

RCA

Television User's Guide

Changing Entertainment. Again.



Weather and other hazard information brought to you by the National Oceanic and Atmospheric Administration (NOAA)

Important Information

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates important instructions accompanying the product.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Product Registration

Please fill out the product registration card (packed separately) and return it immediately. For U.S. customers: Your RCA Consumer Electronics product may also be registered at www.rca.com/productregistration. Registering this product allows us to contact you if needed.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers. These numbers are located on the product.

Model No. _____ Serial No. _____ Purchase Date: _____

Dealer/Address/Phone: _____

Alert Guard™ Important Information

- The green READY light on the front panel of the TV is the main indicator that the Alert Guard system is receiving NWR broadcast information. If it's not lit, the Alert Guard system can't inform you of alerts. During poor reception conditions, the Alert Guard system might not inform you of alerts even if the green light is on.
- Generally, the Alert Guard system can fail to notify you of dangerous conditions for the following reasons:
 1. National Oceanic and Atmospheric Administration (NOAA) did not broadcast an alert. Certain criteria must be met for NOAA to issue an alert, and only certain events are reported by NOAA. While weather forecasting continues to improve, it is not perfectly accurate. For this reason, situations that might be dangerous to you may be unknown to NOAA.
 2. Power was lost to the TV during the time when an alert was broadcast. If power is lost for more than 15 seconds, the Alert Guard system will notify you that power was interrupted the next time the TV is turned on. Any alerts issued during a power failure won't be acknowledged by the Alert Guard system. Therefore, you might want to purchase a battery operated alert radio or have a battery powered radio available for listening when household power fails.
 3. Reception of the NOAA Weather Radio (NWR) was poor at the time an alert was broadcast. Since NOAA only broadcasts an alert once, momentary loss of reception can prevent alerts from being received.
 4. Options in the Alert Guard menu, such as locations and the NWR channel, were not set appropriately. Instructions within the User's Guide will help you set up Alert Guard correctly.
- Alert Guard shouldn't be your only source of information. You should always maintain personal, family, and neighborhood safeguard systems, and remain aware of changing conditions. The Alert Guard system relays alerts based on information provided by the NWR. The Alert Guard system is designed to recognize all alerts currently issued over the all hazards NWR broadcast system. Incidents (such as local traffic accidents and weather related school closings) that don't endanger the community with immediate threats are not broadcast.
- Alert Guard coverage is limited to the U.S., U.S. territories, possessions and associated states, within your local geographic area. These areas are listed on pages 37-54.
- While it appears you can set up the Alert Guard system to receive alerts from across the country, it can only receive alerts broadcast for areas close to the location of the TV.
- For models 20F670T, 27V570T and 27F670T, don't leave headphones plugged in when they aren't in use. Alarms will sound through the headphones and not the TV's speakers, causing alarms not to be heard.
- If your TV is connected to a receiver, amplifier, home theater system, or other audio equipment, alerts won't be audible through such devices connected to the audio output terminals of the TV; instead, the Alert Guard system will turn on the TV's internal speakers to sound an alarm and make the alerts audible.
- Non-weather emergency messages, such as chemical spills, nuclear power plant emergencies, gas line breaks, etc., are not fully implemented nationally.
- If you receive an alert that tells you to seek shelter, do so immediately and don't continue to listen for other alerts until you are safe.
- It might take time, and after you've received several alerts, before you understand how the Alert Guard feature works.
- While government agencies use sophisticated equipment, such as weather models, radars, and satellites to determine an alert's effective time and duration, the end of an alert also does not necessarily mean that related emergency events are over. Weather conditions can change rapidly, and caution should be taken before and after alerts.

Alert Guard is a trademark of Thomson Inc.

Chapter 1: Connections & Setup

Things to Consider Before You Connect	3
Protect Against Power Surges	3
Protect Components from Overheating	3
Position Cables Properly to Avoid Audio Interference	3
Important Stand and Base Safety Information	3
Use Indirect Light	3
Cables Needed to Connect Components to Your TV	3
Alert Guard Antenna	3
TV + DVD + VCR	4
Explanation of Jacks	5
The Front of Your TV	6
Alert Guard Front Panel Buttons and Lights	6
Front Input Jacks	7
Front Panel Buttons	7
Connect Alert Guard Antenna	8
Connect TV Antenna	8
Plug in the TV	8
Put batteries in the remote	8
How to Use the Remote Control to Complete the Initial Setup	8
Turn on the TV	9
Complete the Initial Setup	9
Complete Auto Channel Search	9
Alert Guard Initial Setup	9

Chapter 2: Using the Remote Control

Button Descriptions for TV Mode	11
Button Descriptions for Alert Guard	11
Button Descriptions for Other Modes	12
Using the INPUT Button	12
Programming the Remote to Operate Other Components	13
Find Out If You Need to Program the Remote	13
Programming the Remote	13
How to Use the Remote After You've Programmed It	14
Remote Control Codes	15

Table of Contents

Chapter 3: Using the TV's Features

Alert Guard	18
Alert Options	19
Locations	20
News Weather	21
NWR Channel	21
Channel Banner	22
Why You Should Use the Auto Tuning Feature	22
How to Set Up the Auto Tuning Feature	22
Parental Controls and V-Chip	24
How V-Chip Works	24
USA V-Chip Rating System	24
USA V-Chip TV Rating Limit	25
Blocking Specific Content Themes	26
Viewing Specific Content Themes	27
V-Chip Movie Rating Limit	27
V-Chip Exempt Program Block	27
KidPass	28
V-Chip Active	28
Front Panel Lock	28
Change Password	28

Chapter 4: Using the TV's Menu System

Sound Menu	29
Picture Menu	30
Setup Menu	31
Parental Control Menu	32
Time Menu	32
Alert Guard Menu	32

Chapter 5: Other Information

Troubleshooting	33
Care and Cleaning	36
Alert Guard Location Codes	37
Limited Warranty (for models 20F670T, 27F670T and 32F670T)	55
Limited Warranty (for model 27V570T).....	57

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions packed separately.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- If you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Important Stand and Base Safety Information

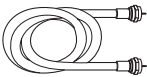
Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safety Instructions packed separately.

Use Indirect Light

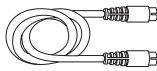
Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

Cables Needed to Connect Components to Your TV

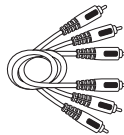
The pictures below show the cables needed for the connection represented in this book.



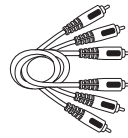
Coaxial cable



S-Video cable



Audio/Video cables



Component Video (Y, Pb, Pr) cables

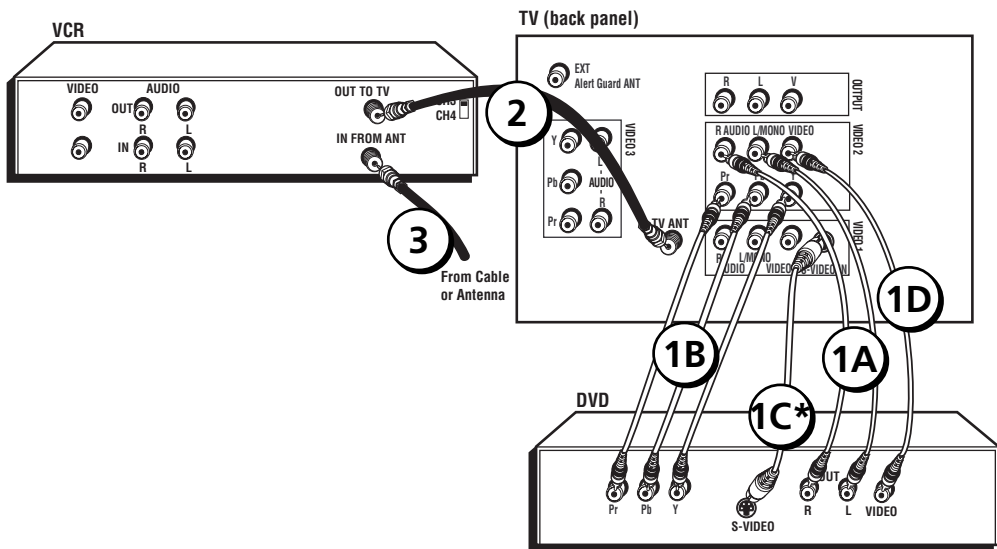


Alert Guard Antenna

Alert Guard Antenna

The picture to the left shows the Alert Guard antenna packed with your TV, specifically designed for the Alert Guard feature. Connect the antenna to the EXT Alert Guard ANT jack on the back of the TV (go to page 8 for more information). Don't connect the antenna to the regular TV ANT jack on the back of the TV.

Connections & Setup



* If you connect an S-Video cable, you must connect the audio cables to the VIDEO 1 AUDIO jacks on the back of the TV, not the VIDEO 2 AUDIO jacks.

TV + DVD + VCR

1. Connect your DVD Player to your TV.

- Connect the audio (white and red) cables to the VIDEO 2 R and L/MONO AUDIO jacks on the back of the TV and to the Audio Output jacks on the DVD player.
- If your DVD player has Component Output Jacks (Y, Pb, Pr), connect three video grade cables to the Y, Pb, Pr jacks on the DVD player and to the VIDEO 2 Y, Pb, Pr jacks on the back of the TV. If your DVD player doesn't have Y, Pb, Pr jacks, go to C.

-OR-

- If your DVD player has an S-Video Jack, connect an S-Video cable to the S-Video jack on the DVD player and to the S-VIDEO IN jack on the back of the TV. If your DVD player doesn't have an S-Video jack, go to D.

Note: If you connect an S-Video cable, you must connect the audio cables to the VIDEO 1 AUDIO jacks on the back of the TV, not the VIDEO 2 AUDIO jacks.

-OR-

- Connect a video cable (yellow) to the Video Output Jack on the DVD player and to the VIDEO 2 VIDEO jack on the back of the TV.

2. Connect your TV to your VCR.

Connect a coaxial cable to the TV ANT jack on your TV and to the Antenna Output Jack (sometimes labeled OUT TO TV).

Note: If your VCR has Audio/Video output jacks, you can connect your TV to your VCR using audio/video cables for better quality.

3. Make sure cable or antenna is connected to your VCR.

Connect the coaxial cable from your cable outlet or antenna to the Antenna Input Jack (sometimes labeled IN FROM ANT) on the VCR.

Go to page 8

Explanation of Jacks

This section describes the jacks you can use to make connections. There are several ways to connect components to your TV.

TV ANT Lets you connect a coaxial cable to receive the signal from the antenna, cable, cable box, or if using the example on page 4, a VCR.

EXT Alert Guard ANT Lets you connect an antenna if you need to receive a stronger signal for the Alert Guard feature. Go to page 8 for more information.

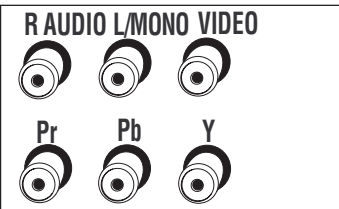


VIDEO 1

VIDEO 1

VIDEO, AUDIO R and L/MONO INPUTS Lets you connect a component such as a VCR, DVD player, or laserdisc player.

- **R (RIGHT) AUDIO** Provides right audio connection. The right audio connector is usually red.
- **L/MONO AUDIO** Provides left audio connection. The left audio connector is usually white.
- **VIDEO** Provides composite video connection. The video connector is usually yellow.
- **S-VIDEO** Provides better picture quality than the composite video jacks because the color part of the signal is separated from the black and white part of the picture. When using S-VIDEO IN, make sure to also connect left and right audio cables to the VIDEO1 AUDIO Input jacks.

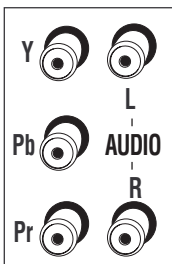


VIDEO 2

VIDEO 2

VIDEO, AUDIO R and L/MONO and Y, Pb, Pr INPUTS Lets you connect a component video source, such as a DVD player.

- **Y, Pb, Pr** Provides optimum picture quality because the video is separated into three signals. Use three video-grade cables for the connection. When using VIDEO 2 Y, Pb, Pr, make sure to also connect left and right audio cables to the VIDEO 2 AUDIO Input jacks.
- **R and L/MONO AUDIO and VIDEO** Their description is the same as VIDEO 1 above.

