liquids, gases	Anim./:07
glacier covering North America	*5.5*	*Glacier covering North America*	*S*
glider ride, illus. convection currents	4.1	Glider ride	Movie/:58
globe, N. America, 30° N latitude	*4.3*	*Globe; North America; 30° North latitude*	*S*
globe; Africa; 30° North latitude	*4.3*	*Globe; Africa; 30° N latitude*	*S*
H			
hailstone cross-section	*3.1*	*Hailstone cross section*	*S*
cross-section of (big)	*3.1*	*Large hailstone cross section*	*S*
growing	3.1	Hailstone growing	Anim./:20

Image Description		Event Title on DVD Menu	Image Type
hailstone, close-up	3.1	Hailstones close up	Movie/:20
hailstorm	3.1	Hailstorm	Movie/:30
driving through	5.2	Driving through hailstorm	Movie/2:00
hair hygrometer	5.5	Hair hygrometer	2-Step/Zoom
heat	**IG2**	**heat**	**IG**
conductors/insulators	2.2	Metal skillet with insulated handle; water boiling	Movie/:10
effects on, Earth orbits sun	2.1	Earth revolving around sun	Anim./:15
heating, if Earth not tilted; 2-D,	2.1	Earth not tilted on its axis; 2-D Earth	Anim./:10
with Earth tilted 23° on its axis	2.1	Earth tilted 23 degrees on its axis	Anim./:10
high meets low air mass	4.1	U.S. Map; H air mass meeting L air mass	Anim./:10
human eyes, as weather instruments	1.1	Human eyes	Movie/:05
humidity	**IG2**	**humidity**	**IG**
effects on human hair	*2.3*	*Curly hair*	*S*
hurricane	**IG5**	**hurricane**	**IG**
Hurricane Bonnie, CAT scan of	5.2	Hurricane CAT scan	Movie/:20
Hurricane Opal, chasing	5.3	Chasing Hurricane Opal	Movie/1:33
diameter of	*5.2*	*Hurricane diameter*	*S*
height of	*5.2*	*Hurricane height*	*S*
overhead view of	5.2	Overhead view of hurricane	Movie/Narr./:15
forming, moving; satellite image	5.2	Satellite images of hurricanes forming and moving	Movie/Narr./:15
chasing Hugo and Gilbert	5.3	Chasing Hurricanes Hugo and Gilbert	Movie/Narr./2:35
form; satellite time-lapse	5.2	Hurricanes forming in the east Atlantic and moving west	Movie/Narr./:25
paths of land falling	5.3	Paths of hurricanes that have made landfall	Movie/:20
probability of landfall by area	*5.2*	*Likelihood of a hurricane making landfall*	*S*
Saffir-Simpson Scale	*5.2*	*Categories of hurricanes*	*S*
storm surge	5.3	Storm surge	Movie/Narr./1:28
typhoons, cyclones; where form	*5.2*	*Locations of hurricanes, typhoons, cyclones*	*S*
hygrometer	**IG5**	**hygrometer**	**IG**
I			
instruments, weather			
aerovane	*5.4*	*Aerovane*	*S*
anemometer	1.1	Anemometer	Movie/:04
anemometer	5.4	Anemometer	Movie/:05
anemometer	**IG1**	**anemometer**	**IG**
barometer	1.1	Barometer	2-Step/Zoom
barometer	**IG1**	**barometer**	**IG**
display	*5.3*	*Barometer display*	*S*
aneroid	**IG5**	**barometer, aneroid**	**IG**
aneroid, how it works	*5.4*	*How an aneroid barometer works*	*S*
aneroid, pictured	*5.4*	*Aneroid barometer*	*S*
falling, as shown on TV news	*5.4*	*Falling barometer*	*S*
mercury, how it works	5.4	How a mercury barometer works	2-Step/Zoom
mercury, labeled diagram	*5.4*	*How a mercury barometer works*	*S*
rising, as shown on TV news	*5.4*	*Rising barometer*	*S*
steady, as shown on TV news	*5.3*	*Steady barometer*	*S*
hair hygrometer	5.5	Hair hygrometer	2-Step/Zoom
human eyes	1.1	Human eyes	Movie/:05
hygrometer	**IG5**	**hygrometer**	**IG**
rain gauge	1.1	Rain gauge	2-Step/Zoom
slide rule calculator	5.5	Slide rule calculator for psychrometer	2-Step/Zoom
