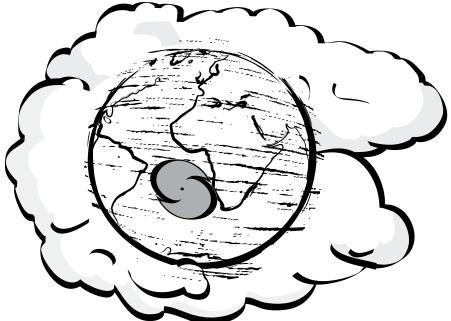


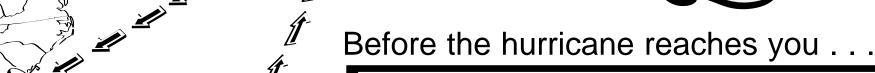
# HUMPENES

The air that surrounds our planet weights 5,000,000,000,000,000 (5 quadrillion) tons! That's 13,700,000,000 (13 billion, 700 million) Empire State Buildings!

Air is moving all the time—swirling, blowing, sinking, rising. In summer and early fall, great masses of air move over the warm oceans. The oceans get hot, pick up lots of water and start swirling, blowing, sinking and rising.

A hurricane is born. If the hurricane moves toward the shore, powerful winds, high tides and flooding could wipe out cities, towns, farms and schools.

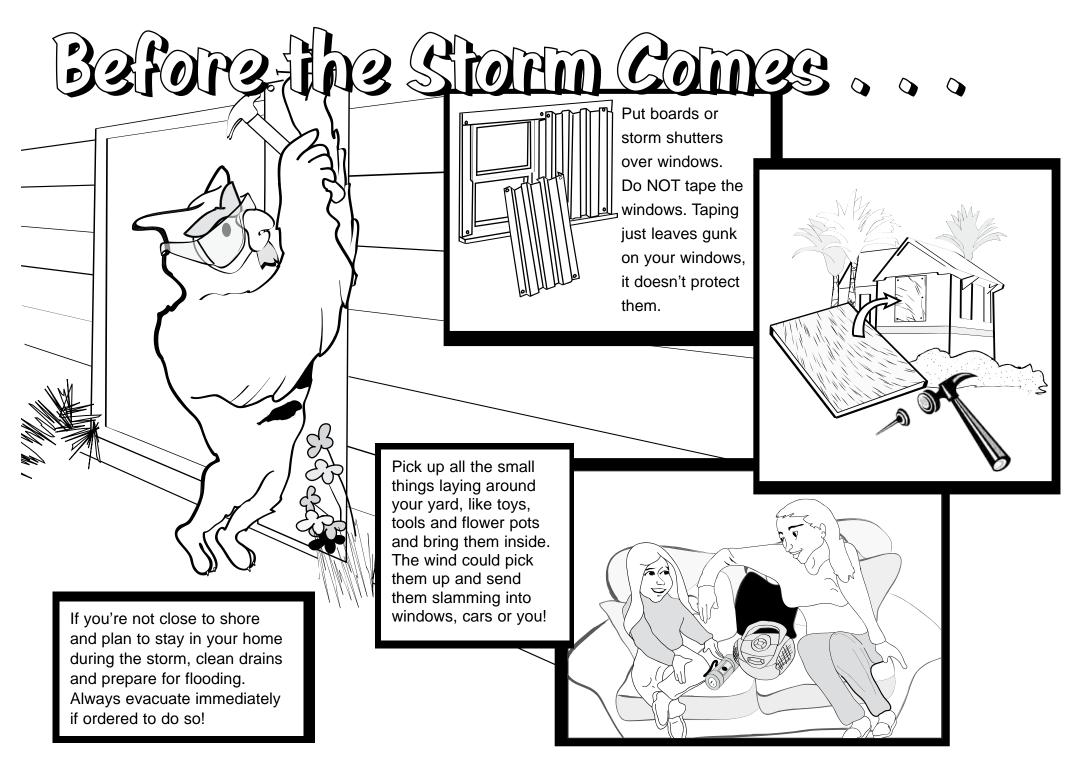




Long before a hurricane hits land, the National Weather Service knows about it. Satellites have taken pictures of the storm and computers have calculated where it is going.

Hurricane Hunter airplanes fly into the storm and report more exact measurements. As it comes closer to land, special weather radars track the hurricane.

Radio, television and more than 1000 NOAA Weather Radio stations warn people about the hurricane. It may reach land. Get ready!

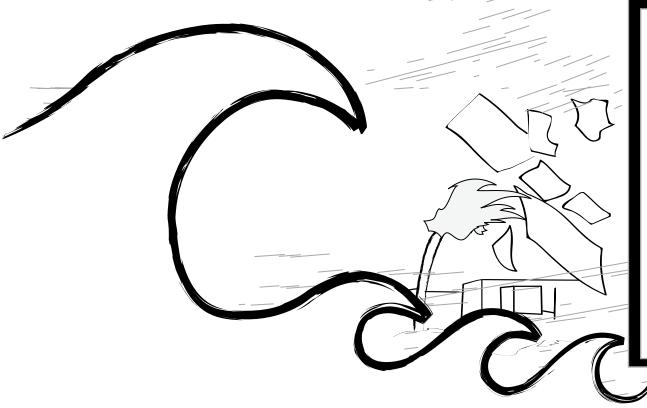


When National Weather Service meteorologists decide a storm might reach land within 2 days, they issue a Hurricane Watch. In the western North Pacific, hurricanes are called typhoons. Both have a well-defined circulation and sustained winds over 73 miles per hour. A Watch tells people who live or work near the coast that the hurricane will likely impact them. The National Weather Service works together with emergency managers and the news media. We will tell you what is happening. Stay tuned!

### **Hurricane Warning**

When the National Weather Service puts out a Hurricane Warning for your area, it means the storm is likely to generate winds more than 73 miles per hour! That's hard enough to blow down trees and other big objects that could hit you or your home. Ouch! A Warning also means dangerous high water, coastal flooding and very rough seas are expected. Hurricanes also create lots of thunderstorms with deadly lightning and even some tornadoes. You definitely need to seek safe shelter during a hurricane. Listen to what the emergency managers in your state are advising. They might tell you to get away from the coast and inland to safety.

## Est out when you are told.



When the hurricane hits, the sea may rise as high as 25 feet above normal high tide! That is taller than six kids standing on each other's shoulders!

This extreme coastal flooding due to hurricanes is called the storm surge. The surge can sink boats, destroy piers and damage buildings. Many people who die during a hurricane drown from inland flooding—not due to the high winds.

In a major hurricane, wind speed may be more than 150 miles per hour! Trees are blown down and houses can be damaged. Windows in buildings are blown out. Watch out for flying debris!

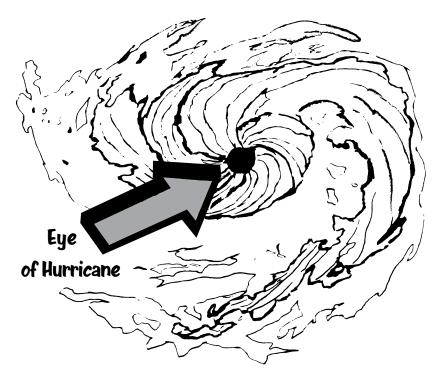
It rains hard in hurricanes. Slow moving storms produce more rain. There may be flooding hundreds of miles from the coast due to heavy rain.

### When the Hurricane Comes . . .

Stay safe by staying indoors. Falling trees, flying debris, downed power lines, flooded roads—it is just not safe to be outdoors. Any decision to evacuate the coast should be made well in advance of the storm's arrives. Follow the guidance of the emergency managers in your area.

Beware of the eye of the hurricane. A hurricane is a big doughnut of wind with a calm section at the middle.

- The whole hurricane can be 300 miles across. The calm center may last from a few minutes to an hour.
- The sun may even come out in the eye and you might think the storm is over. But it isn't. As the hurricane moves on, winds will blow just as hard, but from the opposite direction.



Have flashlights, a radio, and extra batteries in case you lose electricity. A first aid kit also is important to have on hand. Visit http://www.ready.gov/america/getakit/index.html for more information.



### Hurricanes and

Tropical Storms can kill. Don't be caught by one!

Ensure you have enough water and food stocked up. Water—1 gallon per person, per day (2 week supply for home). Food—2 week supply of non-perishable food. And don't

And don't forget food and water for your pets!

Get out of its way.
Go inland. Do it
immediately!



If you ever see a big, black cloud with a funnel shaped cloud beneath it, watch out. It could be a tornado.

A tornado looks like a funnel with the fat part at the top. Inside winds may swirl up to 200 miles an hour.

If it goes through a town, the tornado could flatten homes and buildings, throw cars and trucks through the air and shatter mobile homes into splinters.

It could just hit your home and leave your neighbor's home alone or could destroy an entire town.

Sometimes you don't see the funnel first. It may be raining too hard. Or the tornado may come at night. Listen for the tornado's roar—it sounds like 1,000 trains coming!