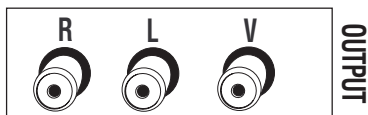


VIDEO 3

VIDEO 3

R and L AUDIO and Y, Pb, Pr INPUTS Lets you connect a second component video source, such as a DVD player. Their description is the same as VIDEO 2 above. When using VIDEO 3 Y, Pb, Pr, make sure to also connect the left and right audio cables to the VIDEO 3 AUDIO Input jacks.

Connections & Setup



AUDIO/VIDEO OUTPUTS (Video Out not available on model 27V570T) Lets you connect an amplifier or audio receiver for improved sound quality or an external video monitor, for models with Video Out.

The Front of Your TV

Alert Guard Front Panel Buttons and Lights

READY (Green Light) Remains lit as long as the TV is receiving a strong signal.

ADVISORY (Yellow light) On during Advisory alert. Also, lights for approximately 15 minutes during the weekly NOAA (National Oceanic and Atmospheric Administration) Weather Radio (NWR) test.

WATCH (Orange light) On during Watch alert.

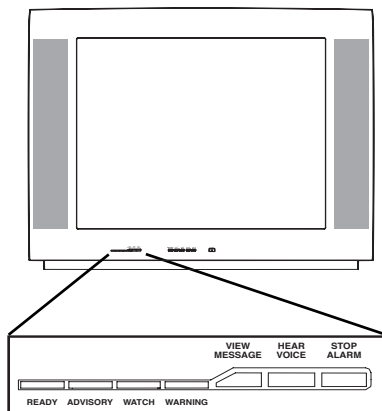
WARNING (Red light) On during Warning alert.

Note: The lights blink when an alert is first received. To stop them from blinking, press STOP ALARM. Lights stay on until an alert has expired. For your protection, you can never turn a light off while an alert is in effect.

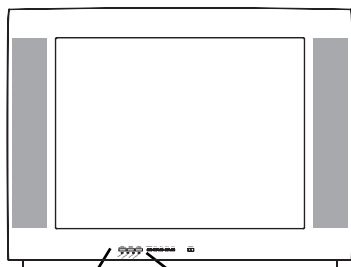
VIEW MESSAGE Press the VIEW MESSAGE button to display the alert being issued. If the TV is off, pressing this button turns on the TV and displays the message. Press this button at any time during an alert or weekly test to display the time remaining until the alert or test expires.

HEAR VOICE Toggles the NWR on and off.

STOP ALARM Turns off alarms and then removes on-screen messages.



27V570T Front Panel



20F670T, 27F670T, 32F670T Front Panel

Front Input Jacks

The TV has front input jacks for your convenience: one set of audio/video inputs, an S-Video and a headphone jack. These jacks are towards the front of the TV on the side. To access the component you connected to the front of the TV, press the INPUT button on your remote until *FRNT* (*SFRNT* for S-VIDEO) appears on the screen. The jacks are ideal for connecting a video game console or a camcorder.

Note: When connecting a component that only has one audio jack, such as some camcorders, use the TV's AUDIO L/MONO jack to hear the audio.

H-PHONE (Headphones- not available on model 32F670T) Allows you to connect headphones to listen to the sound coming from the TV.

Note: For models 20F670T, 27V570T and 27F670T, don't leave headphones plugged in when they aren't in use. Alarms will sound through the headphones and not the TV's speakers, causing alarms not to be heard.

VIDEO Receives video from another component such as a VCR, camcorder, or video game console.

L/MONO and RIGHT AUDIO Receives audio from another component such as a VCR, camcorder, or video game console.

S-VIDEO Allows you to connect an S-Video cable from another component. Make sure you also connect audio cables from the component to the TV.

Front Panel Buttons

If you can't locate your remote, you can use the front panel buttons of your TV to operate many of the TV's features.

MENU/OK Brings up the Main menu. In the menu system, it selects highlighted items.

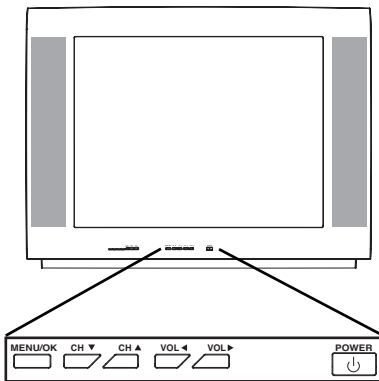
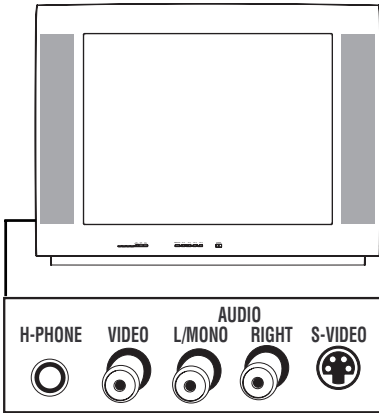
CH v Scans down through the current channel list. In the menu system, acts like the down arrow button on the remote control and adjusts menu controls.

CH ^ Scans up through the channel list. In the menu system, acts like the up arrow button on the remote control and adjusts menu controls.

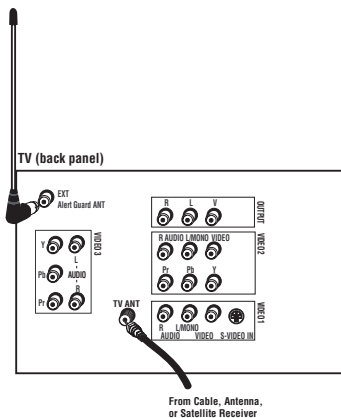
VOL < Decreases the volume. In the menu system, acts like the left arrow button on the remote control and adjusts menu controls.

VOL > Increases the volume. In the menu system, acts like the right arrow button on the remote control and adjusts menu controls.

POWER Turns the TV on and off.



Connections & Setup



Connect Alert Guard Antenna

Connect the supplied antenna, with the rod positioned straight up and down, to the EXT Alert Guard ANT jack on the back of the TV.

Connect TV Antenna

If you haven't already, connect the coaxial cable from your cable source (if using the example on page 4, a VCR) to the TV ANT jack on the back of the TV.

Plug in the TV

Plug the end of the power cord into a grounded wall outlet. Insert the plug completely into the outlet.

Put batteries in the remote

- Remove the battery compartment cover from the back of the remote by pushing down on and sliding off the cover.
- Insert 2 fresh "AA" batteries. Make sure the polarities (+ and -) are aligned correctly.
- Replace the cover.

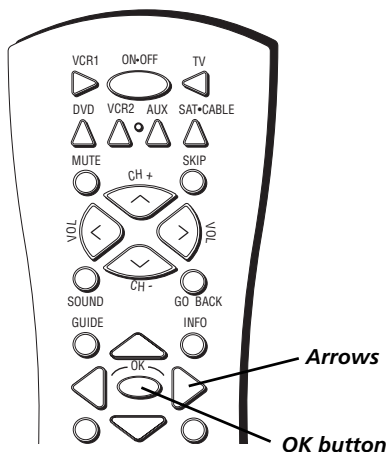
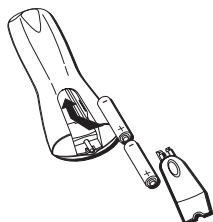
How to Use the Remote Control to Complete the Initial Setup

The technical term is "Navigation"—how you move through the on-screen menus. The method is the same throughout the menu screens: highlight your choice and select it.

To highlight a menu item, press the arrow buttons on the remote to highlight one of the items listed on the screen. Use the up or down arrow button to move up or down. Use the right or left arrow button to move right or left.

To select the item that you've highlighted, press OK.

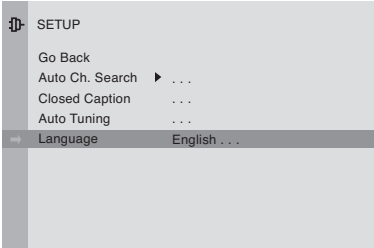
Note: Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).



Turn on the TV

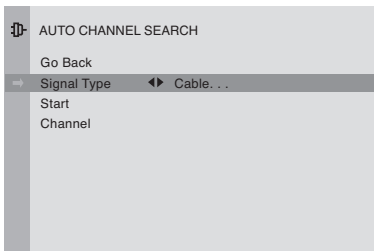
Press TV on the remote, or press POWER on the TV's front panel.

Note: Pressing the TV button not only turns on the TV, but puts the remote into TV mode. "TV mode" means that the buttons on the remote control operate the TV's functions.



Complete the Initial Setup

The menu system in your TV allows the TV's features to work properly. The first time you turn on your TV, the *SETUP* screen appears with *Language* highlighted. The default language is *English*. To choose another language, press the right arrow button.



Complete Auto Channel Search

This part of the setup allows the TV to search for all channels viewable through your antenna or cable TV system. This is sometimes called auto programming.

1. Highlight *Auto Ch. Search* and press OK.
2. The *Signal Type* option is set to *Cable*. To change the option to *Antenna*, press the right arrow button.
3. Press the down arrow button to highlight *Start*. Press the OK button to begin the auto channel search.

Once the search is complete, the *Alert Guard Setup* menu appears.

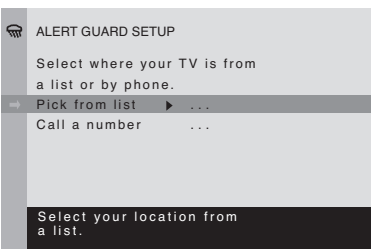
Alert Guard Initial Setup

Alert Guard informs you of hazards such as winter storm watches and civil danger warnings that are being broadcast by the all hazards NWR broadcast system for your specific area.

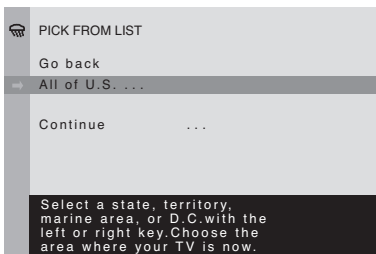
Note: Alert Guard receives alerts for the U.S., U.S. territories, possessions and associated states, within your local geographic area. Your TV can't respond to alerts outside these areas. These areas are listed on pages 37-54.

Also, Alert Guard can only receive alerts broadcast for areas close to the location of the TV.

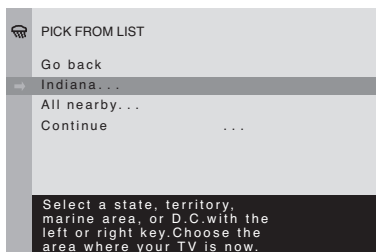
1. The quickest way to set your area is to highlight *Pick from list* and press OK. (If you want to set up Alert Guard by phone, highlight *Call a number*, call 1-888-NWR-SAME, and follow the on-screen instructions).



(steps continued on the next page)

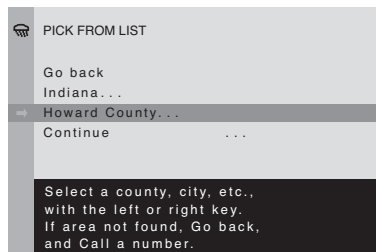


2. The *PICK FROM LIST* menu appears with *All of U.S.* highlighted. Press the left or right arrow button to choose your region- the state, territory, or marine area where you are living or District of Columbia. These are listed in alphabetical order, with marine areas at the end of the list (press the left arrow button to access these quickly, starting at the end of the list).



3. After you set your region, press the down arrow button to highlight *All nearby.* Press the left or right arrow button to choose the county, city, parish, area, borough, district, island, atoll, state or municipality where you are living. These are also listed in alphabetical order. Most states only have counties as a choice.

The location code is now set. Highlight and select *Continue.* Alert Guard is ready to receive information specific to your area.



If you receive an on-screen message, *YOU MIGHT MISS ALERTS!*, press OK to tune to the strongest NWR channel. The *NWR channel* menu appears and searches for a strong channel.

Listen to the NWR channel. If the signal is clearly understandable and is broadcasting information for your local area, press *CLEAR.* *Alert Guard is set up* appears on-screen. Press *CLEAR* again to watch TV. If the signal isn't understandable or isn't broadcasting information for your local area, go to page 33 for more information.