thermometer	1.1	Thermometer	2-Step/Zoom
thermometer	**IG1**	**thermometer**	**IG**
wet-, dry-bulb psychrometer	5.4	Wet- and dry-bulb psychrometer	2-Step/Zoom
wind vane	5.4	Wind vane	Movie/:10
ionosphere, layer of atmosphere	*1.4*	*Radio signals bouncing off ionosphere*	*S*
radio signal bouncing off of	*1.4*	*Radio signals bouncing off ionosphere*	*S*
L			
layers of atmosphere, unlabeled	*1.2*	*Layers of Earth's atmosphere*	*S*
Leonids meteor storm	1.4	Leonids meteor storm	Movie/Narr./:35

Image Description		Event Title on DVD Menu	Image Type
light (ultraviolet)	**IG1**	**light (ultraviolet)**	**IG**
lightning; anvil-crawler	5.1	Lightning; anvil-crawler	Movie/:15
wildfires started by lightning, from shuttle	5.5	California wildfires	Movie/:30
liquid	**IG2**	**liquid**	**IG**
liquids, solids, gases; comparison of	2.1	Comparison of solids, liquids, gases	Anim./:07
M			
M&M's candy, illus. atmosphere	*1.2*	*Cross-section of an M&M's candy*	*S*
map; air mass types	*3.3*	*North America Map; air mass types*	*S*
map; cold, dry air masses indicated	*3.2*	*North America Map; cold, dry air*	*S*
map; cool, moist air masses indicated	*3.2*	*North America Map; cool, moist air*	*S*
map; named air masses	*3.3*	*North America Map; named air masses*	*S*
map; warm, dry air	*3.2*	*North America Map; warm, dry air*	*S*
map; warm, moist air masses indicated	*3.2*	*North America Map; warm, moist air*	*S*
mare's-tail shape	*2.4*	*Mare's tail shape*	*S*
mass, air	**IG3**	**mass, air**	**IG**
matter	**IG3**	**matter**	**IG**
melanoma, from UV radiation	*1.3*	*Melanoma*	*S*
mesosphere	**IG1**	**mesosphere**	**IG**
labeled illustration	*1.3*	*Mesosphere*	*S*
middle layer of atmosphere	*1.4*	*Atmosphere; mesosphere*	*S*
meteor storm, Leonids	1.4	Leonids meteor storm	Movie/Narr./:35
meteorologist	**IG1**	**meteorologist**	**IG**
at work	1.2	Meteorologists at work	Movie/:30
meteorology	**IG5**	**meteorology**	**IG**
Miami tornado	1.1	Miami, May 12, 1997	Movie/Narr./:55
mixture	**IG1**	**mixture**	**IG**
molecule	**IG1**	**molecule**	**IG**
Mount Pinatubo erupting	5.5	Mount Pinatubo Volcano erupting	Movie/:15
N			
nitrogen, percent in atmosphere	1.2	Pie chart showing composition of Earth's atmosphere	Anim./:08
North America map, Mercator	*3.2*	*North America Map; Mercator projection*	*S*
O			
oxygen	**IG1**	**oxygen**	**IG**
oxygen and carbon atoms, joining to form CO2	2.1	Carbon and oxygen atoms joining	Anim./:18
percent in atmosphere	1.2	Pie chart showing composition of Earth's atmosphere	Anim./:08
ozone	**IG1**	**ozone**	**IG**
levels in atmosphere	1.3	TOMS data showing ozone levels in the atmosphere	Anim./:14
chemical reaction leading to	1.3	CFC molecules breaking into chlorine atoms	Anim./:25
interaction with CFC	1.3	CFC molecules breaking into chlorine atoms	Anim./:25
UV rays absorbed by	1.3	UV rays absorbed by ozone layer in stratosphere	Anim./:10
P			
particles causing aurora	1.4	Particles leaving sun and causing aurora	Anim./:38
particles in atmosphere, moving	1.2	Particles in Earth's atmosphere	Anim./:16
pie chart; atmosphere	1.2	Pie chart showing composition of Earth's atmosphere	Anim./:08
polar, equatorial regions	*2.2*	*Sun's rays striking polar and equatorial regions*	*S*
precipitation	**IG1**	**precipitation**	**IG**