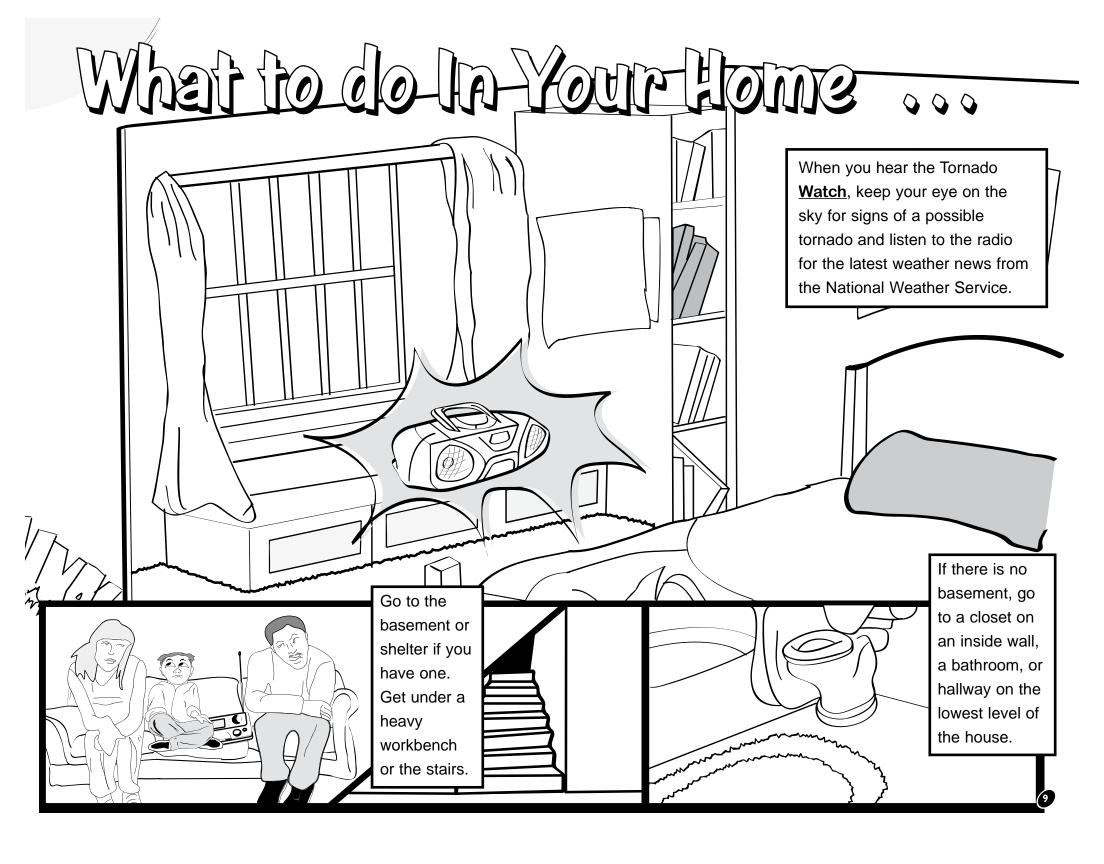
#### **Tornado Watch**

The National Weather Service forecasts that a tornado MAY develop later. The sky may be clear at the time you hear the Watch. Don't be fooled. Listen to the radio for the latest news and get to safety.

#### **Tornado Warning**

When someone has seen a tornado or radar detects one, the NWS issues a **Warning**. The tornado may be moving toward you! Dark clouds swirl in the sky. There may be thunder, lightning, heavy rain or hail. When you see large hail, you may be close to a tornado. Power may go off. You should already be inside!

min





#### Outside . . .

- Immediately seek shelter in a nearby sturdy building, shelter or basement.
- If you're caught outside, crouch low in a ditch or crouch near a strong building.
- · Cover your head with your hands.

#### In a car or truck...

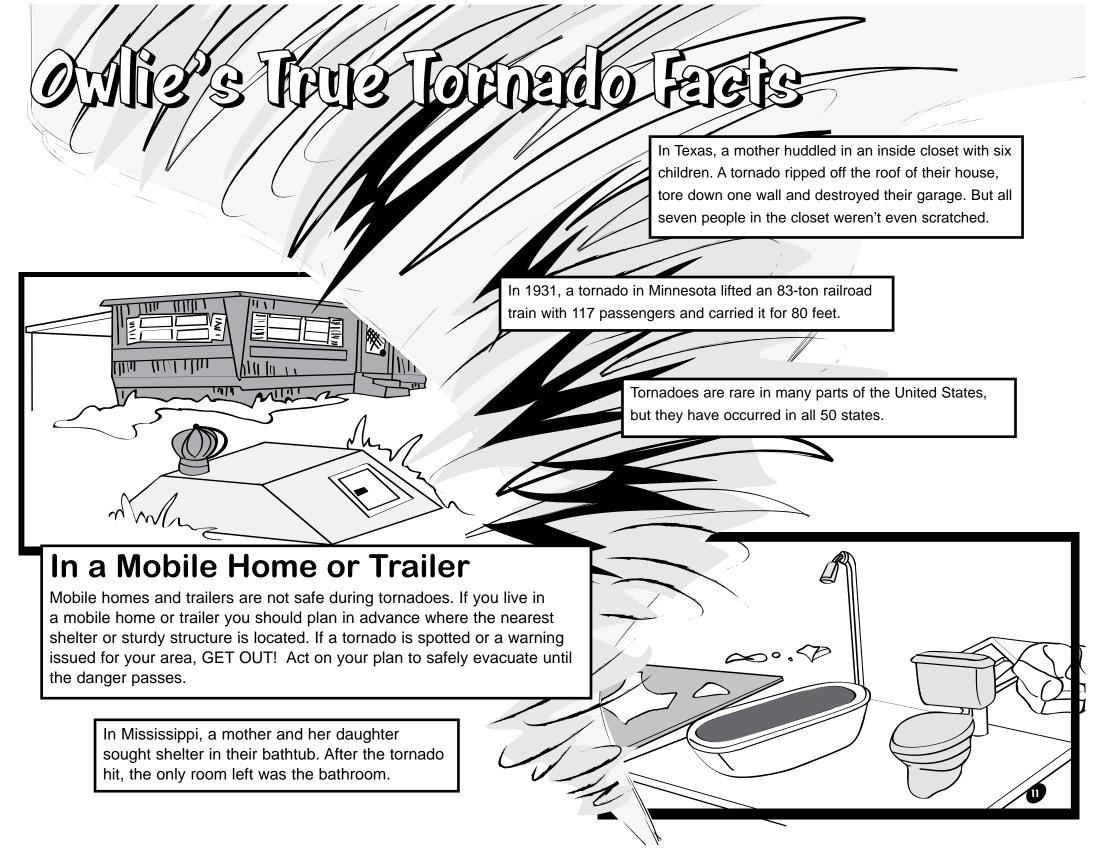
- Immediately go to a nearby sturdy building, shelter or basement.
- If flying debris occurs while you are driving, pull over and park. Now you have the following options as a last resort:
- Stay in the car with the seat belt on. Put your head down below the windows, covering with your hands and a blanket if possible.
- If you can safely get noticeably lower than the level of the roadway, exit your car, and lie in that area, covering your head with your hands.
- If you can safely get noticeably lower than the level of the roadway, exit your car, and lie in that area, covering your head with your hands.
- Your choice should be driven by your specific circumstances.

Follow directions from your teachers.

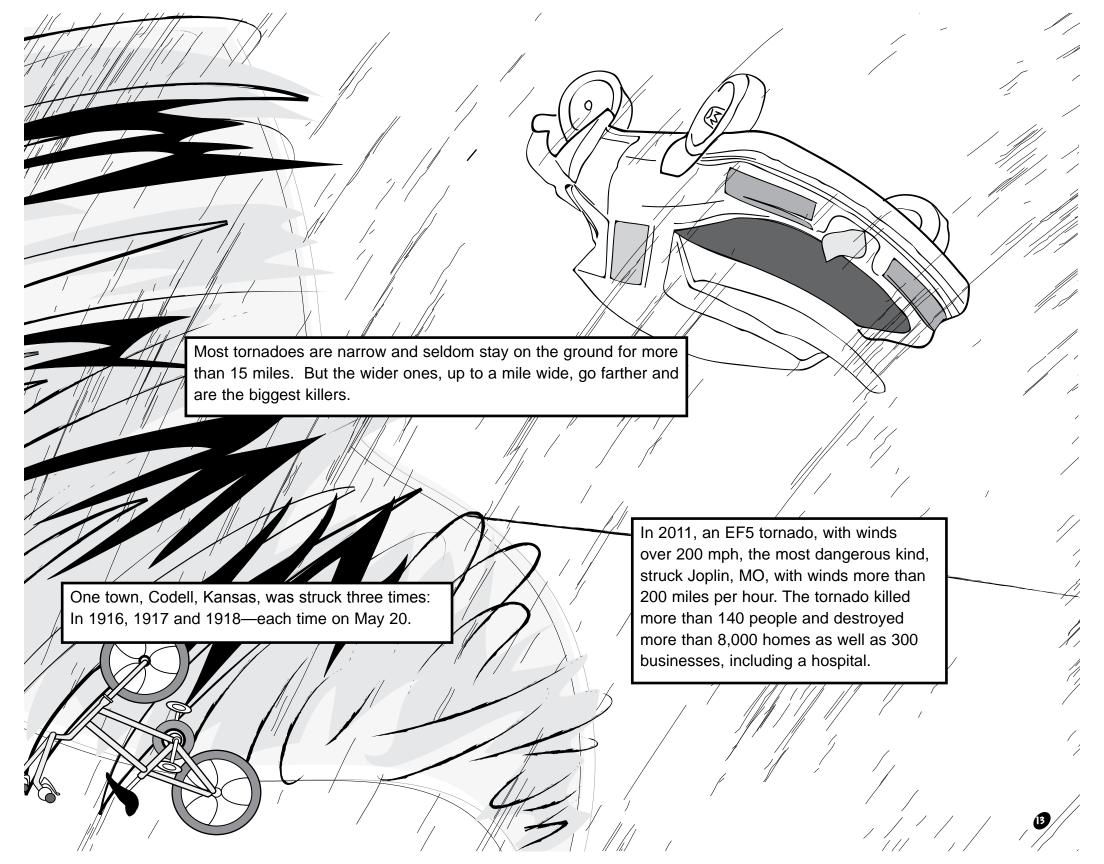
- Go to an inside hall on the lowest floor.
- Crouch near the wall. Bend over and put your hands on the back of your head.
- Keep away from glass windows and stay out of big rooms like the gym, cafeteria or auditorium.
- Listen to NOAA Weather Radio or a battery powered radio for warnings.