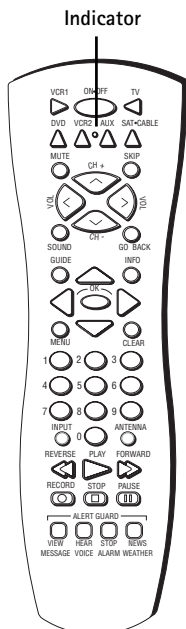
You can set each alert level, Warning, Watch or Advisory, to notify you of alerts broadcasted by receiving a message on-screen or hearing a type of alarm. The default settings for these alert levels are:

	Warning	Watch	Advisory
Message on-screen	Yes	Yes	No (box not checked)
Alarm setting	Voice	None	None

To change these setting and for more information on how to customize options in Alert Guard, go to Chapter 3.

Note: If you move from the area you set in the Initial Setup, you need to set your new area in the Alert Guard LOCATIONS menu.

Chapter 2: Using the Remote Control



Button Descriptions for TV Mode

Arrows Used to point to different items in the TV menu and to adjust the menu controls.

Indicator Indicates the programming mode when programming the remote to control components. Lights when you press a valid button on the remote.

(0-9) Number Buttons Enter channel numbers and time settings directly through the remote control.

To enter a one-digit channel, enter a zero first. To enter a two-digit channel, press the two digits and expect a few seconds delay. This is in case you want to enter a third digit.

CH + or CH - Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to normal viewing.

GO BACK Returns you to the previous channel.

INFO Brings up channel banner; press again to clear the screen.

INPUT Toggles through the available input sources (VID1/SVID1, VID2/CVID2, FRNT/SFRNT, CVID3 and current channel).

MENU Brings up the Main menu.

MUTE Reduces the TV's volume to its minimum level. Press again to restore the volume.

OK When in the menu system, selects highlighted items.

ON•OFF When in TV mode, turns the TV on and off. If in another mode (VCR, DVD, SAT•CABLE, etc.), will turn the component on and off.

SKIP Press once before changing channels and the TV will go back to the original channel after 30 seconds. Press repeatedly to add more time.

SOUND Displays the *SOUND* menu.

TV Turns on the TV and puts the remote in TV mode. Also displays current status.

VOL - or VOL + Decreases or increases the TV's volume.

Button Descriptions for Alert Guard

(Listed from left to right)

VIEW MESSAGE Press to display the alert being issued. If the TV is off, pressing this button turns on the TV and displays the message. Press this button at any time during an alert or weekly test to display the time remaining until the alert or test expires.

HEAR VOICE Toggles the NWR on and off.

STOP ALARM Turns off alarms and then removes on-screen messages.

NEWS WEATHER Scans through the four channels in the order they were set in the News Weather menu. If no channels have been set up, the default News Weather station is channel 6. If the TV is off, pressing this button turns the TV on and tunes to the first News Weather channel.

Using the Remote Control

Button Descriptions for Other Modes

AUX Puts the remote in AUX mode. Can also be programmed to operate most brands of an additional remote-controllable component.

ANTENNA In VCR mode, functions as a TV/VCR button. In SAT•CABLE mode, functions as a TV/receiver button.

DVD Puts the remote in DVD mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

GUIDE If you're operating another component that has an on-screen program guide, this button accesses the on-screen guide.

REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE If programmed, provides transport control for some remote-controllable VCRs, DVD players, and CD players.

SAT•CABLE Puts the remote in SAT•CABLE mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

VCR1 Puts the remote in VCR mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

VCR2 Puts the remote in VCR mode to operate a second VCR and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

Using the INPUT Button

Use the INPUT button to scroll through the available video input channels and view components you have connected to the TV.

1. Press TV to place the remote in TV mode. Make sure the component you want to view is turned ON.
2. Press INPUT to tune to an available video input source and view the component.
3. To return to the previous channel, continue pressing INPUT.

Programming the Remote to Operate Other Components

The universal remote can be programmed to operate most brands of remote controllable components. The remote is already programmed to operate most RCA, GE, and Proscan components.

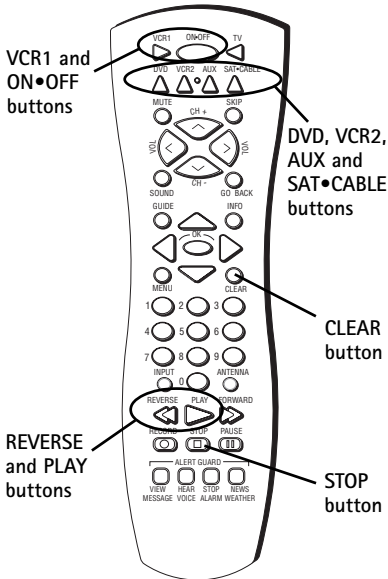
Also, the AUX button can be programmed to operate most brands of an additional remote-controllable component.

Notes: The TV button can't be programmed on this remote.

The remote may not be compatible with all brands and models of components. It also may not operate all functions of the remote that came with your component.

Find Out If You Need to Program the Remote

To determine whether the universal remote needs to be programmed for your component, turn the component ON. For example, to program the remote for a VCR, turn on the VCR. Point the remote at the VCR, and press the VCR1 button. Then press ON•OFF or CH + (channel up) or CH - (channel down) to see if the VCR responds to the remote commands. If the component does not respond, the remote needs to be programmed.



You'll use these buttons when programming the remote.

Programming the Remote

There are two ways to program the remote control:

- automatic code search
- direct entry

Using Automatic Code Search

The following instructions can be used to program the remote to operate each of your components. If you want to stop the automatic code search without programming any of your components, press CLEAR until the indicator on the remote turns off.

1. Turn on the component you want to operate (VCR, DVD player, etc.)
2. Press and hold the component button you want to program (VCR1, DVD, etc.). While holding the component button, press and hold ON•OFF until the indicator on the remote turns on, then release both buttons.
3. Point the remote at the component. Press and release PLAY, then wait 5 seconds or until the indicator on the remote stops flashing.

At this point the remote is searching for the correct code to program. If, after 5 seconds, the component you want to operate does not turn off, press PLAY again to tell the remote to search the next set of codes.

Continue pressing PLAY until the component turns off or you have searched through all of the codes. There are 20 total sets of codes. If the component does not turn off after pressing PLAY 20 times, then the remote can't be programmed to operate that component. Press CLEAR to turn off the indicator light.

Using the Remote Control

If the component you want to control *does* turn off:

1. Press and release REVERSE, then wait 2 seconds. Repeat this step until the component turns back ON.
2. To finish, press and hold STOP until the indicator on the remote turns off.

Using Direct Entry

1. Turn on the component to be programmed.
2. Look up the brand and code number(s) for the component on the code list in this section.
3. Press and hold the component button you want to program on the remote.
4. Enter the 4-digit code from the remote control code list on the following pages. If the indicator flashes, you have either entered an invalid code or the button isn't programmable.
5. Release the component button.
6. Point the remote at the component. Press ON•OFF to see if the component responds to the command. If it doesn't, try pressing the component button and then ON•OFF again.
 - If you get no response, repeat these steps using the next code listed for your brand, until the component responds to the remote commands.
 - If you try all the codes for your component brand and none work, try the automatic code search method. If automatic code search doesn't find the code, the remote is not compatible with your component.

How to Use the Remote After You've Programmed It

Because this universal remote can control several different components (TV, DVD, VCR, satellite receiver, etc.) it uses operational modes triggered by the component buttons. For example, if you want the remote to control the TV, you would press the TV button to put the remote into TV mode before you could control the TV.

1. Press the appropriate component button (DVD, TV, VCR1, VCR2, SAT•CABLE, AUX) to set the remote to control the component.
2. Press ON•OFF to turn the component ON or OFF.
3. Use the remote buttons that apply to that component.

Note: If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press VCR1 on the remote control to put the remote in VCR mode.)

Remote Control Codes

VCR Codes

Programmable for VCR1, VCR2 and AUX buttons.

Admiral	2132	KLH	2061
Adventura	2026	Kodak	2014, 2021
Aiko	2027	Lloyd	2026
Aiwa	2026	Logik	2061
Akai	2003, 2004, 2005, 2007, 2008, 2111, 2112, 2113	LXI	2014
American High	2021	Magnavox	2021, 2022, 2062, 2063, 2104, 2105, 2108, 2124
Asha	2013	Magnin	2013
Audio Dynamics	2009, 2010	Marantz	2009, 2010, 2011, 2016, 2018, 2021, 2062, 2064
Audiovox	2014	Marta	2014
Bell & Howell	2011	Masushita	2021
Beaumarck	2013	Mei	2021
Broksonic	2012, 2025	Memorex	2011, 2013, 2014, 2021, 2023, 2026, 2104, 2132
Calix	2014	MGA	2029, 2065, 2113
Candle	2013, 2014, 2015, 2016, 2017, 2018, 2019	MGN Technology	2013
Canon	2021, 2022, 2114	Midland	2053
Capehart	2020, 2110	Minolta	2055, 2056, 2107
Carver	2062	Mitsubishi	2029, 2055, 2056, 2065, 2066, 2067, 2068, 2068, 2070, 2071, 2072, 2073, 2074, 2106, 2113, 2123
CCE	2027, 2061	Montgomery Ward	2075, 2132
Citizen	2013, 2014, 2015, 2016, 2017, 2018, 2019, 2027	Motorola	2021, 2132
Colortyme	2009	MTC	2013, 2126
Colt	2061	Multitech	2013, 2016, 2026, 2053, 2061
Craig	2013, 2014, 2023, 2061	NEC	2009, 2010, 2011, 2016, 2018, 2064, 2076, 2078, 2079, 2111, 2123
Curtis-Mathes	2000, 2009, 2013, 2016, 2018, 2021, 2022, 2024, 2115, 2131	Nikko	2014
Cybernex	2013	Noblex	2013
Daewoo	2015, 2017, 2019, 2025, 2026, 2027, 2028, 2110	Olympus	2021
Daytron	2110	Optimus	2014, 2132
DBX	2009, 2010	Optonica	2096
Dimensia	2000, 2131	Panasonic	2021, 2022, 2109, 2125, 2126, 2127
Dynatech	2026	Pentax	2016, 2055, 2056, 2107, 2120
Electrohome	2014, 2029	Pentec Research	2018
Electroponic	2014	Philco	2021, 2022, 2062, 2063
Emerson	2012, 2014, 2015, 2021, 2024, 2025, 2026, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2044, 2045, 2046, 2047, 2065, 2113, 2116, 2117, 2130	Philips	2021, 2062, 2096, 2124
Fisher	2011, 2023, 2048, 2049, 2050, 2051, 2052, 2118	Pilot	2014
Fuji	2021, 2119	Pioneer	2010, 2055, 2080, 2081, 2123
Funai	2026	Portland	2016, 2017, 2019, 2110
Garrard	2026	Proscan	2000, 2001, 2131
GE	2000, 2001, 2013, 2021, 2022, 2053, 2115, 2120, 2131	Protec	2061
Goldstar	2009, 2014, 2018, 2054	Pulsar	2104
Gradiente	2026	Quarter	2011
Harley Davidson	2026	Quartz	2011
Harman Kardon	2009	Quasar	2021, 2022, 2125
Harwood	2061	RCA	2000, 2001, 2003, 2013, 2021, 2055, 2056, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2107, 2115, 2120, 2125, 2131, 2133
Headquarter	2011	Radioshack/Realistic	2011, 2013, 2014, 2021, 2022, 2023, 2026, 2029, 2049, 2050, 2096, 2132
Hitachi	2055, 2056, 2057, 2107, 2111, 2120, 2122	Radix	2014
Hi-Q	2023	Randex	2014
Instant Replay	2021	Ricoh	2128
JCL	2021	Runco	2104
JC Penney	2009, 2010, 2011, 2013, 2014, 2021, 2022, 2055, 2056, 2058, 2059, 2060, 2107, 2118	Samsung	2005, 2013, 2015, 2033, 2053, 2112
Jensen	2055, 2056, 2111	Sanky	2104, 2132
JVC	2009, 2010, 2011, 2018, 2111, 2123	Sansui	2010, 2092, 2111, 2123
Kenwood	2009, 2010, 2011, 2016, 2018, 2111, 2123	Sanyo	2011, 2013, 2023
		Scott	2011, 2014, 2021, 2023, 2048, 2049, 2050, 2051, 2055, 2056, 2107, 2118
		Sears	2011, 2014, 2021, 2023, 2048, 2049, 2050, 2051, 2055, 2056, 2107, 2118
		Sharp	2017, 2029, 2094, 2095, 2096, 2097, 2132

Using the Remote Control

VCR Codes continued

Shintom	2004, 2056, 2061, 2098
Shogun	2013
Signature	2132
Singer	2021, 2061, 2128
Sony	2004, 2098, 2099, 2119
STS	2021, 2107
Sylvania	2021, 2022, 2026, 2062, 2063, 2065, 2124
Symphonic	2026
Tandy	2011
Tashiko	2014
Tatung	2111
TEAC	2026, 2085, 2111
Technics	2021, 2109
Teknika	2014, 2021, 2026, 2100, 2129
TMK	2013, 2024, 2047
Toshiba	2015, 2049, 2051, 2055, 2065, 2093, 2116
Totevision	2013, 2014
Unitech	2013
Vector Research	2009, 2010, 2015, 2016
Victor	2010
Video Concepts	2009, 2010, 2015, 2016, 2113
Videosonic	2013
Wards	2013, 2014, 2015, 2021,
.....	2023, 2026, 2029, 2055, 2056, 2061,
.....	2096, 2101, 2102, 2103, 2107, 2116, 2132
XR-1000	2021, 2026, 2061
Yamaha	2009, 2010, 2011, 2018, 2111
Zenith	2004, 2098, 2104, 2119, 2128

DVD codes

Programmable for DVD and AUX buttons.