pressure, air	**IG3**	**pressure, air**	**IG**
R			
radiant energy from sun	2.1	Radiant energy from sun	Anim./:12
radiation	**IG1**	**radiation**	**IG**
from sun's rays striking Earth	2.1	Radiation from sun striking Earth's atmosphere	Anim./:15
radio signal, bouncing off ionosphere	*1.4*	*Radio signals bouncing off ionosphere*	*S*
rain	3.1	Rain	Movie/:05
rain gauge	1.1	Rain gauge	2-Step/Zoom
rainforest scene	*4.3*	*Rainforest scene*	*S*
review (mini #1)	*2.2*	*Mini-review*	*S*
Weather is mostly in troposphere	*2.2*		

Image Description		Event Title on DVD Menu	Image Type
Air in troposphere, cools at altitude	*2.2*	*Mini-review (continued)*	*S*
Conduction, convection warm air	*2.2*		
review (mini #2)	*3.2*	*Mini-review*	*S*
Weather is mostly in troposphere	*3.2*		
Earth is tilted on axis; warmed unevenly by sun	*3.2*		
review (mini #2 continued)	*3.2*	*Mini-review continued*	*S*
Weather is mostly in troposphere	*3.2*		
Earth is tilted on axis; warmed unevenly by sun	*3.2*		
Convection moves air through atmosphere	*3.2*		
Water cycle circulates water through atmosphere	*3.2*		
review slide	*5.1*	*WHAT YOU KNOW*	*S*
Why we have weather	*5.1*		
Air masses move	*5.1*		
Where air masses move, and why	*5.1*		
S			
Saffir-Simpson scale	*5.2*	*Categories of hurricanes*	*S*
satellite images, clouds across U.S.	4.2	Satellite images of clouds moving across U.S.	Movie/:20
satellite images, time-lapse	4.1	Satellite images of weather; time-lapse	Movie/:20
saturated air	2.3	Saturated air	Anim./:10
sleet/freezing rain	3.1	Sleet/freezing rain	Movie/:05
slide rule calculator	5.5	Slide rule calculator for psychrometer	2-Step/Zoom
snow	3.1	Snow	Movie/:05
solid	**IG2**	**solid**	**IG**
solids, liquids, gases; comparison of	2.1	Comparison of solids, liquids, gases	Anim./:07
steam, illustrated with tea kettle	2.3	Kettle with steam	Movie/:10
storm chasers, meet Jim Leonard	5.1	Meet Jim Leonard	Movie/Narr./:45
storm surge	5.3	Storm surge	Movie/Narr./1:28
stratosphere	**IG1**	**stratosphere**	**IG**
labeled illustration	*1.2*	*Stratosphere*	*S*
with troposphere, labeled	*1.4*	*Troposphere and stratosphere*	*S*
with temperature overlay	*1.2*	*Stratosphere temperatures*	*S*
stratus cloud	**IG2**	**stratus cloud**	**IG**
pictured and labeled	2.5	Stratus clouds	Movie/:07
strong wind blowing	4.1	Strong wind blowing	Movie/:05
summer thunderstorm	5.1	Summer thunderstorm	Movie/:40
sun	*1.3*	*Sun*	*S*
sun	2.1	Sun	Movie/:13
sun's rays warm equator	2.2	Sun's rays warming equatorial region	Anim./:10
sunscreen	*1.3*	*Sunscreen; SPF 25*	*S*
sunset, time-lapse	5.5	Sunset	Movie/:10
surface materials, heating of various	*3.2*	*Various surface materials*	*S*
T			
temperature	**IG5**	**temperature**	**IG**
temps water freezes, boils	*5.3*	*Temperature at which water freezes and boils*	*S*
thermometer	1.1	Thermometer	2-Step/Zoom
thermometer	**IG1**	**thermometer**	**IG**
Fahrenheit and Celsius	*5.3*	*Fahrenheit and Celsius thermometers*	*S*
thermosphere	**IG1**	**thermosphere**	**IG**
navigation by astronauts	1.4	Shuttle astronauts during an EVA	Movie/:32
layer of atmosphere	*1.4*	*Atmosphere; thermosphere*	*S*
thunderstorm	**IG5**	**thunderstorm**	**IG**
observed from shuttle	5.1	Thunderstorm activity observed from the space shuttle	Movie/:10
tornado	**IG5**	**tornado**	**IG**