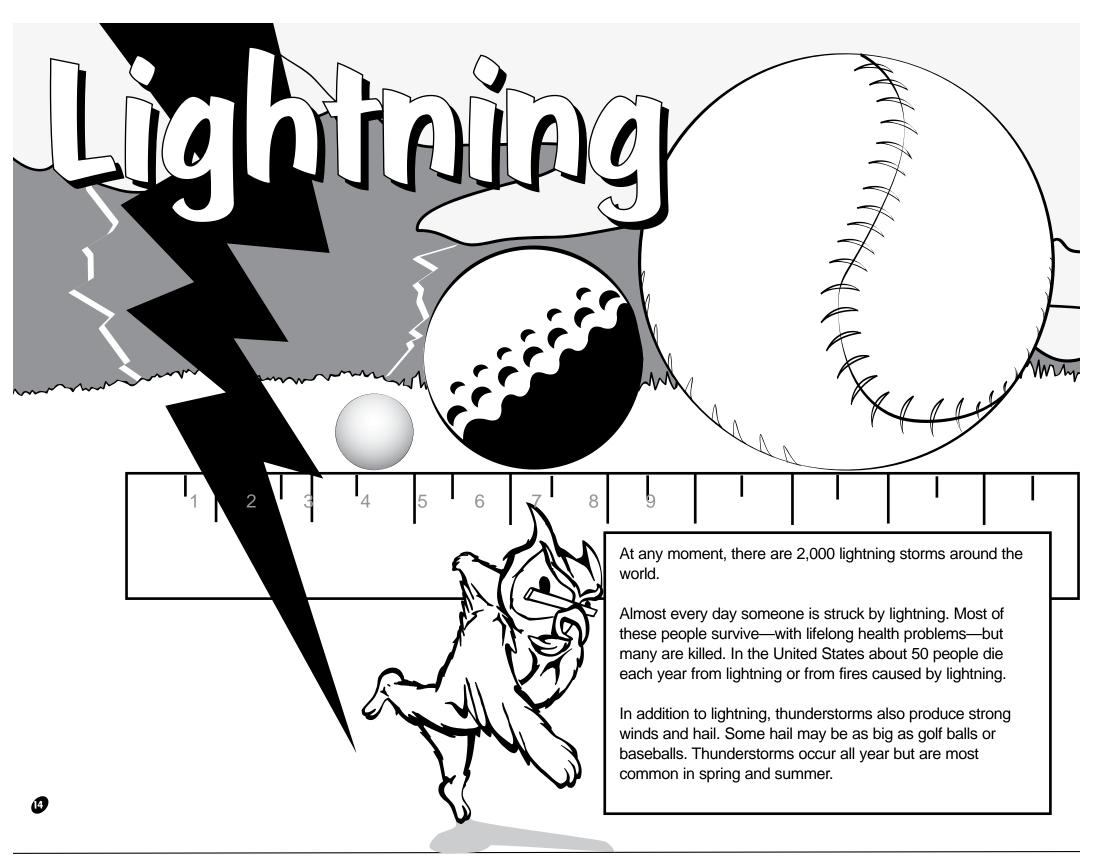
And remember, when there's a tornado there can be a lot of lightning. Stay away from anything metal—faucets, radiators, metal sinks and tubs.

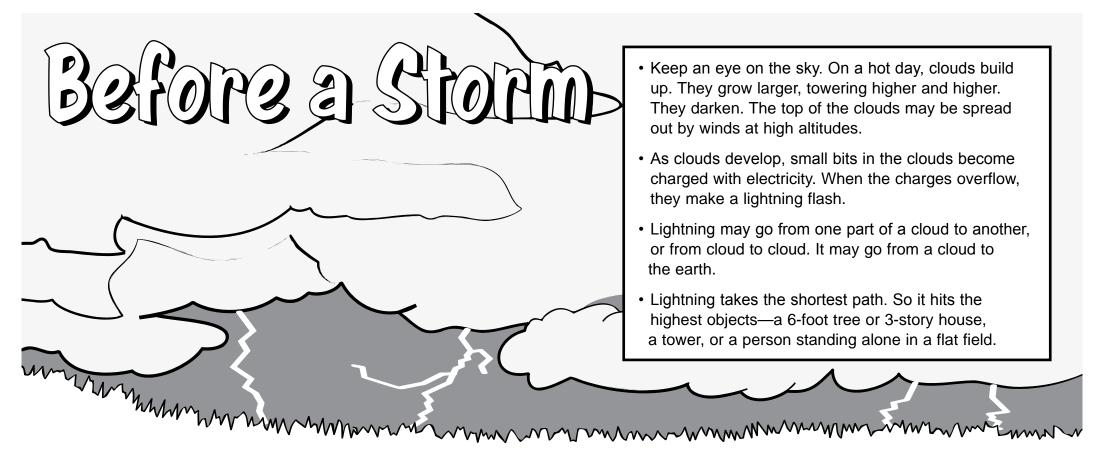
Tornadoes are scary. They pack a lot of energy, enough to blow down a whole town! But you can live through a tornado. Be smart. Know what to do and do it!



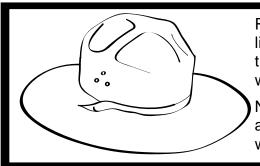






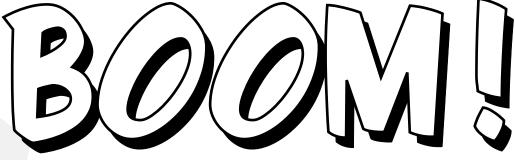


### Lightning may hit the same place or person several times.



Ray Sullivan, a retired National Park Ranger, was hit 7 times by lightning. He has been knocked down, picked up and thrown into the air. He has lost his shoes and a toenail, and he can't hear as well, but at least he's still alive.

Now he lives in a mobile home with lightning rods on each end and lightning rods on trees around his home. Hopefully, lightning will follow the rods and leave Ray alone.



Thunder and lightning occur at the same time. It just seems like you see the lightning first because light moves faster than sound.

As soon as you see lightning, count the seconds until you hear the thunder. If you count 5 seconds, the lightning was about a mile away. Sound goes about 1000 feet a second. In the metric system, if you count three seconds to hear thunder, the storm is about a kilometer away.

If you see lightning and hear thunder at just about the same moment, watch out. The storm is right above you.

Lightning is a killer. It strikes people directly. It also starts fires that kill many people and animals.

Sometimes when it's stormy, you don't see any streaks of lightning, but the sky lights up occasionally. It means the storm is very far away, too far for you to see the streaks, and perhaps so far you don't hear any thunder either.

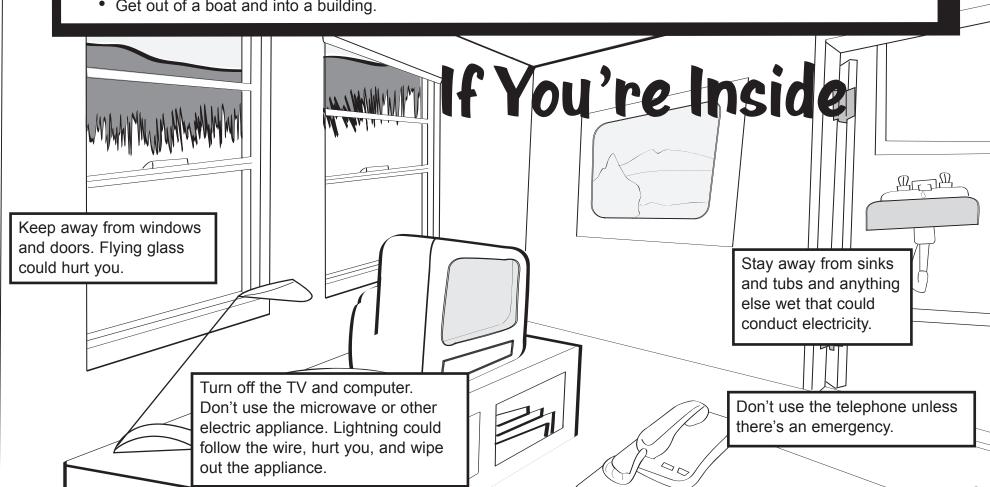
Lightning can do strange things like make a tree explode. Lightning heats the sap in the tree trunk. The sap changes to steam. The steam expands and blows up the tree. In a herd of cows, one of a dozen might be struck. The others may be untouched. Lightning can also kill a whole herd.

### What To Do When There is Lightning

- Get into your home or a large building.
- Get inside a hard-topped car.
- If you are in a field, crouch on your knees and bend over. Don't lie down because wet ground can carry electricity.
- If you are in water, get out. Get away from the beach.

### If You are Outside

- If outside, stay in the open, not under a tree or in a picnic shelter or shed. It's better to get wet than fried!
- Lightning hits the tallest object.
- Move away from anything made of metal like a framed backpack. Metal draws electricity.
- Get to the lowest point possible if you are on a hill or mountain.
- Get out of a boat and into a building.



# Floods and Flash Floods

Flash floods are fast moving water that can sweep you or your car away in seconds.



Floods are too much water on normally dry land. Rivers can flood after heavy rain has fallen over a long period of time. River flooding can last weeks or longer. River floods usually occur slowly enough to allow people to move to safety.

Flooding can occur anytime of the year. Some floods are seasonal, when winter or spring rains combine with melting snows and fill rivers with too much water quickly. Other floods are associated with hurricanes and tropical storms in the summer and fall.

Whenever it rains heavily, there may be flash floods. Flash floods occur in mountain streams, canyons or dry washes. They also happen on low spots in cities and suburbs.

Flash floods can occur even though it's not raining where you are. It may be raining so hard upstream that water cannot sink into the ground. Water rushes down to the stream, which fills up past its banks and overflows.

A flash flood may come at you like a high wall of water. To save yourself and your parents, you need a plan.



and run. A flash flood can pick up cars, campers, vans and recreational vehicles and roll them downstream. It can tumble huge boulders, uproot trees and carry them away, wash out roads and tumble bridges like matchsticks.

# Stay Calm

### Campers

- If the weather forecast is for heavy rain, stay home.
- If you already have set up camp, stay alert. Listen to local stations on your battery powered radio.
- Watch for signs of rain—not only where you are but upstream.
- Plan ahead. Pick high ground for your camp. Also know how to get to even higher ground in an emergency. Check your escape route to make sure it's passable.
- Remember, seconds count. Flash floods move with lightning speed!

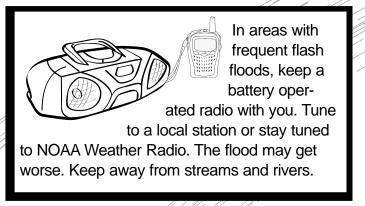
### When You Are Outside

- Keep out of storm drains, irrigation ditches, dry washes or other waterways. When it rains, the water can rush through too fast for you to escape.
- There will probably be lots of lightning. Go to higher ground, but stay off hilltops.
- Don't get under lone trees. Follow lightning safety guidelines.