Aiwa	3009
Apex	3023, 3024
GE	3000
Hitachi	3008
JVC	3002, 3010
Konka	3011, 3012
Magnavox	3003
Mitsubishi	3004
Panasonic	3013
Philips	3003, 3019, 3021, 3022
Pioneer	3005
Proscan	3000
RCA	3000, 3001
Samsung	3025
Sanyo	3014
Sony	3006, 3015, 3016
Toshiba	3007, 3017, 3020
Zenith	3018

Cable Box Codes

Programmable for SAT•CABLE and AUX buttons.

ABC	5002, 5003, 5004, 5005, 5006, 5053
Antronix	5008, 5009
Archer	5008, 5009, 5010
Cabletenna	5008
Cableview	5008
Colour Voice	5012, 5013
Comtronics	5014
Contec	5016
Eastern	5017
GC Electronics	5009

GE	5000, 5001
Gemini	5018, 5019
General Instrument	5003
Hamlin	5020, 5021, 5022, 5028, 5035, 5045
Hitachi	5003
Jerrold	5003, 5018, 5023, 5024, 5046, 5053
Magnavox	5025
Memorex	5026
Movie Time	5027
NEC	5005
NSC	5027
Oak	5016, 5029
Panasonic	5048, 5052
Philips	5011, 5012, 5013, 5015, 5019,
.....	5025, 5030, 5031, 5032
Pioneer	5033, 5034
Proscan	5000, 5001
RCA	5007, 5047, 5049, 5052
Realistic	5009
Regal	5022, 5035
Regency	5017
Rembrandt	5003
Samsung	5034
Scientific Atlanta	5006, 5036, 5037, 5038
Signal	5018
Signature	5003
Sprucer	5052
Standard Components	5039, 5044
Starcom	5018, 5053
Stargate	5018
Starquest	5018
Tandy	5040
Televue	5014
Tocom	5004, 5023
Tusa	5018
TV86	5027
Unika	5008, 5009
United Cable	5053
Universal	5008, 5009, 5010
Viewstar	5025, 5027
Zenith	5050, 5051

Satellite Receiver Codes

Programmable for SAT•CABLE and AUX buttons.

Alphastar	5079
Chapparral	5056, 5057
Dishnet	5078
Drake	5058, 5059
Echostar	5089
GE	5000, 5001
General Instruments	5060, 5061, 5062
Hitachi	5083, 5084
Hughes	5077, 5090
JVC	5082
Panasonic	5075
Philips	5085
Primestar	5076
Proscan	5000, 5001
RCA	5000, 5001, 5071, 5080, 5081
Realistic	5063
Sony	5072
STS1	5064
STS2	5065

Satellite Receiver Codes continued

STS3	5066
STS4	5067
Toshiba	5068, 5073
Uniden	5086

Sherwood	4243
Sony	4195, 4209, 4244
Teac	4245, 4246, 4247
Technics	4197
Toshiba	4231
Yamaha	4198, 4199, 4248

Audio Codes

Programmable for the AUX button only.

RCA and Dimensia

AM/FM	4003, 4270
AUX	4004
Phono	4005
Tape	4006
CD	4007, 4190, 4211

Receivers

Aiwa	4261, 4262, 4263, 4264, 4265, 4266, 4267, 4277
Denon	4283
Harman Kardon	4276
JVC	4268
JVL	4276
Kenwood	4269
Onkyo	4278
Optimus	4284
Panasonic	4279, 4280
Pioneer	4275
RCA	4270
Sherwood	4282
Sony	4271, 4272, 4281
Technics	4279, 4280
Wards	4275
Yamaha	4274, 4275

CD Players

ADC	4200, 4201, 4220
Aiwa	4175, 4203
Akai	4205
Denon	4208
Dynatech	4177
Emerson	4178
Fisher	4179, 4212, 4213
GE	4216
Hitachi	4180
JVC	4181, 4221
Kenwood	4183, 4222, 4224
Luxman	4225
Marantz	4185, 4226
MCS	4228
Mitsubishi	4229, 4230
NEC	4184
Nakamichi	4232, 4233
Onkyo	4186, 4234, 4235
Optimus	4237, 4238, 4239
Panasonic	4188
Pioneer	4189, 4240
RCA	4190, 4211
Sanyo	4250
Sears	4207

Chapter 3: Using the TV's Features

Alert Guard

Alert Guard receives digital data known as SAME (Specific Area Message Encoding) combined with audio information provided by NOAA (National Oceanic and Atmospheric Administration) Weather Radio (NWR).

Note: For more information about NOAA, visit www.noaa.gov.

NOAA conducts a weekly test for the all hazards broadcast system. The test is once a week on Wednesday between 10 a.m. and 12 noon for approximately 15 minutes. The yellow ADVISORY light blinks during the test. If there is ongoing severe weather or a threat of severe weather, the test is postponed until the next available good-weather day. Alert Guard uses this test to ensure you've set the channel and locations properly. If Alert Guard detects a problem, on-screen messages appear to provide help.

The Alert Guard system receives alerts for the U.S., U.S. territories, possessions and associated states, within your local geographic area. Your TV can't receive any alerts for locations outside these areas. Also, if alerts are issued for areas other than those that you set in the *Location* menu, Alert Guard won't notify you of those alerts.

Alerts received by the Alert Guard system follow:

NOAA Natural and Weather Events– These include approximately 30 alerts, such as tornadoes, flash floods, avalanches, blizzards, forest fires, hurricanes, tsunamis, volcanoes, earthquakes, etc.

State and County Civil Emergency Alerts– The Alert Guard feature responds to current civil emergency alerts issued by all hazards NWR network. These include localized nuclear power plant emergencies, gas line breaks, train derailments, missing children alerts (America's Missing: Broadcast Emergency Response– AMBER Alerts), etc. These non-weather emergency messages are not fully implemented nationally.

National, Regional and State Civil Emergency Alerts– These include high level state or federal emergencies, such as national attack warnings, terrorist attack alerts (not alert level or threat condition status), bio-warfare alerts and other immediate life-threatening emergencies. This information is relayed by the Federal Emergency Management Agency (FEMA) and NOAA over the all hazards NWR network.

Alert Guard has several different levels of alerts. A list and explanation follows:

Warning– These alone pose a significant threat to public safety and/or property, probability of occurrence and location is high, and the onset time is relatively short.

Watch– Meets classification of a warning, but either the onset time, probability of occurrence, or location is uncertain.

Advisory– This event by itself might not kill, injure, or cause property damage but may indirectly cause other things to happen that result in a hazard.

A list of the type of alert levels you can receive follows on the next page.

Alerts

Warning level

<i>Avalanche Warning</i>	<i>Nuclear Power Plant Warning</i>
<i>Blizzard Warning</i>	<i>Practice/Demo Warning</i>
<i>Civil Danger Warning</i>	<i>Radiological Hazard Warning</i>
<i>Civil Emergency Message</i>	<i>Severe Thunderstorm Warning</i>
<i>Coastal Flood Warning</i>	<i>Shelter in Place Warning</i>
<i>Dust Storm Warning</i>	<i>Special Marine Warning</i>
<i>Earthquake Warning</i>	<i>Tornado Warning</i>
<i>Emergency Action Notification</i>	<i>Tropical Storm Warning</i>
<i>Fire Warning</i>	<i>Tsunami Warning</i>
<i>Flash Flood Warning</i>	<i>Volcano Warning</i>
<i>Flood Warning</i>	<i>Winter Storm Warning</i>
<i>Hazardous Materials Warning</i>	
<i>High Wind Warning</i>	
<i>Hurricane Warning</i>	
<i>Immediate Evacuation</i>	
<i>Law Enforcement Warning</i>	

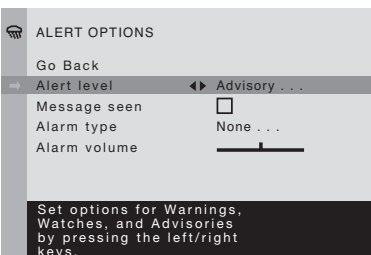
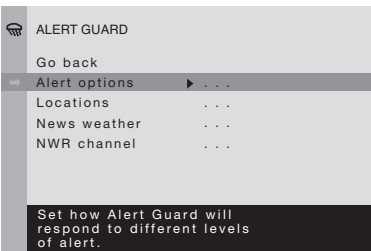
Watch level

<i>Avalanche Watch</i>
<i>Coastal Flood Watch</i>
<i>Flash Flood Watch</i>
<i>Flood Watch</i>
<i>High Wind Watch</i>
<i>Hurricane Watch</i>
<i>Severe Thunderstorm Watch</i>
<i>Tornado Watch</i>
<i>Tropical Storm Watch</i>
<i>Tsunami Watch</i>
<i>Winter Storm Watch</i>

Advisory level

<i>Administrative Message</i>
<i>Child Abduction Emergency (AMBER alerts)</i>
<i>Emergency Action Termination</i>
<i>Flash Flood Statement</i>
<i>Flood Statement</i>
<i>Hurricane Statement</i>
<i>Local Area Emergency</i>
<i>National Information Center Message</i>
<i>Network Message Notification</i>
<i>911 Telephone Outage Emergency</i>
<i>Severe Weather Statement</i>
<i>Special Weather Statement</i>

Note: Alert messages provide only basic information. For example, if a Civil Emergency Message appears on-screen, you need to press HEAR VOICE to hear information about the specific alert it's covering, such as a train derailment, toxic gas leak, oil refinery fire, water supply pollution or an industrial explosion.



Alert Options

You can customize how you want to receive each alert level.

1. Press the MENU button (the *MAIN MENU* appears).
2. Press the down arrow button to highlight *Alert Guard* and press OK.
3. Select *Alert options* from the ALERT GUARD menu.
4. Press the right arrow button to highlight the alert level you want to customize, for example, *Advisory*.
5. Press the down arrow button to highlight *Message seen*. If you want an alert message to appear on-screen when receiving an Advisory, press the right arrow button until the *Message seen* box is checked.

Notes: Alert messages don't appear when the TV is off.

Alert messages provide only basic information. You might need to press HEAR VOICE to get more specific information.

(steps continued on the next page)

Using the TV's Features

6. Press the down arrow button to highlight *Alarm type*. Press the right arrow button to highlight the type of alarm you want to hear when receiving an Advisory. If you don't want any alarm set, choose *None*.

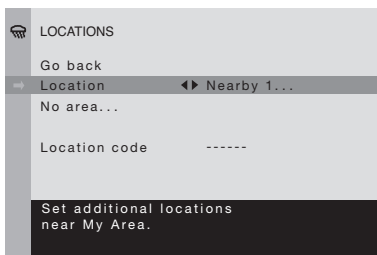
Notes: For models 20F670T, 27V570T and 27F670T, don't leave headphones plugged in when they aren't in use. Alarms will sound through the headphones and not the TV's speakers, causing alarms not to be heard.