Tornado Alley, on U.S. map	*5.1*	*U.S. map; Tornado Alley*	*S*
damage from	5.1	Tornado damage	Movie/:30
goes through town	5.1	Tornado moving through a town	Movie/:45
Miami	1.1	Miami, May 12, 1997	Movie/Narr./:55
Texas	5.1	Texas tornado	Movie/Narr./:60
troposphere	**IG1**	**troposphere**	**IG**
troposphere, labeled illustration	*1.2*	*Troposphere*	*S*

Image Description		Event Title on DVD Menu	Image Type
with stratosphere, labeled	*1.4*	*Troposphere and stratosphere*	*S*
with temperature overlay	1.2	Troposphere temperatures	2-Step/Zoom
U			
ultraviolet (light)	**IG1**	**ultraviolet (light)**	**IG**
UV rays absorbed by ozone	1.3	UV rays absorbed by ozone layer in stratosphere	Anim./:10
W			
water cycle	*3.1*	*Water cycle*	*S*
water cycle	**IG3**	**water cycle**	**IG**
water cycle	3.2	Water cycle	Movie/Narr./:30
water droplets form	2.3	Microscopic water droplets form	Movie/Narr./:25
water drops evaporate, explained	2.3	Microscopic water droplets evaporate	Movie/Narr./:20
water, in three states	*5.3*	*Water in three states*	*S*
water vapor	**IG1**	**water vapor**	**IG**
column, computer image	*4.2*	*Mercator projection; water vapor column*	*S*
weather	**IG1**	**weather**	**IG**
weather instruments			
aerovane	*5.4*	*Aerovane*	*S*
anemometer	1.1	Anemometer	Movie/:04
anemometer	5.4	Anemometer	Movie/:05
anemometer	**IG1**	**anemometer**	**IG**
barometer	1.1	Barometer	2-Step/Zoom
barometer	**IG1**	**barometer**	**IG**
display	*5.3*	*Barometer display*	*S*
aneroid	**IG5**	**barometer, aneroid**	**IG**
aneroid, how it works	*5.4*	*How an aneroid barometer works*	*S*
aneroid, pictured	*5.4*	*Aneroid barometer*	*S*
falling, as shown on TV news	*5.4*	*Falling barometer*	*S*
mercury, how it works	5.4	How a mercury barometer works	2-Step/Zoom
mercury, labeled diagram	*5.4*	*How a mercury barometer works*	*S*
rising, as shown on TV news	*5.4*	*Rising barometer*	*S*
steady, as shown on TV news	*5.3*	*Steady barometer*	*S*
hair hygrometer	5.5	Hair hygrometer	2-Step/Zoom
human eyes	1.1	Human eyes	Movie/:05
hygrometer	**IG5**	**hygrometer**	**IG**
rain gauge	1.1	Rain gauge	2-Step/Zoom
slide rule calculator	5.5	Slide rule calculator for psychrometer	2-Step/Zoom
thermometer	1.1	Thermometer	2-Step/Zoom
thermometer	**IG1**	**thermometer**	**IG**
wet-, dry-bulb psychrometer	5.4	Wet- and dry-bulb psychrometer	2-Step/Zoom
wind vane	5.4	Wind vane	Movie/:10
weather montage	2.3	Sunny, rainy, snowy, foggy montage	Movie/:15
Sunny, rainy, snowy, foggy	2.3		
weather scenes	1.1	Various weather scenes	Movie/:19
clear and sunny	1.1	Various weather scenes	
clouds moving	1.1	Various weather scenes	
rain	1.1	Various weather scenes	
snow	1.1	Various weather scenes	
weather, quotation	*5.3*	*Weather quotation*	*S*
weather; time-lapse of clouds	3.3	Weather changing; time-lapse	Movie/:10
weather, what is?	*1.1*	*What is weather?*	*S*
wet-, dry-bulb psychrometer	5.4	Wet- and dry-bulb psychrometer	2-Step/Zoom
What is climate?	*1.1*	*What is climate?*	*S*
What is weather?	*1.1*	*What is weather?*	*S*
wildfires, from shuttle (California)	5.5	California wildfires	Movie/:30
wind vane	5.4	Wind vane	Movie/:10
wind, strong	4.1	Strong wind blowing	Movie/:05
windy scene	2.1	Windy scene	Movie/:14
world map	*3.3*	*World map*	*S*
world map, labeled high & low air	*3.3*	*World map with air masses*	*S*