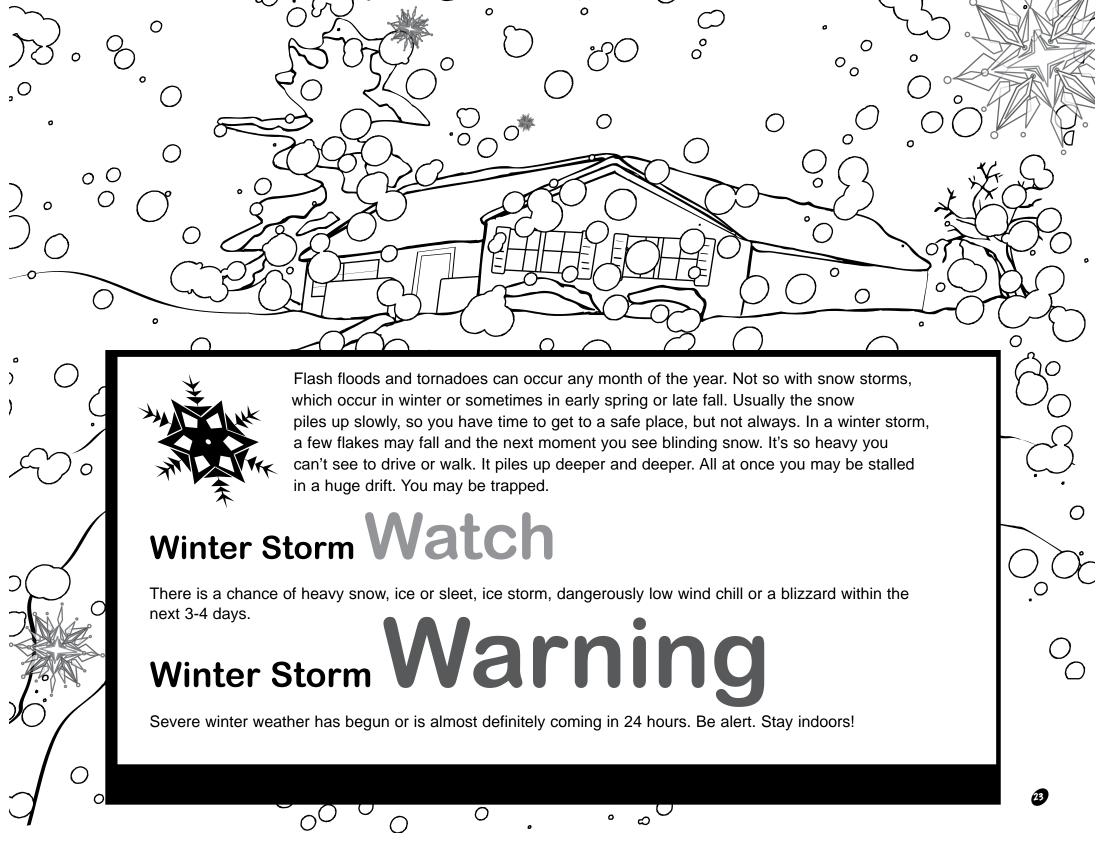




- Watch for flooding on bridges and low points in the road.
- Stay off bridges or roads under water. All of a sudden the bridge or the road could be washed out. They may not even be there under the water.
- If you are in a car, truck or other vehicle and become washed away by water, get out and swim to higher ground if you can.
- If you're riding in a car at night, be specially careful. If you drive into deep water, get out of your car. Climb to higher ground.
- If you're driving through canyon country along a stream and hear a Flash Flood Warning, leave your car and climb to higher ground. Don't try to outrun the flash flood.

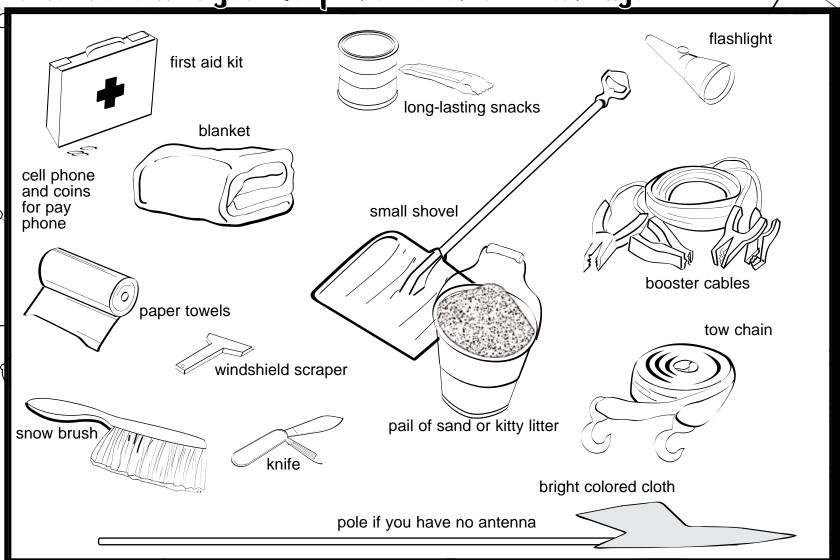






# CEPSEIGUIN MITE

Tell your parents to put these things in the trunk if you live somewhere that gets deep snow even occasionally:



24

00

### **If Your Car Gets Stuck**

- Tie a bright cloth to the antenna and raise it high so rescuers can find you.
- If your car has no antenna, use a pole or fishing rod.
- As you sit, exercise. Clap your hands, stomp your feet, swing your arms about. Keep your blood moving to keep warm. Don't leave the car.
- Run the car engine for 10 minutes every hour, keep windows opened a little bit to prevent carbon monoxide poisoning.
   Conserve gasoline and food. You may be stranded for a long time.
- Leave the ceiling light on at night so you can be seen.





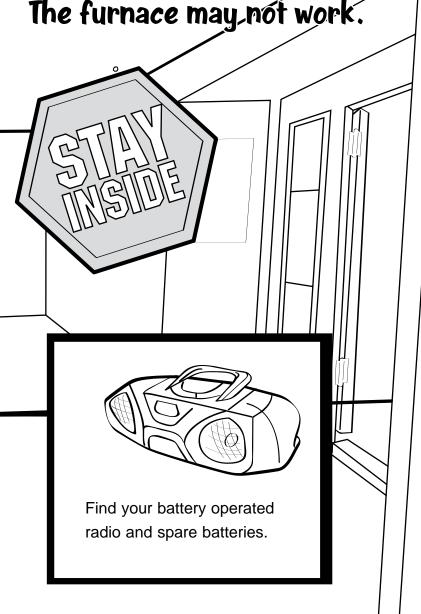




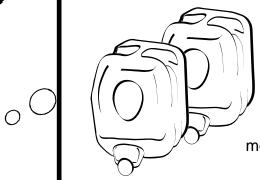


# What To Do If Your Patifications Electricity may go off. Have a way to cook and keep warm.

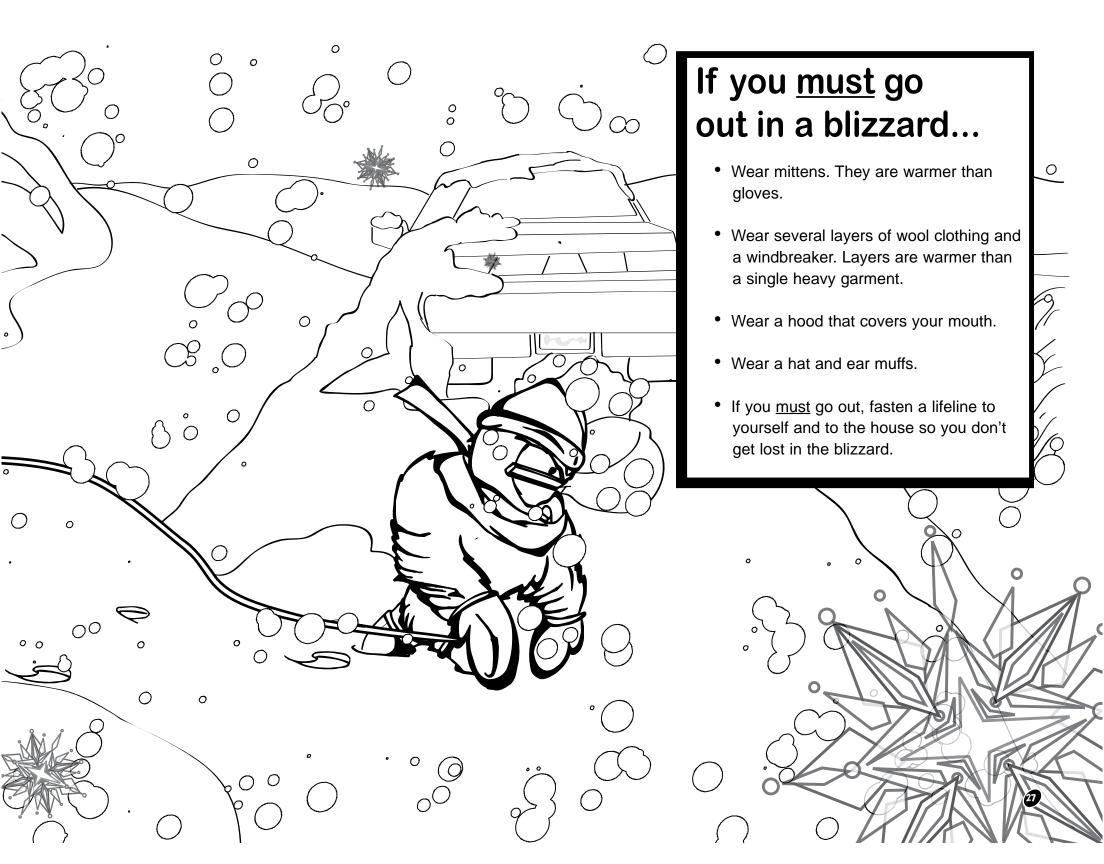
The furnace may not work.