If your TV is connected to a receiver, amplifier, home theater system, or other audio equipment, alerts won't be audible through such devices connected to the audio output terminals of the TV; instead, the Alert Guard system will turn on the TV's internal speakers to sound an alarm and make the alerts audible.

7. If you set an Alarm type, press the down arrow button to highlight *Alarm volume*. Press the right or left arrow button to set the highest volume of the alarm. You might want to think of how loud the volume needs to be if you're somewhere else in your home. For example, if you want the alarm to wake you up while sleeping in the other room, then you might need to set the volume at the highest level.

The Siren option is a loud sound, designed to get your attention. The Chime option is a subtle sound for those easily startled. When the Siren or Chime sounds, it starts soft and continues to get louder until it reaches the maximum volume you set. The Voice option is the voice of NWR which states the alert and then shuts off. The Voice option doesn't get louder. It speaks at the volume you set.

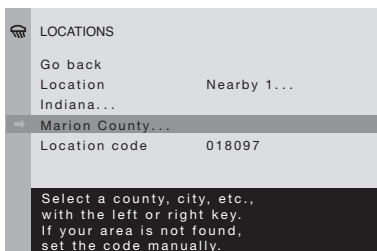
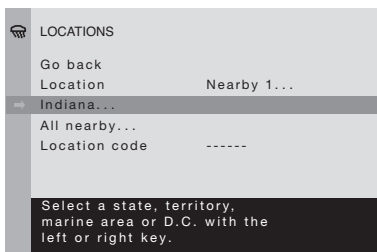
8. When finished, if you want to customize *Warning* or *Watch* level, press the up or down arrow button to highlight *Alert level*. Then follow steps 4-7.



Locations

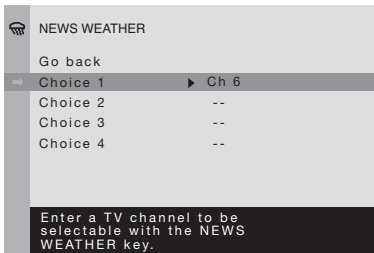
You can receive alerts from three other locations within close proximity of where you live. To set these areas:

1. Press the MENU button (the *MAIN MENU* appears).
2. Press the down arrow button to highlight *Alert Guard* and press OK.
3. Select *Locations* from the ALERT GUARD menu.
4. Press the left or right arrow button to choose which area you want to set, for example *Nearby 1* (if you completed the Alert Guard initial setup, *My Area* has already been set). Set the areas in order of priority.
5. Press the down arrow button to highlight *No area*.
6. Press the right arrow button to highlight the state, territory, or marine area where you are living or District of Columbia. These are listed in alphabetical order, with marine areas at the end of the list (press the left arrow button to access these quickly).
7. Press the down arrow button to highlight *All nearby*.
8. Press the right arrow button to choose another area different than the area set for *My Area*. This could be another county, city, parish, area, borough, district, island, atoll, state or municipality nearby where you are living. The location code is now set. If you want to set another area, press the up arrow button to highlight *Location*. Press CLEAR to exit.



9. If you can't find your location, you need to set it manually. Press the down arrow button to highlight *Location code*.
10. Go to pages 37-54 or call toll-free 1-800-NWR-SAME to find the location code for your area. Enter the code using the number buttons on the remote.

Note: Occasionally the government changes or adds location codes. If you live in a new county or renamed county, you need to call 1-800-NWR-SAME because the code probably isn't in the list. Enter the code using the number buttons on the remote. Question marks (???) will appear in the area above the location code, which is normal since the TV isn't aware of this new area. Alert Guard will still respond if an alert is received for this location.



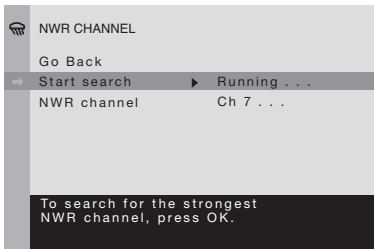
News Weather

You can set up to four different news or weather channels which correspond to the NEWS WEATHER button on the remote.

The default for Choice 1 is channel 6. To set a different channel:

1. Press the down arrow button to highlight *Choice 1*.
2. Press the left or right arrow button to choose the first news weather channel. You can also use the number buttons to enter the channel, for example, channel 12. Press number 1, then 2, and then press OK.
3. To set the other news weather choices, follow the same steps.

Each time you press the NEWS WEATHER button, the TV toggles through the choices in the order they were set.



NWR Channel

Alert Guard can search for the strongest NWR channel to use in order to receive an alert. If your TV is having trouble receiving a channel, you might need to search again for the NWR channel.

1. Select *NWR channel* from the ALERT GUARD menu.
2. Press the down arrow button to highlight *Start search*.
3. Press the OK button to begin the channel search. The TV searches through channels 1-7 to find the strongest reception.

Notes: You might want to search manually for the best channel. The best channel is one that broadcasts information for your local area and is clearly understandable. Highlight NWR channel and press the left or right arrow button to select a channel.

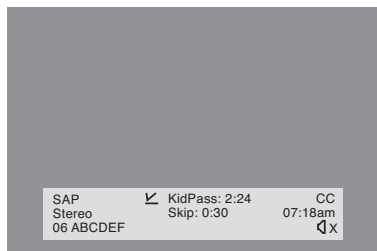
The NWR channel and location work together. A transmitter serves specific counties, cities, etc., nearby. It might be necessary to select a different channel or locations. If Alert Guard detects a problem, on-screen messages appear to provide help.

Channel	Frequency (MHz)
1	162.400
2	162.425
3	162.450
4	162.475
5	162.500
6	162.525
7	162.550

Using the TV's Features

Channel Banner

There are several items that might appear when you press the TV or INFO button on the remote. This display is called the Channel Banner. The following list describes the items on the Channel Banner screen (left to right and top to bottom).



<i>SAP</i>	Displayed when the current channel is broadcasting SAP (Second Audio Program) information.
<i>V</i>	Displayed when V-Chip has been activated.
<i>KidPass: 2:24</i>	Displayed when KidPass is set and the length of time remaining.
<i>CC</i>	Displayed when Closed Captioning is available on the current channel.
<i>Stereo or Mono</i>	Stereo displayed when the current channel is broadcasting in stereo. Mono displayed when the current channel is broadcasting in mono.
<i>Skip: 0:30</i>	Corresponds to the SKIP button. Shows the amount of time left before the TV switches back to the previous channel.
<i>07:18 am</i>	Displays the current time.
<i>06 ABCDEF</i>	Displays the current channel and label assigned to the channel.
<i>⏏</i>	Displayed when you mute the sound.

Why You Should Use the Auto Tuning Feature

The auto tuning feature automatically tunes the TV to the correct channel for different components you have connected to your TV (like a VCR, DVD Player, etc.) When you set up auto tuning in the menu system, you don't have to remember to change your TV to channel 3; for example, when you want to watch the tape in your VCR.

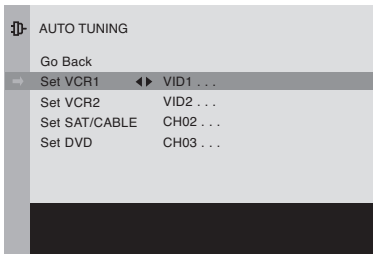
How to Set Up the Auto Tuning Feature

The way you set up the auto tuning feature in the TV's menu corresponds to the component buttons on the remote and the way you have each component connected to your TV. When you set up auto tuning, you're telling the TV what channel to tune to when you press the VCR1, VCR2, DVD, or SAT•CABLE button on the remote control.

1. Press MENU (the *MAIN MENU* appears).
2. Highlight *Setup* and press OK on your remote control.
3. Highlight *Auto Tuning* and press OK.

- Choose which channel you would like to set:
 - Set VCR1* The channel the TV tunes to when you press the VCR1 button.
 - Set VCR2* The channel the TV tunes to when you press the VCR2 button.
 - Set SAT/CABLE* The channel the TV tunes to when you press the SAT•CABLE button.
 - Set DVD* The channel the TV tunes to when you press the DVD button.
- Press the right arrow button to select the choice that matches the way you have the component connected to this TV, and press OK.

The choices and a brief explanation follow:



N/A Choose this if you don't have this particular component connected to the TV, or if you don't want the TV to automatically tune to the correct channel when you're using this component.

CH02 (SAT/CABLE only) Component is connected to the TV ANT jack on the back of the TV, and you want the TV to tune to channel 2 when you press the SAT•CABLE button on the remote. Reminder: make sure the component's Channel 2/3/4 switch is set to channel 2. Usually this switch is on the back of the component.

CH03 or 04 Component is connected to the TV ANT jack on the back of the TV, and you want the TV to tune to channel 3 or 4 when you press the corresponding button on the remote. Reminder: make sure the component's Channel 3/4 switch is set to the appropriate channel.

VID1 Component is connected to the VIDEO 1 VIDEO or S-VIDEO jack on the back of the TV and you want the TV to tune to a video input channel when you press the corresponding button.

VID2 Component is connected to the VIDEO 2 VIDEO or Y, Pb, Pr jacks on the back of the TV and you want the TV to tune to a video or component video input channel when you press the corresponding button.

VID3 Compatible component video source, such as a DVD player or digital TV converter box, is connected to the VIDEO 3 Y, Pb, Pr jacks on the back of the TV and you want the TV to tune to the component video input channel when you press the corresponding button.

FRNT (Front Video Input) Component is connected to the VIDEO or S-VIDEO jack on the front of the TV and you want the TV to tune to the front video input channel when you press the corresponding button.

Using the TV's Features

Parental Controls and V-Chip

The choices in the *USA V-CHIP* menu involve software inside your TV (referred to as V-Chip) which allows you to block TV programs and movies based on violence, sex, or other content you may believe children should not view.

Once you block programs, you can unblock programs by entering a password.

By default, the software inside your TV is turned "off." For instructions to turn on V-Chip, go to page 28.

How V-Chip Works

V-Chip reads the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains, you will receive the message *This channel has not been approved for viewing. Change channel or press OK to enter password and temporarily deactivate the Parental Control.*

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given a rating of Not Rated, and programs that are considered unrated. The TV age-based ratings and content themes you can block follow:

USA V-Chip Rating System

TV-MA (Mature Audience Only) Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).

TV-14 (Parents Strongly Cautioned) Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).

TV-PG (Parental Guidance Suggested) Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).

TV-G (General Audience) Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).

TV-Y7 (Directed to Children 7 years and older) Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.

TV-Y (All Children) Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.

USA V-Chip TV Rating Limit

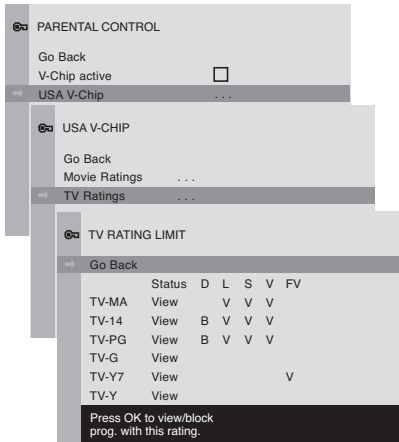
The V-Chip TV Rating Limit lets you decide which TV programs can and cannot be viewed.

To set TV programming limits:

1. Choose *Parental Control* from the MAIN MENU (the *PASSWORD* screen appears the first time you enter the *Parental Control* menu). Create your password using the number buttons on the remote.
2. Highlight and select *USA V-Chip*. Then select *TV Ratings*.
3. Once you get to the *TV RATING LIMIT* screen, use the arrow buttons and OK on your remote to change the status of a TV program rating or content theme from *View* to *Block*.
4. For TV rating limits to take effect, turn on *V-Chip active* in the *PARENTAL CONTROL* menu (box has check mark).

The following sections give you more details about how to change the status of TV program limits.

Note: If you forget your password you can reset it. Make sure the TV is off. Simultaneously press and hold VOL< on the TV's front panel and CLEAR on the remote for approximately 5 seconds. Enter a new password the next time you access the PARENTAL CONTROL menu.



The V-Chip Rating Screen

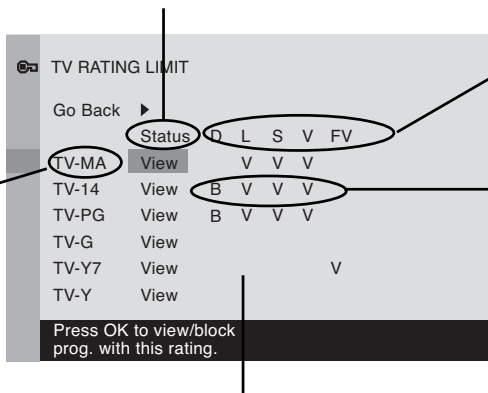
The following is an example of where items are located within the Rating Limit screen.