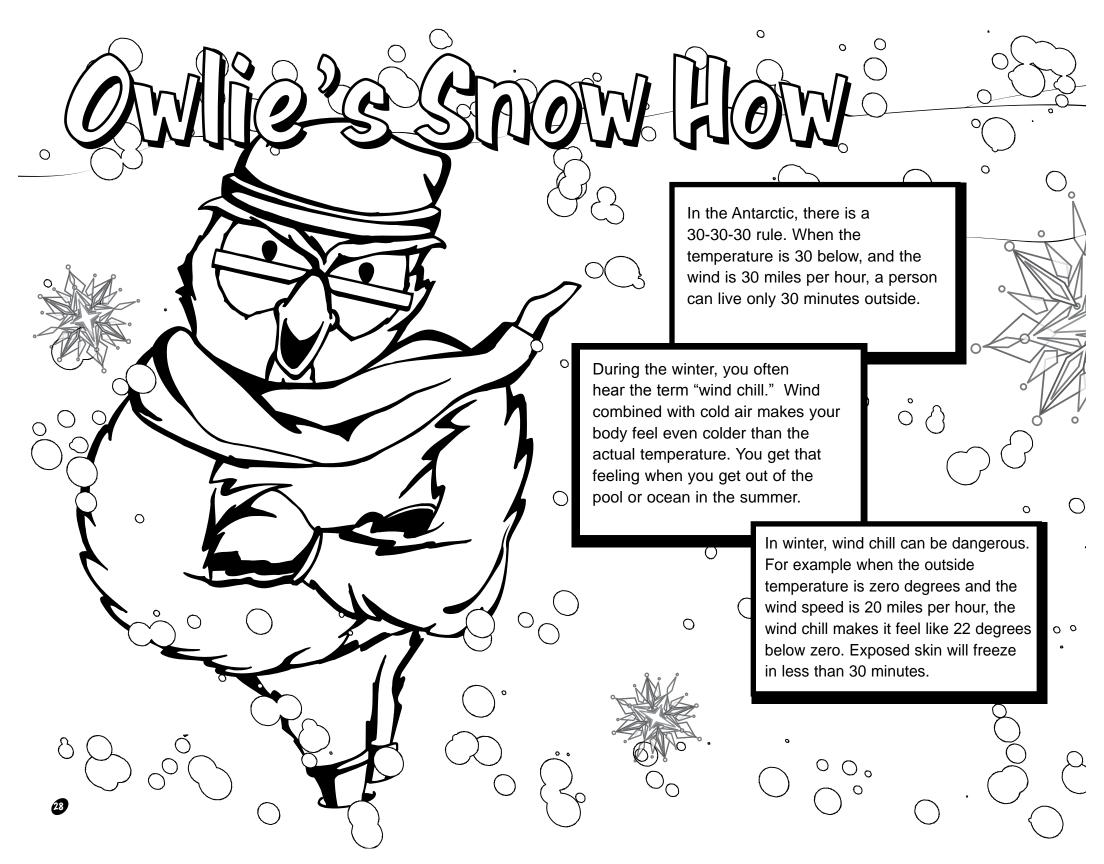


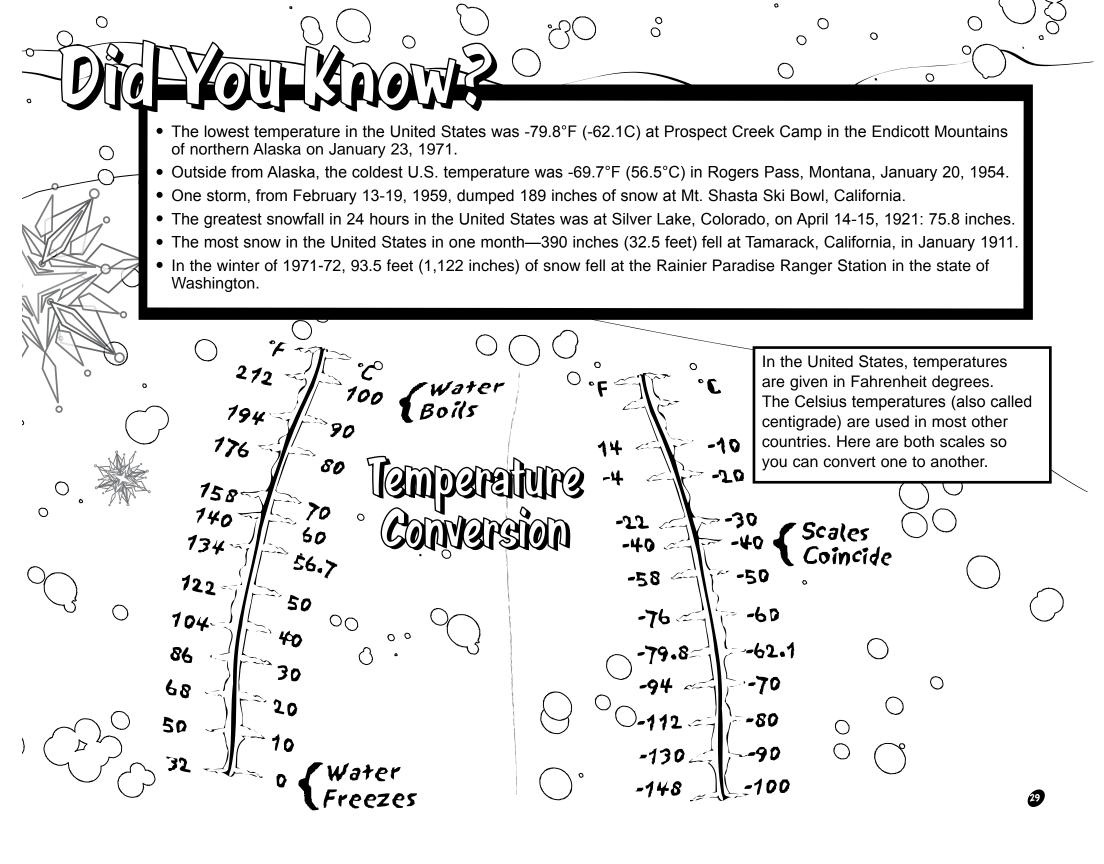
Have a supply of water, food and a flashlight.



Save and clean three large drink bottles or a large water container for each family member.







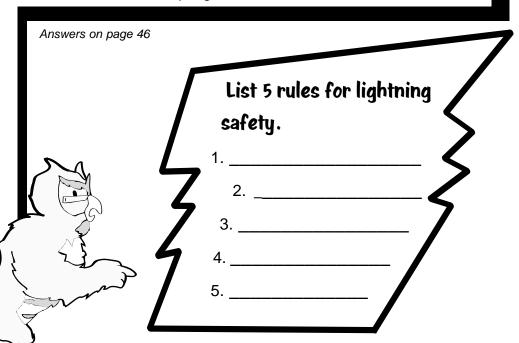
# Lightning Quiz

### Fill in the blank with the correct words. Use these words:

fire electricity explode shortest water tallest tree thunder corded telephone About 55 people \_\_\_\_ each year from lightning and the fires it causes. Don't use a unless there is an emergency. \_\_\_\_\_ and lightning occur together. 3. 4. Lightning can make a tree \_\_\_\_\_ by heating the sap in the tree. Lightning hits the \_\_\_\_\_ objects. Lightning takes the \_\_\_\_\_ path. When lightning forms, clouds become charged with If you are outside when there is lightning, don't go under a When lightning strikes, it can start a that kills people and animals. If you are in \_\_\_\_\_ get out. Stay away from the beach.

### Circle T (True) or F (False) for each sentence below.

- T F 1. When there is lightning, crouch under a tree.
- T F 2. When there is lightning, stay away from anything made of metal.
- T F 3. Stay by the window and watch for streaks of lightning.
- T F 4. In a storm, you usually see the lightning before you hear the thunder.
- T F 5. When the sky lights up, but you can't see the streaks of lightning, it means the storm is over.
- T F 6. When there is lightning, go to the highest spot on a hill and get out your umbrella for protection from the storm.
- T F 7. Every day someone is struck by lightning.
- T F 8. Lightning never strikes twice in the same place.
- T F 9. If there is lightning, call all your friends to make sure they are safe.
- T F 10. Lightning storms may occur in the winter but are most common in spring and summer.





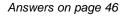
#### Fill in the blank with the correct words. Use these words:

snowdrift carbon monoxide winter antenna Watch mittens Warning layers kitty litter wind chill 1. A Winter Storm \_\_\_\_\_ means there is a chance of heavy snow or blizzards. 2. A Winter Storm \_\_\_\_\_ means severe winter weather is coming. 3. If a winter storm is expected you should have sand or \_\_\_\_\_\_, in your trunk in case your car gets stuck. 4. If a winter storm is expected, you should put a bright colored cloth on the \_\_so someone can find you. 5. If you keep your car engine running to keep warm, you could die from poisoning unless your windows are open to get fresh air. 6. If you go outside in severe weather, you will be warmer if you wear of wool clothing. \_\_\_\_\_ are warmer than gloves. 8. Snow storms and blizzards usually occur in \_\_\_\_\_ 9. The temperature your body feels when the actual temperature and wind are combined is called 10. If you are driving during a blizzard, your car could be stalled in a huge

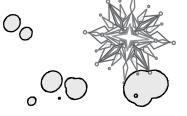
Make a list of supplies you should keep in your car to prepare for winter storms or blizzards.

### Circle T (True) or F (False) for each sentence below.

- T F 1. During a winter storm, you can be stuck in a snowdrift.
- T F 2. If your car is stuck in the snow, roll up all the windows and keep the engine running until you run out of gas.
- T F 3. If you are trapped in a car, move your hands and feet as much as possible to keep warm.
- T F 4. An umbrella should be a part of your winter storm safety kit.
- T F 5. Snow storms can occur anytime of the year.
- T F 6. If your car is stuck in the snow, leave your ceiling light on at night so you can be seen.
- T F 7. Booster cables and a snow brush should be part of your winter storm car safety kit.
- T F 8. Wind chill is the combined effect of temperature and wind felt by your body.
- T F 9. Wear gloves. They are warmer than mittens.
- T F10. If your car is stuck in a snowdrift, stand on the roof wearing brightly colored mittens and wave your arms.



0,





## Tornedo Quiz

On the lines to
the left, tell
what you should
do if a tornado
is coming.

### Circle T (True) or F (False) for each sentence below.

- T F 1. A tornado looks like a funnel with the fat part at the top.
- T F 2. You will always notice a funnel before a tornado strikes.
- T F 3. A tornado destroys everything in its path.
- T F 4. A tornado may hit your home and leave your neighbor's home alone.
- T F 5. A strong tornado can throw cars and trucks into the air.
- T F 6. There will seldom be lightning during a tornado.
- T F 7. Go into a large room such as the school cafeteria if there is a tornado warning.
- T F 8. The sky may be clear at the time you hear a Tornado Watch.
- T F 9. When a tornado is coming, get out of a car or truck and go in a house.
- T F 10. If you live in a mobile home or trailer, you are safe staying there during a tornado.