Rating Status Field

Lets you select whether the status of the age-based rating limit to the left is *View* or *Block*.

Rating Field

Lets you select from a list of age-based ratings you can block or view.



Content Themes

Lets list the content themes you can block or view.

Content Status Fields

Lets you select which content themes to view for the selected rating, and whether the status of the content theme is currently *View* (V) or *Block* (B).

Rating Settings Area

Lets you see the current block/view state of age-based ratings and associated content.

Using the TV's Features

Hierarchy of Age-Based Ratings	
TV-MA	Mature Audience Only
TV-14	Parents Strongly Cautioned
TV-PG	Parental Guidance Suggested
TV-G	General Audience
TV-Y7	Directed to Children 7 years and older
TV-Y	All Children

Blocking Age-Based Ratings

You can automatically block all program ratings above a specified age-based rating level.

To block programs with higher ratings:

1. Press the up or down arrow button to scroll to the rating corresponding with the lowest rating you don't want the child to watch.
2. Press the OK button to toggle between *View* and *Block*. The status for the rating listed to the left and all higher ratings automatically changes to *Block*.
3. Press the up or down arrow button to highlight *Go back* and press OK.
4. Turn on *V-Chip active* in the *PARENTAL CONTROL* menu (box has check mark) for rating limits to take effect.

Viewing Age-Based Ratings

After you block age-based ratings, you can change some of the ratings back to *View*.

1. Press the up or down arrow button to select the rating with a status of *Block*.
2. Press OK to select *View*.

Content Themes	
D	Sexually explicit dialogue
L	Adult language
S	Sexual situations
V	Violence
FV	Fantasy Violence

Blocking Specific Content Themes

You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

To block program content:

1. Determine the content themes you want to block.
2. Press the down arrow button to scroll to the rating whose content theme you want to change.
3. Press the right arrow button to move the highlight to a particular content theme status.
4. Press the OK button to change its status to *B*. (In the example to the left, you block the language (L) corresponding with TV-14. The language for TV-MA is blocked as well).

Notes: Broadcasters are not required to provide content themes or age-based ratings.

You must remember to activate Parental Controls for rating limits to take effect.

TV RATING LIMIT	
Go Back	
Status	D L S V FV
TV-MA	View B V V
TV-14	View V B V V
TV-PG	View V V V V
TV-G	View
TV-Y7	View V
TV-Y	View
Press OK to view/block prog. containing adult language.	

Viewing Specific Content Themes

If you block specific content themes, you have the option of going back and changing some of the content themes back to *(V) View*:

1. Determine the content themes you want to change to *(V) View*.
2. Press the down arrow button to scroll to the rating whose content theme you want to change, such as *B* under language (L) corresponding with TV-14.
3. Press the right arrow button to move the highlight to a particular content theme status.
4. Press the OK button to change the status back to *V*. Your child would then be able to watch programs with the TV-14 adult language content, but not programs with TV-MA language content.

Note: Only the content theme status corresponding to TV-14 (L) language changes to (V) View. Higher rated content themes, such as that for TV-MA language, do not change.

V-Chip Movie Rating Limit

Set movie rating limits by blocking movies rated above a specified level.

To access the Movie Rating menu:

1. Press MENU on the remote control (the *MAIN MENU* appears).
2. Select *Parental Control*.
3. Select *USA V-Chip*.
4. Select *Movie Ratings*.

Blocking Movie Ratings

Once you are in the Movie Rating Limit menu, follow these steps to block V-Chip Ratings:

1. Determine the rating you want to block.
2. Press the down arrow button to scroll to the rating you want to change.
3. Press the OK button to change its status to block (the lock icon appears and all ratings above the one you selected change to lock).

V-Chip Exempt Program Block

The *Exempt Prgms.* option lets you decide if programs that the V-Chip recognizes as unrated can be viewed. Unrated TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings.

Unlocked All unrated programs are available.

Locked All unrated programs are not available.

Note: You must remember to activate V-Chip for rating limits to take effect.

Press the down arrow button to highlight *Exempt Prgms.* Then press the right arrow button to toggle between the lock and unlock icon.

Using the TV's Features

KidPass

The KidPass feature allows parents to set a certain amount of time every day of the week that a child can watch TV. To set KidPass:

1. Select *Parental Control* from the main menu.
2. Select *KidPass* (the *KIDPASS* menu appears with *Current Day* highlighted).
Note: If you can't select KidPass, you need to set the time. Highlight Go Back, press the right arrow button, then select Time. Highlight Time, then enter the time using the number buttons.
3. Press the right arrow button to select the current day.
4. Press the down arrow button to choose the day of the week.
5. After you've chosen the day of the week, press the right arrow button to select the amount of time: *Free* and *00:30* up to *16:00* (30 minute increments).
6. When you're done setting KidPass, select *Go Back*.
7. Highlight *KidPass active* and press the right arrow button to activate the KidPass settings (box has check mark). The KidPass takes effect immediately.

When the time has expired, the TV shuts off. If you turn on the TV the same day it shut off, the password screen appears (enter the password used for V-Chip).

V-Chip Active

Selecting this option lets you activate and deactivate parental control settings.

1. From the *PARENTAL CONTROL* menu, press the up or down arrow button to highlight *V-Chip active*.
2. Press the right or left arrow button to turn on (box has check mark) or off (box doesn't have check mark) *V-Chip active*.

If you do not activate V-Chip, none of the settings for V-Chip will take effect.

If you forget your password you can reset it. Make sure the TV is off.

Simultaneously press and hold *VOL<* on the TV's front panel and *CLEAR* on the remote for approximately 5 seconds. Enter a new password the next time you access the *PARENTAL CONTROL* menu.

Front Panel Lock

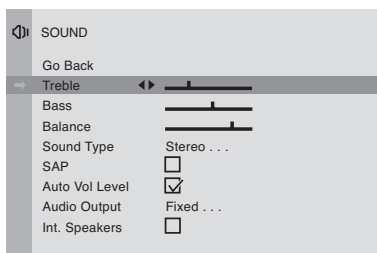
Selecting this option lets you lock (disable) or unlock (enable) the TV's front panel.

The remote still tunes to any channel. When using this as a Parental Control method, remove access to any remote that is capable of operating the television.

1. From the *PARENTAL CONTROL* menu, press the up or down arrow button to highlight *Lock Fr. Panel*.
2. Press the right or left arrow button to turn on (box has check mark) or off (box doesn't have check mark) front panel lock.

Change Password

Selecting this option lets you simply create a new password at any time. Once you enter a new password from *Change Passwd.* in the *PARENTAL CONTROL* menu it is the password you use until you change it again.



Sound Menu

Treble Increases or decreases the treble.

Bass Increases or decreases the bass.

Balance Press the right arrow button to increase the audio output in the right speaker; press the left arrow button to increase the audio output in the left speaker.

Sound type Press the right arrow button to scroll through the available audio types, which control the way the sound comes through your speakers: *Mono* plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals; *Stereo* to split the incoming stereo audio signal into left and right channels; and *Enhanced* for simulated surround sound. Most TV programs and recorded materials have stereo audio. The word *Stereo* appears on the TV when you tune to a program that is broadcast in stereo.

SAP (Second Audio Program) Plays the program's audio in a second language, if one is available. The TV displays the word *SAP* when you tune to a program that is broadcast with *SAP* information. *SAP* audio is broadcast in mono. *SAP* is also used to broadcast a program's audio with descriptions of the video for the visually impaired. Press OK to turn *SAP* on or off.

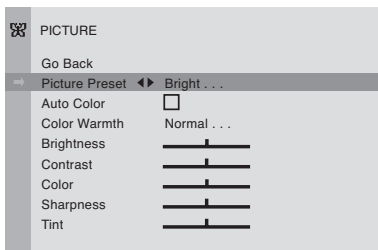
Auto Vol level (Auto Volume Level) Reduces the annoying blasts in volume during commercial breaks. Eliminates the need to constantly adjust volume control. Press OK to turn *Auto Vol level* on or off.

Audio Output Press the right arrow button to scroll through the available output settings: *Fixed* allows fixed output from the TV's audio output jacks to an external component, such as a surround sound amplifier; and *Variable* allows variable output from the TV's audio output jacks.

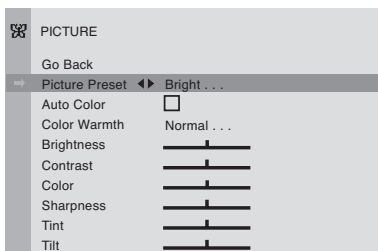
Int. Speakers (Internal Speakers) Turns the TV's internal speakers on or off. Turn off the internal speakers if you have an audio receiver or amplifier connected to the TV. Press OK to turn *Int. Speakers* on or off.

Note: Turning the internal speakers off doesn't affect Alert Guard. When an alarm sounds or when the NWR is turned on, Alert Guard will temporarily override this setting.

Using the TV's Menu System



20F670T, 27V570T, and 27F670T
Picture menu



32F670T Picture menu

Picture Menu

The *PICTURE* menu options apply to the video for the main TV and video input selections.

Picture Preset Press the right arrow button to scroll through the available picture preset settings: *Natural*, *Bright*, *Soft*, and *Personal*. Choose the setting that is best for your viewing environment.

Auto Color Turn this option on to automatically correct the color of the picture. This is especially useful for tracking realistic flesh tone colors as you switch from channel to channel.

Color Warmth Press the right arrow button to scroll through the color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; and *Warm* for a more red palette of picture colors.

Brightness Adjusts the brightness of the picture.

Contrast Adjusts the difference between the light and dark areas of the picture.

Color Adjusts the richness of the color.

Sharpness Adjusts the crispness of the edges in the picture.

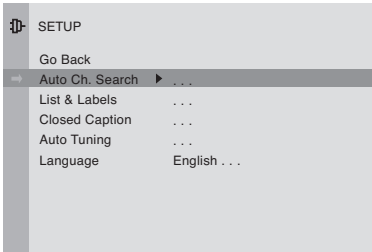
Note: Sharpness isn't available for component video input channels (CVID2 or CVID3).

Tint Adjusts the balance between the red and green levels.

Note: Tint isn't available for component video input channels (CVID2 or CVID3).

When you change any of these picture settings, the *Picture Preset* changes to *Personal*. Use the left or right arrow button to make adjustments. To return to the *PICTURE* menu, press the up or down arrow button.

Tilt (*Available only on model 32F670T*) The TV has an extra large picture tube that makes it vulnerable to the effects of the Earth's magnetic field. You may need to adjust the picture tilt.



Setup Menu

Auto Ch. Search (Auto Channel Search) Allows you to choose your signal type and begin an auto channel search.

Signal Type Press the left or right arrow button to select the signal your TV is receiving. Choose *Cable* if you are currently using cable or a cable box for TV signals. Choose *Antenna* if you are currently using an off-air antenna for TV signals.

Start Searches for channels the signal is receiving and stores them in the TV's channel list. Go to page 9 for more information.

List & Labels Edit the channels in the list or choose labels for each channel. For example, if channel 12 is NBC, you can use this feature to label it *NBC* so it appears on-screen as part of the Channel Banner.

To delete a channel from the channel list, highlight *Channel* and use the left or right arrow button to select the channel. Then highlight *In list* and press the OK button. The box should no longer display a check mark.

To add a label to a channel, select the channel in the *Channel* option. Press the down arrow button to highlight *Label*. Press the right arrow button to highlight the first space. Use the up or down arrow button to ascend or descend through the characters. Continue to press the right arrow button to highlight the space and the up or down arrow button to add a character. Press OK when you're finished adding a label.

Closed Caption Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. When a program is closed captioned, *CC* is displayed in the Channel Banner. Go to Chapter 3 for more information about the Channel Banner. The closed caption options are:

CC Display Lets you choose the way closed captioning information is shown on the screen.

Off No captioning information displayed.

On Captioning information always appears, when available.

Muted=On Displays captioning information, when available, whenever the TV's sound is muted by pressing the MUTE button. The captioning information is not displayed when the sound is not muted.