#### Fill in the blank with the correct word. Use these words:

funnel		radio bathroom	ditch Watch	train sky	
windows Warning		hail	mobile home	tornado	
black clouds		basement	top	tomac	
1.	A can flatten homes and buildings.				
2.	. A tornado looks like a with the fat part at the				
3.	Before a tornado, you will probably see and				
4.	A Tornadois issued by the National Weather Service when a tornado may develop later.				
5.	A Tornado is issued by the National Weather Service when a tornado has actually been seen.				
6.	A tornado can sound like the roar of a				
7.	If you are outside when you see a tornado, go to a low spot or a				
8.	The best place to be if there is a tornado is in a				
9.	There may be thunder, lighting, rain or along with the tornado.				
10.	If you don't have a basement, the next best place to be is in a or other small room in the center of the house.				
11.	Stay away from during a tornado.				
12.	If you live in a, get out. It can be shattered by a tornado.				
13.	When you hear a Tornado Watch, keep your eyes on the				
11	Vou can hear a Tornado Watch by listoning to NOAA Weather				

# Ash Food Quiz

#### Fill in the blank with the correct word. Use these words:

streams

ground

flash flood

roads

bridges

car or truck

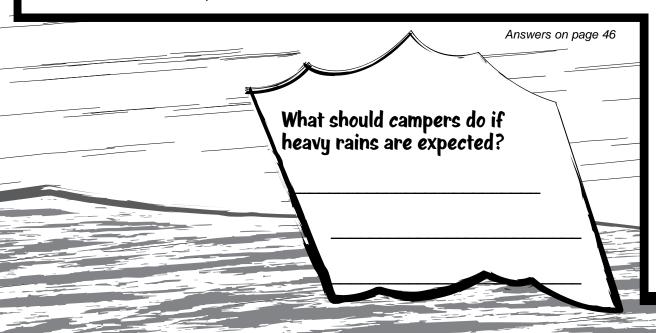
- 1. A flash flood can wash out \_\_\_\_\_ and bridges.
- 2. A \_\_\_\_\_ may come to you as a high wave of water.
- 3. If it is raining hard, water cannot sink into the \_\_\_\_\_.
- 4. Flash floods most often occur in mountain \_\_\_\_\_\_.
- 5. If you are driving in deep water, get out of your \_\_\_\_\_ and climb to higher ground.
- 6. If you are driving in heavy rain, watch for flooding at \_\_\_\_\_ and low points in the road.



### Circle T (True) or F (False) for each sentence below.

- T F 1. When you hear a Flash Flood Warning it means there will be a flood within 24 hours.
- T F 2. Flash floods usually occur along beaches.
- T F 3. If you are camping and a flash flood occurs, run to higher ground.
  - 4. Along with flash floods, there is often heavy lightning.
- T F 5. Drive as fast as possible through a flooded road to avoid being washed downstream.
- T F 6. Never try to outrun a flash flood.
- T F 7. If you are camping and you hear a flash flood warning, pack up your tent and bring all your camping gear so it will not be damaged by the flood.
- T F 8. A flash flood can wash out roads and bridges and uproot trees.
- T F 9. The National Weather Service will always warn you if a flash flood is expected.
- T F 10. Whenever it rains heavily, there may be flash floods.

answers on Page 46



# HUPPEN3 QUIZ

### Fill in the blank with the correct words. Use these words:

Watch eye radio flooding hurricanes moving Warning air inland storm surge oceans The \_\_\_\_\_ that surrounds our planet weighs five quadrillion tons. Air is \_\_\_\_\_ all the time. It swirls, blows, sinks and rises. Air moves over warm \_\_\_\_\_ and picks up lots of moisture. In summer and early fall, \_\_\_\_\_ form when air masses pick up lots of moisture. Hurricanes cause \_\_\_\_\_ and \_\_\_\_\_. A hurricane \_\_\_\_\_ tells people a hurricane may reach land within 2 days. 7. A hurricane means a hurricane is expected within 36 hours and winds could reach 74 mph or more. NOAA Weather \_\_\_\_\_ warns people about hurricanes. If you live near the ocean, go \_\_\_\_\_ where it is safe. The center of a hurricane is called the . . .

Answers on page 46



### Circle T (True) or F (False) for each sentence below.

- F 1. High wind is called a storm surge.
- T F 2. NOAA Weather Radio stations warn people about hurricanes.
- T F 3. Hurricanes usually appear suddenly and surprise everyone.
- T F 4. When a hurricane is expected to reach land in 2 days, forecasters issue a Hurricane Warning.
- T F 5. Hurricane Hunter airplanes fly into a storm to get information about the hurricane.
- Γ F 6. Hurricane winds can reach 350 mph.
- F 7. Hurricanes cause rain, high tides and flooding.
- T F 8. During a hurricane, stay under a tree.
- Γ F 9. Put duct tape on your windows if a hurricane is coming.
- T F 10. It is a good idea to have a flash light, radio and extra batteries if a hurricane is expected.

## Weiher Herence

Fill in each space with the correct weather hazard:

hurricane, tornado, lightning, flash flood or winter storm.



2. Usually before a \_\_\_\_\_ hits, you see a funnel extending from a dark cloud formation.

3. Usually high towering clouds develop before a \_\_\_\_\_\_ storm.

4. A big \_\_\_\_\_ can occur as late as April, which happened in 1982.

5. A \_\_\_\_\_ usually occurs in valleys where there are narrow stream beds.

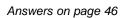
6. A \_\_\_\_\_\_ is a huge storm that usually develops in August or September.

7. In a \_\_\_\_\_ the most dangerous hazard may be flooding.

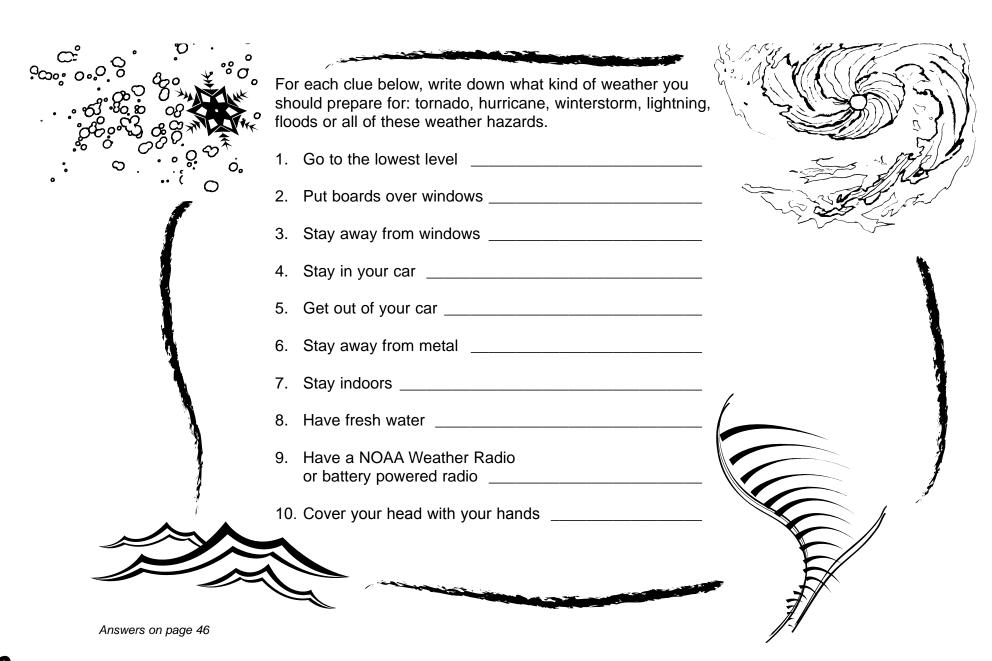
8. When a \_\_\_\_\_ approaches, go to the basement or to an inside closet or hall.

9. When a \_\_\_\_\_ approaches, get away from the seashore. Go to a safe inland location.

10. Don't try to outrun a \_\_\_\_\_ in your car.



### How should you prepare for bad weather? See how much you have learned!



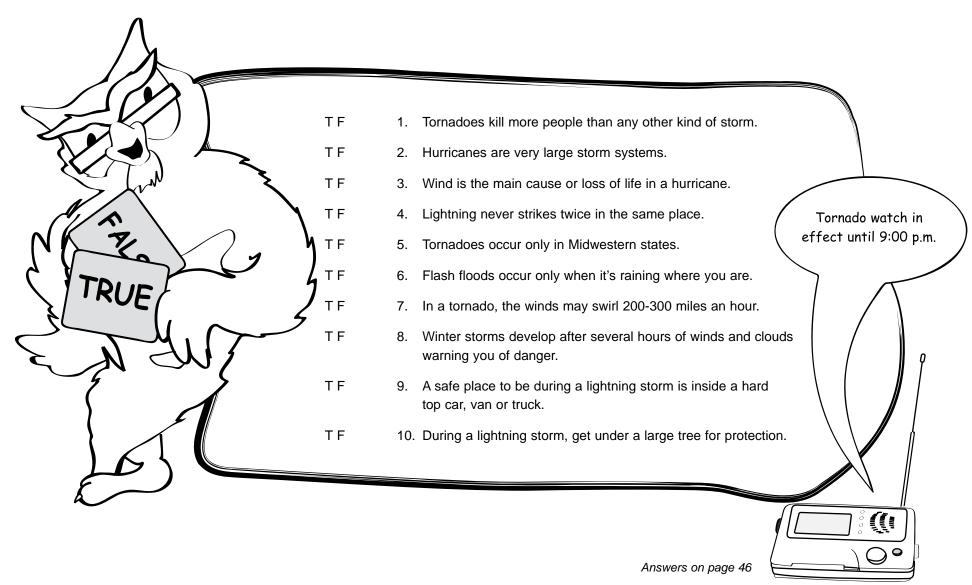
### True or False? Weather and Warnings

Try these true or false questions.

10 right—You're a weather wizard

8 right—You're okay

6 or less right—Read this booklet again. It may save your life and your family's lives.

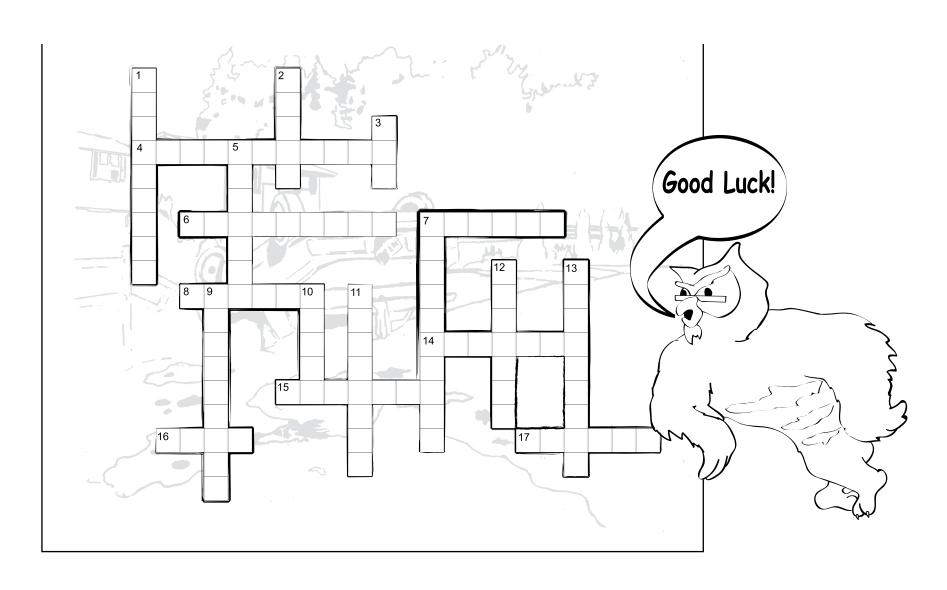


Fill in each space with one of the answers below. Then fill in the crossword puzzle on the next page to check your answers.

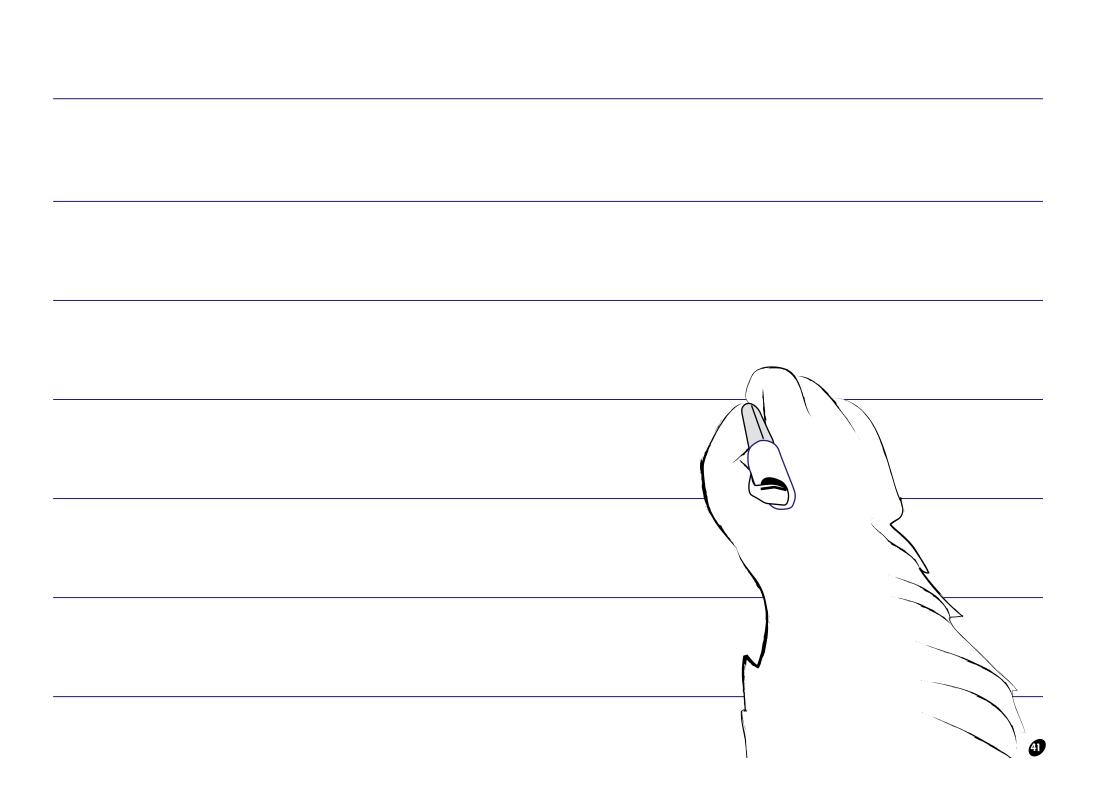
Answers: Electricity, eye, floods, forecasts, funnel, hail, hurricane, lightning, radio, shortest, snowstorms, summer, surge, thunder, tornado, warning, weather, or wind chill. Down 1. During a severe storm watch TV or listen to your local\_\_\_\_\_\_, it can help save lives. Before the storm comes get a flashlight and \_\_\_\_\_with batteries in case you lose electricity. The calm section of a hurricane is called the \_\_\_\_\_\_. A \_\_\_\_\_ packs a lot of energy, enough to blow down a whole town. \_\_\_\_\_ occur in winter and sometimes in early spring or late fall. kills more people than hurricanes and tornadoes. 10. Water 25 feet above normal high tide in a hurricane is called a storm \_\_\_\_\_ 11. Lightning takes the \_\_\_\_\_path. 12. If you hear a tornado \_\_\_\_\_ act immediately. 13. A \_\_\_\_\_\_ is a big doughnut of winds with a calm section in the middle. Across 4. Stay away from sinks and tubs and anything else wet that could conduct \_\_\_\_\_\_. \_\_\_\_ measures how cold you and your pet feel on cold, windy days. 7. Lightning storms may occur in the winter but are most common in the spring and . 8. Flash \_\_\_\_\_ can occur even though it's not raining where you are. \_\_\_\_\_and lightning occur together. 15. More than 1000 NOAA \_\_\_\_\_ Radio stations broadcast hurricane watches and warnings. 16. Thunderstorms can be accompanied by damaging \_\_\_\_\_\_ as large as golf balls or baseballs. 17. A tornado looks like a \_\_\_\_\_\_with the fat part at the top.

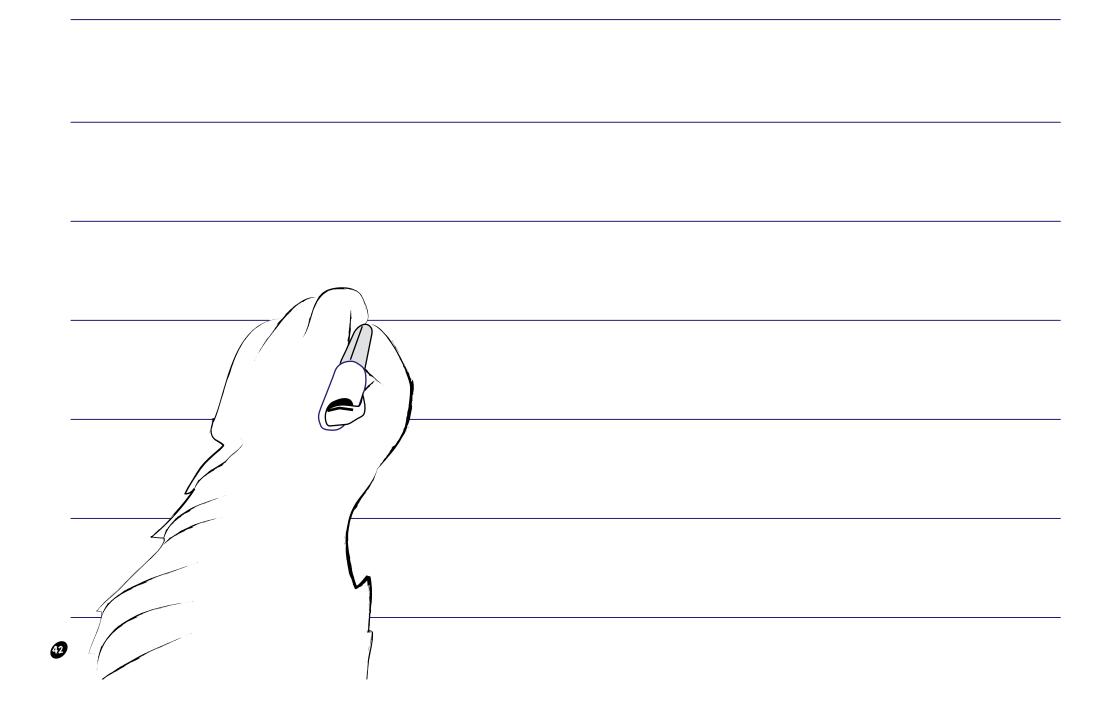


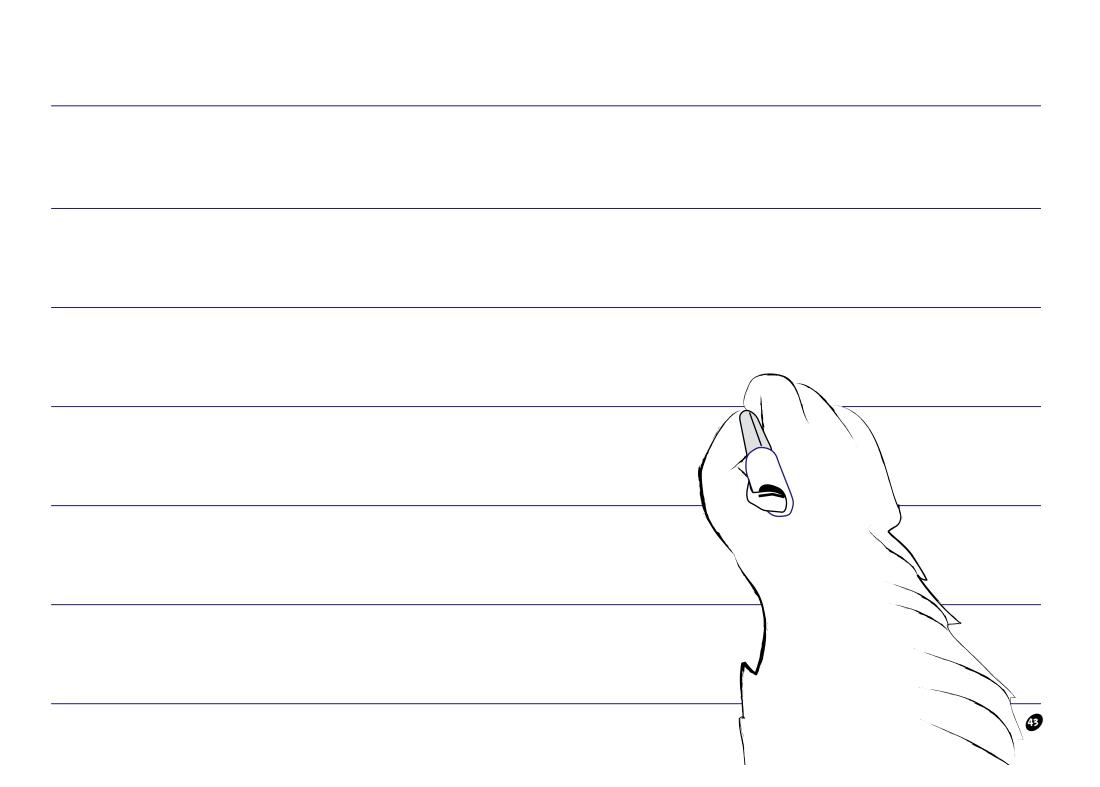
# What did you learn? Use the clues on the previous page to fill in this crossword puzzle. If your answers all fit, congratulations!