Using the TV's Menu System

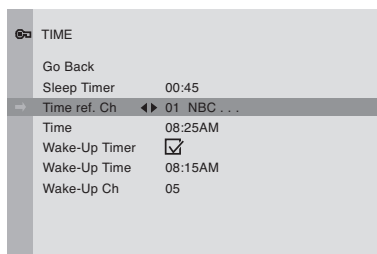
CC Mode Choose which captioning mode is used for displaying captioning information. If you are unsure of the differences among the modes, you may prefer to leave the closed captioned mode set to CC1, which displays complete text of the program in the primary language in your area.

Auto Tuning Displays a choice list that lets you set up the TV to automatically tune to the correct video input channel when you press a component button (VCR1, VCR2, DVD, SAT•CABLE, etc.) on the remote. Go to Chapter 3 for details about the auto tuning feature.

Language Lets you select your preferred language for the menus, which you should have set in the Initial Setup. Go to page 9 for more information.

Parental Control Menu

The Parental Control menu was explained in Chapter 3. Go to page 24 for more information.



Time Menu

Sleep Timer Lets you set the TV to turn off after a given time. Press the right arrow button to add 15 minutes to the clock (up to four hours).

Time ref. Ch (Time reference Channel) Choose your PBS station to have the TV set the time for you.

Time Time is set if you select a reference channel (see above). If time is not obtained, then enter it manually. If it is 8:25, for example, you must first press the number 0 on the remote, then number 8, then 2 and then 5. Use the OK button to choose between AM and PM.

Wake-Up Timer Lets you set the TV to turn itself on.

Note: If the TV turns on by the wake-up timer and no remote or front panel buttons are pressed for 2 hours, the TV will turn itself off.

Wake-Up Time Lets you set the time you want the TV to turn itself on.

Wake-Up Ch (Wake-Up Channel) Lets you select a specific channel the TV tunes to when the wake-up timer is set.

Alert Guard Menu

The Alert Guard menu was explained in Chapter 3. Go to page 18 for more information.

Troubleshooting

Most problems with your TV can be corrected by consulting the following troubleshooting list.

Note for U.S. customers: If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359. For additional assistance while using your RCA product, please visit www.rca.com/customersupport.

Alert Guard Problems

NWR channel not clear

- Make sure you have connected the provided Alert Guard antenna to the EXT Alert Guard ANT jack on the back of the TV. Go to page 8 for more information.
- You might be tuned to an NWR channel outside your immediate area. Go to the *NWR CHANNEL* menu to check all NWR channels receiving local area forecasts. Select the channel that sounds most appropriate.
- If the signal's still not clear, you might need to connect an outdoor or amplified antenna to the EXT Alert Guard ANT jack on the back of the TV. For optimal reception, connect an outdoor antenna. Use an amplified antenna if you can't connect an outdoor antenna. Go to page 59 to purchase an amplified antenna.

Not getting local weather information from the NWR channel

- Make sure the NWR channel is set to a local channel.

Message on-screen that READY light is out and NWR channel can't send alerts for My Area

- You might be tuned to an NWR channel outside your immediate area. Go to the *NWR CHANNEL* menu to check all NWR channels receiving forecasts for your local area. If several channels sound equally as good, pick the one with your local forecast.
- You might have set *My Area* to a location where the TV isn't located. For example, you might live in Indiana, but have a cottage in Ottawa County, Michigan. If the TV is in Michigan, you need to set the state of *My Area* to Michigan and the county to Ottawa County. Go to the *Alert Guard* menu and select *Locations* to check *My Area* setting.
- In rare cases, the NWR channel might not serve your area (generally, rural areas). From the *LOCATIONS* menu select the next closest area to you or choose your state and select *All nearby*.

Message on-screen that READY light is out and no weekly test was received

- If you live in an area that generally does not receive good reception and you've tried setting a different NWR channel, you might need to connect an outdoor or amplified antenna to the EXT Alert Guard ANT jack on the back of the TV. For optimal reception, connect an outdoor antenna. Use an amplified antenna if you can't connect an outdoor antenna. Go to page 59 to purchase an amplified antenna.
- If weather conditions are bad for several consecutive days, NOAA might not have been able to broadcast a test. If so, press CLEAR after receiving the message and check in a few days to see if the green READY light is back on. If the problem persists, the message will appear again in 9 days. Failure to fix the problem could result in alerts not being received.

Message on-screen that areas were removed

- NWR channel can't provide information for locations *Nearby 1, 2, or 3* (areas set in the *LOCATIONS* menu) if they're outside the reception area.

Other Information

Message on-screen that I might have missed alerts

- Check the green light. If on, the signal might have been lost momentarily due to interference.
- The NWR channel might be too weak. Press the HEAR VOICE button on the remote. If it's not clear, you need to search for a stronger channel in the *NWR CHANNEL* menu. If you're already receiving the strongest channel, connect an external or amplified antenna to the EXT Alert Guard ANT jack on the back of the TV. For best reception, the external antenna should be located outside your home.

Message on-screen that power was interrupted

- The TV can't receive alerts during a power outage. Press the HEAR VOICE button once power is restored to hear any alerts that might have been issued.

Message seen option not working

- The TV can't display the message when the TV is off. Press the VIEW MESSAGE button to view the alert.

Receiving too many alerts

- Go to the *Alert Guard* menu and select *Locations*. Check all the locations you set. If you've chosen *All of U.S.* or *All nearby*, you might want to select a specific area.
- If all four locations have been set in the *LOCATIONS* menu, consider setting *Nearby 1, 2* and *3* to *No Area*. Highlight the state you set for these areas and then press the left or right arrow button to choose *No Area* (it is listed before *Alabama* and after *St. Lawrence River*).

TV Problems

TV won't turn on

- Press the TV button.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions on page 35.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Lock Fr. Panel* in the *PARENTAL CONTROL* menu and press OK (box won't have check mark).

Buttons don't work

- If you're using the remote control, press the TV button first to make sure the remote is in TV mode.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Lock Fr. Panel* in the *PARENTAL CONTROL* menu and press OK (box won't have check mark).
- Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again.

TV turns off unexpectedly

- Sleep timer may have been activated. Go to page 32 for instructions.
- KidPass may have been activated. Go to page 28 for instructions.
- Wake-up timer turned on the TV and no remote or front panel buttons were pressed for two hours.

- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.
- Unplug TV. Wait five minutes. Plug it in again.

TV turns on unexpectedly

- Wake-up timer might have been activated. Go to page 32 for instructions.
- You might have pressed CH+, CH- or OK on the remote accidentally.

Blank screen

- Make sure you have connected the component to the TV correctly.
- Make sure the component connected to the TV's turned on and the TV's tuned to the corresponding video input channel.
- Try another channel.

No sound, picture okay

- Maybe the sound is muted. Try pressing the volume up button to restore sound.
- Make sure the audio cables are fully connected to the AUDIO input jacks.
- If using S-Video or Y, P_B, P_R, remember to also connect the component's left and right audio output jacks to the TV's AUDIO input jacks.
- Make sure the *Int. Speakers* option in the *SOUND* menu is turned on.

Can't select certain channel

- Channel may be blocked or not approved through the V-Chip.
- If using a VCR, check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Noisy stereo reception

- May be a weak station. Access the *SOUND* menu, highlight *Sound Type* and then choose *Mono*.

No picture/blue screen, no sound but TV is on

- Maybe the signal type is set wrong. Go to page 31 for detailed instructions.
- The channel might be blank – change channels.
- If you're watching your VCR and it's connected with a coaxial cable to the TV ANT jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Sound okay, picture poor

- Check antenna and video connections. Make sure all of the cables are firmly connected to the jacks.
- Try adjusting the sharpness function to improve weak signals. Go to page 30 for more instructions.

Black box appears on the screen

- Closed-captioning might be on. Check *Closed Caption* in the *Setup* menu. Go to page 31 for more instructions.

PASSWORD menu appears

- KidPass option is activated and you try to reset the time.
- You turn the TV on after KidPass shut off the TV.

Other Information

The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the component (TV or VCR) that you're trying to operate.
- Maybe remote is not in TV Mode. Press the TV button so remote will control TV.
- Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote. (Note, if you remove the batteries, you may have to reprogram the remote to operate other components.)
- You might need to reset the remote: remove batteries and press the number 1 button for at least 60 seconds. Release the 1 button, replace the batteries, and (if necessary) program the remote again.

Problems with V-Chip/Parental Controls

The rating limits don't work

- You must lock the settings. Go to the *MAIN MENU* (press MENU on your remote), select *Parental Control*, select *V-Chip active*.

I don't remember my password and I want to unlock the TV

- If you forget your password you can reset it. Make sure the TV is off. Simultaneously press and hold VOL< on the TV's front panel and CLEAR on the remote for approximately 5 seconds. Enter a new password the next time you access the *PARENTAL CONTROL* menu.

The V-Chip won't let me watch a program even though it's not rated as violent

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set *NR* to *View* separately in order to view movies with an NR rating.

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.

You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

While cleaning do not spray liquid directly on the lights on the front of the TV, on the screen, or allow liquid to run down the screen and inside the TV. Also, never place drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Alert Guard Location Codes

If you can't find your location code, call 1-888-NWR-SAME

<u>Alabama Counties</u>	Marshall	001095	Fairbanks	002240	Crawford	005033	
Autauga	001001	Mobile	001097	Valdez-Cordova	002261	Crittenden	005035
Baldwin	001003	Monroe	001099	Wade Hampton	002270	Cross	005037
Barbour	001005	Montgomery	001101	Wrangell-		Dallas	005039
Bibb	001007	Morgan	001103	Petersburg	002280	Desha	005041
Blount	001009	Perry	001105	Yakutat	002282	Drew	005043
Bullock	001011	Pickens	001107	Yukon-Koyukuk	002290	Faulkner	005045
Butler	001013	Pike	001109	<u>American Samoa</u>		Franklin	005047
Calhoun	001015	Randolph	001111	Eastern District	060010	Fulton	005049
Chambers	001017	Russell	001113	Manu'a District	060020	Garland	005051
Cherokee	001019	St. Clair	001115	Rose Island	060030	Grant	005053
Chilton	001021	Shelby	001117	Swains Island	060040	Greene	005055
Choctaw	001023	Sumter	001119	Western District	060050	Hempstead	005057
Clarke	001025	Talladega	001121	<u>Arizona Counties</u>		Hot Spring	005059
Clay	001027	Tallapoosa	001123	Apache	004001	Howard	005061
Cleburne	001029	Tuscaloosa	001125	Cochise	004003	Independence	005063
Coffee	001031	Walker	001127	Coconino	004005	Izard	005065
Colbert	001033	Washington	001129	Gila	004007	Jackson	005067
Conecuh	001035	Wilcox	001131	Graham	004009	Jefferson	005069
Coosa	001037	Winston	001133	Greenlee	004011	Johnson	005071
Covington	001039	<u>Alaska</u>		LaPaz	004012	Lafayette	005073
Crenshaw	001041	Aleutians East	002013	Maricopa	004013	Lawrence	005075
Cullman	001043	Aleutians West	002016	Mohave	004015	Lee	005077
Dale	001045	Anchorage	002020	Navajo	004017	Lincoln	005079
Dallas	001047	Bethel	002050	Pima	004019	Little River	005081
DeKalb	001049	Bristol Bay	002060	Pinal	004021	Logan	005083
Elmore	001051	Denali	002068	Santa Cruz	004023	Lonoke	005085
Escambia	001053	Dillingham	002070	Yavapai	004025	Madison	005087
Etowah	001055	Fairbanks N. Star	002090	Yuma	004027	Marion	005089
Fayette	001057	Haines	002100	<u>Arkansas Counties</u>		Miller	005091
Franklin	001059	Juneau	002110	Arkansas	005001	Mississippi	005093
Geneva	001061	Kenai Peninsula	002122	Ashley	005003	Monroe	005095
Greene	001063	Ketchikan Gtwy.	002130	Baxter	005005	Montgomery	005097
Hale	001065	Kodiak Island	002150	Benton	005007	Nevada	005099
Henry	001067	Lake Et Peninsula	002164	Boone	005009	Newton	005101
Houston	001069	Matanuska-		Bradley	005011	Ouachita	005103
Jackson	001071	Susitna	002170	Calhoun	005013	Perry	005105
Jefferson	001073	Nome	002180	Carroll	005015	Phillips	005107
Lamar	001075	North Slope	002185	Chicot	005017	Pike	005109
Lauderdale	001077	Northwest Artic	002188	Clark	005019	Poinsett	005111
Lawrence	001079	Pr. Wales-Outer		Clay	005021	Polk	005113
Lee	001081	Ketch	002201	Cleburne	005023	Pope	005115
Limestone	001083	Sitka	002220	Cleveland	005025	Prairie	005117
Lowndes	001085	Skagway-		Columbia	005027	Pulaski	005119
Macon	001087	Hoonah-Ang	002232	Conway	005029	Randolph	005121
Madison	001089	Southeast		Craighead	005031	St. Francis	005123
Marengo	001091						
Marion	001093						