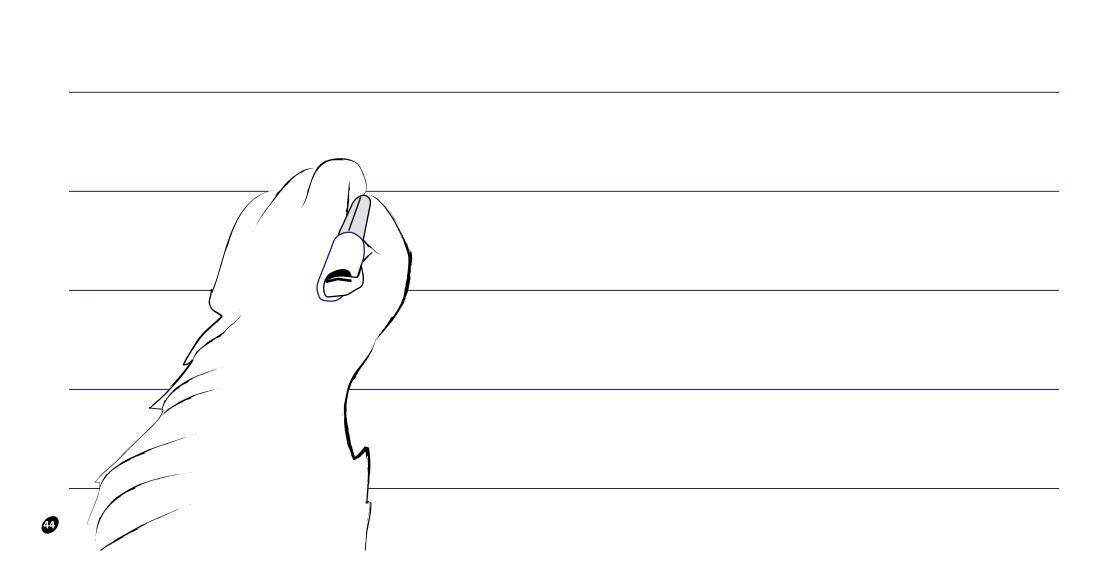


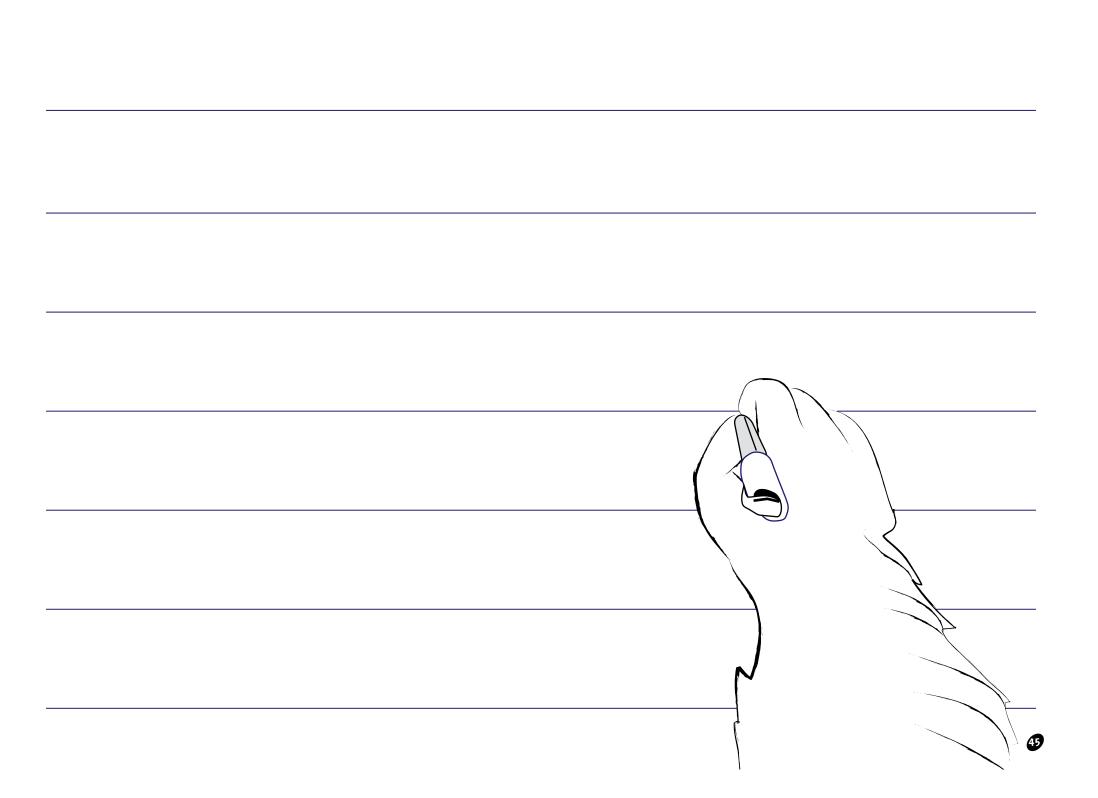
# Notes











#### flash flood quiz (pg 33)

- 1. roads, 2. flash flood, 3, ground, 4. streams, 5. car
- 6. bridges -- 1. T, 2. F, 3. T, 4. T, 5. F, 6. F, 7. F, 8. T,

#### tornado quiz (pg 32) 9. F, 10. T

- 1. tornado, 2. funnel and top, 3, black clouds,
- 4. watch, 5. warning, 6. train, 7. ditch, 8. basement,
- 9. hail, 10. bathroom, 11. windows, 12. mobile home,
- 13. sky, 14. radio -- 1. T, 2. F, 3. T, 4. T, 5. T, 6. F,
- 7. F, 8. T, 9. T, 10. F

#### crossword puzzle (pgs 38-39)

Answers: (Across)

- 4. electricity, 6. wind chill, 7. summer, 8. floods,
- 14. thunder, 15. weather, 16. hail, 17. funnel

Answers: (Down)

- 1. forecasts, 2. radio, 3. eye, 5. tornado,
- 7. snowstorms, 9. lightning, 10. surge, 11. shortest, 12. warning, 13. hurricane

#### true & false (pg 37)

- 1. F-hurricanes, 2. T, 3. F- flooding,
- 4. F, 5. F-anywhere 6. F, 7. T, 8. F, 9. T,

#### hazards (pg 36)

- 1. tornado, 2. hurricane, 3, hurricane, lightning and tornado, 4. winter storm and lightning, 5. flash flood, 6. lightning, 7. hurricane, lightning, winter storm, and tornado, 8. hurricane, tornado, and winter storm,
- 9. hurricane, tornado, winter storm and flash flood, 10. tornado

#### winter storm quiz (pg 31)

- 1. watch, 2. warning, 3, kitty litter, 4. antenna,
- 5. carbon monoxide, 6. layers, 7. mittens,
- 8. winter, 9. wind chill, 10. snowdrift -- 1. T, 2. F,
- 3. T, 4. F, 5. F, 6. T, 7. T, 8. T, 9. F, 10. F

#### lightning quiz (pg 30)

- 1. die, 2. telephone, 3, thunder, 4. explode,
- 5. tallest, 6. shortest, 7. electricity, 8. tree,
- 9. fire, 10. water -- 1. F, 2. T, 3. F, 4. T, 5. F, 6. F,
- 7. T, 8. F, 9. F, 10. T

#### hurricane quiz (pg 34) fill in the blanks (pg 35)

- 1. tornado, 2. tornado, 3. lightning,
- 4. winter storm. 5. flash flood 6. hurricane.
- 7. hurricane, 8. tornado, 9. hurricane, 10. tornado

- 1. air, 2. moving, 3. oceans, 4. hurricanes,
- 5. high tides and flooding, 6. watch,
- 7. warning, 8. radio, 9. inland, 10. eye --
- 1. F, 2. T, 3. F, 4. F, 5. T, 6. F, 7. T, 8. F, 9. F, 10. T

## Beouress

**Web Weather for Kids:** Check this out if you want to make fog, a tornado, or lightning. http://www.ucar.edu/educ\_outreach/webweather/

**Kids Crossing:** Wow! Explore this weather funhouse. Lots of weather links too. http://eo.ucar.edu/kids/

**Weather, Seasons and Climate:** Play the weather game, keep a weather journal or color the seasons.

http://www.cotf.edu/ete/modules/k4/teacher/weather.html

**Jetstream:** Want to learn more? Check out our online weather school. http://www.srh.noaa.gov/jetstream/

**Playtime for Kids:** The place to find coloring books, puzzles, games and other fun stuff. http://www.nws.noaa.gov/om/reachout/kidspage.shtml

**Kid's Hazards Quiz:** Are you prepared? Find out by taking this fun quiz. http://www.ngdc.noaa.gov/hazard/kqStart.shtml

**SciJinks Weather Laboratory:** Write your own weather story or find a weather science fair topic. http://scijinks.nasa.gov/

**Franklin's Forecast:** Learn how to make your own weather station; learn about El Nino and radar. http://www.fi.edu/weather/

**Web Weather for Kids:** Games, activities and fun facts. http://eo.ucar.edu/webweather/

Here are some web sites

for some fun learning

about weather