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Saline	005125	San Benito	006069	Garfield	008045	Tolland	009013
Scott	005127	San Bernardino	006071	Gilpin	008047	Windham	009015
Searcy	005129	San Diego	006073	Grand	008049	<u>Delaware Counties</u>	
Sebastian	005131	San Francisco	006075	Gunnison	008051	Kent	010001
Sevier	005133	San Joaquin	006077	Hinsdale	008053	New Castle	010003
Sharp	005135	San Luis Obispo	006079	Huerfano	008055	Sussex	010005
Stone	005137	San Mateo	006081	Jackson	008057	<u>Federated States of</u>	
Union	005139	Santa Barbara	006083	Jefferson	008059	<u>Micronesia</u>	
Van Buren	005141	Santa Clara	006085	Kiowa	008061	Chuuk	064002
Washington	005143	Santa Cruz	006087	Kit Carson	008063	Kosrae	064005
White	005145	Shasta	006089	Lake	008065	Pohnpei	064040
Woodruff	005147	Sierra	006091	La Plata	008067	Yap	064060
Yell	005149	Siskiyou	006093	Larimer	008069	<u>Florida Counties</u>	
<u>California Counties</u>		Solano	006095	Las Animas	008071	Alachua	012001
Alameda	006001	Sonoma	006097	Lincoln	008073	Baker	012003
Alpine	006003	Stanislaus	006099	Logan	008075	Bay	012005
Amador	006005	Sutter	006101	Mesa	008077	Bradford	012007
Butte	006007	Tehama	006103	Mineral	008079	Brevard	012009
Calaveras	006009	Trinity	006105	Moffat	008081	Broward	012011
Colusa	006011	Tulare	006107	Montezuma	008083	Calhoun	012013
Contra Costa	006013	Tuolumne	006109	Montrose	008085	Charlotte	012015
Del Norte	006015	Ventura	006111	Morgan	008087	Citrus	012017
El Dorado	006017	Yolo	006113	Otero	008089	Clay	012019
Fresno	006019	Yuba	006115	Ouray	008091	Collier	012021
Glenn	006021	<u>Colorado Counties</u>		Park	008093	Columbia	012023
Humboldt	006023	Adams	008001	Phillips	008095	DeSoto	012027
Imperial	006025	Alamosa	008003	Pitkin	008097	Dixie	012029
Inyo	006027	Arapahoe	008005	Prowers	008099	Duval	012031
Kern	006029	Archuleta	008007	Pueblo	008101	Escambia	012033
Kings	006031	Baca	008009	Rio Blanco	008103	Flagler	012035
Lake	006033	Bent	008011	Rio Grande	008105	Franklin	012037
Lassen	006035	Boulder	008013	Routt	008107	Gadsden	012039
Los Angeles	006037	Broomfield	008014	Saguache	008109	Gilchrist	012041
Madera	006039	Chaffee	008015	San Juan	008111	Glades	012043
Marin	006041	Cheyenne	008017	San Miguel	008113	Gulf	012045
Mariposa	006043	Clear Creek	008019	Sedgwick	008115	Hamilton	012047
Mendocino	006045	Conejos	008021	Summit	008117	Hardee	012049
Merced	006047	Costilla	008023	Teller	008119	Hendry	012051
Modoc	006049	Crowley	008025	Washington	008121	Hernando	012053
Mono	006051	Custer	008027	Weld	008123	Highlands	012055
Monterey	006053	Delta	008029	Yuma	008125	Hillsborough	012057
Napa	006055	Denver	008031	<u>Connecticut Counties</u>		Holmes	012059
Nevada	006057	Dolores	008033	Fairfield	009001	Indian River	012061
Orange	006059	Douglas	008035	Hartford	009003	Jackson	012063
Placer	006061	Eagle	008037	Litchfield	009005	Jefferson	012065
Plumas	006063	Elbert	008039	Middlesex	009007	Lafayette	012067
Riverside	006065	El Paso	008041	New Haven	009009	Lake	012069
Sacramento	006067	Fremont	008043	New London	009011	Lee	012071

If you can't find your location code, call 1-888-NWR-SAME

Leon	012073	Bulloch	013031	Gordon	013129	Pickens	013227
Levy	012075	Burke	013033	Grady	013131	Pierce	013229
Liberty	012077	Butts	013035	Greene	013133	Pike	013231
Madison	012079	Calhoun	013037	Gwinnett	013135	Polk	013233
Manatee	012081	Camden	013039	Habersham	013137	Pulaski	013235
Marion	012083	Candler	013043	Hall	013139	Putnam	013237
Martin	012085	Carroll	013045	Hancock	013141	Quitman	013239
Miami-Dade	012086	Catoosa	013047	Haralson	013143	Rabun	013241
Monroe	012087	Charlton	013049	Harris	013145	Randolph	013243
Nassau	012089	Chatham	013051	Hart	013147	Richmond	013245
Okalooosa	012091	Chattahoochee	013053	Heard	013149	Rockdale	013247
Okeechobee	012093	Chattooga	013055	Henry	013151	Schley	013249
Orange	012095	Cherokee	013057	Houston	013153	Screven	013251
Osceola	012097	Clarke	013059	Irwin	013155	Seminole	013253
Palm Beach	012099	Clay	013061	Jackson	013157	Spalding	013255
Pasco	012101	Clayton	013063	Jasper	013159	Stephens	013257
Pinellas	012103	Clinch	013065	Jeff Davis	013161	Stewart	013259
Polk	012105	Cobb	013067	Jefferson	013163	Sumter	013261
Putnam	012107	Coffee	013069	Jenkins	013165	Talbot	013263
St. Johns	012109	Colquitt	013071	Johnson	013167	Taliaferro	013265
St. Lucie	012111	Columbia	013073	Jones	013169	Tattnell	013267
Santa Rosa	012113	Cook	013075	Lamar	013171	Taylor	013269
Sarasota	012115	Coweta	013077	Lanier	013173	Telfair	013271
Seminole	012117	Crawford	013079	Laurens	013175	Terrell	013273
Sumter	012119	Crisp	013081	Lee	013177	Thomas	013275
Suwannee	012121	Dade	013083	Liberty	013179	Tift	013277
Taylor	012123	Dawson	013085	Lincoln	013181	Toombs	013279
Union	012125	Decatur	013087	Long	013183	Towns	013281
Volusia	012127	DeKalb	013089	Lowndes	013185	Treutlen	013283
Wakulla	012129	Dodge	013091	Lumpkin	013187	Troup	013285
Walton	012131	Dooly	013093	McDuffie	013189	Turner	013287
Washington	012133	Dougherty	013095	McIntosh	013191	Twiggs	013289
<u>Georgia Counties</u>		Douglas	013097	Macon	013193	Union	013291
Appling	013001	Early	013099	Madison	013195	Upson	013293
Atkinson	013003	Echols	013101	Marion	013197	Walker	013295
Bacon	013005	Effingham	013103	Meriwether	013199	Walton	013297
Baker	013007	Elbert	013105	Miller	013201	Ware	013299
Baldwin	013009	Emanuel	013107	Mitchell	013205	Warren	013301
Banks	013011	Evans	013109	Monroe	013207	Washington	013303
Barrow	013013	Fannin	013111	Montgomery	013209	Wayne	013305
Bartow	013015	Fayette	013113	Morgan	013211	Webster	013307
Ben Hill	013017	Floyd	013115	Murray	013213	Wheeler	013309
Berrien	013019	Forsyth	013117	Muscogee	013215	White	013311
Bibb	013021	Franklin	013119	Newton	013217	Whitfield	013313
Bleckley	013023	Fulton	013121	Oconee	013219	Wilcox	013315
Brantley	013025	Gilmer	013123	Oglethorpe	013221	Wilkes	013317
Brooks	013027	Glascokc	013125	Paulding	013223	Wilkinson	013319
Bryan	013029	Glynn	013127	Peach	013225	Worth	013321

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Hawaii Counties		Twin Falls	016083	Kane	017089	Wabash	017185
Hawaii	015001	Valley	016085	Kankakee	017091	Warren	017187
Honolulu	015003	Washington	016087	Kendall	017093	Washington	017189
Kalawao	015005	Illinois Counties		Knox	017095	Wayne	017191
Kauai	015007	Adams	017001	Lake	017097	White	017193
Maui	015009	Alexander	017003	La Salle	017099	Whiteside	017195
Idaho Counties		Bond	017005	Lawrence	017101	Will	017197
Ada	016001	Boone	017007	Lee	017103	Williamson	017199
Adams	016003	Brown	017009	Livingston	017105	Winnebago	017201
Bannock	016005	Bureau	017011	Logan	017107	Woodford	017203
Bear Lake	016007	Calhoun	017013	McDonough	017109	Indiana Counties	
Benewah	016009	Carroll	017015	McHenry	017111	Adams	018001
Bingham	016011	Cass	017017	McLean	017113	Allen	018003
Blaine	016013	Champaign	017019	Macon	017115	Bartholomew	018005
Boise	016015	Christian	017021	Macoupin	017117	Benton	018007
Bonner	016017	Clark	017023	Madison	017119	Blackford	018009
Bonneville	016019	Clay	017025	Marion	017121	Boone	018011
Boundary	016021	Clinton	017027	Marshall	017123	Brown	018013
Butte	016023	Coles	017029	Mason	017125	Carroll	018015
Camas	016025	Cook	017031	Massac	017127	Cass	018017
Canyon	016027	Crawford	017033	Menard	017129	Clark	018019
Caribou	016029	Cumberland	017035	Mercer	017131	Clay	018021
Cassia	016031	DeKalb	017037	Monroe	017133	Clinton	018023
Clark	016033	De Witt	017039	Montgomery	017135	Crawford	018025
Clearwater	016035	Douglas	017041	Morgan	017137	Daviess	018027
Custer	016037	DuPage	017043	Moultrie	017139	Dearborn	018029
Elmore	016039	Edgar	017045	Ogle	017141	Decatur	018031
Franklin	016041	Edwards	017047	Peoria	017143	DeKalb	018033
Fremont	016043	Effingham	017049	Perry	017145	Delaware	018035
Gem	016045	Fayette	017051	Piatt	017147	Dubois	018037
Gooding	016047	Ford	017053	Pike	017149	Elkhart	018039
Idaho	016049	Franklin	017055	Pope	017151	Fayette	018041
Jefferson	016051	Fulton	017057	Pulaski	017153	Floyd	018043
Jerome	016053	Gallatin	017059	Putnam	017155	Fountain	018045
Kootenai	016055	Greene	017061	Randolph	017157	Franklin	018047
Latah	016057	Grundy	017063	Richland	017159	Fulton	018049
Lemhi	016059	Hamilton	017065	Rock Island	017161	Gibson	018051
Lewis	016061	Hancock	017067	St. Clair	017163	Grant	018053
Lincoln	016063	Hardin	017069	Saline	017165	Greene	018055
Madison	016065	Henderson	017071	Sangamon	017167	Hamilton	018057
Minidoka	016067	Henry	017073	Schuyler	017169	Hancock	018059
Nez Perce	016069	Iroquois	017075	Scott	017171	Harrison	018061
Oneida	016071	Jackson	017077	Shelby	017173	Hendricks	018063
Owyhee	016073	Jasper	017079	Stark	017175	Henry	018065
Payette	016075	Jefferson	017081	Stephenson	017177	Howard	018067
Power	016077	Jersey	017083	Tazewell	017179	Huntington	018069
Shoshone	016079	Jo Daviess	017085	Union	017181	Jackson	018071
Teton	016081	Johnson	017087	Vermilion	017183	Jasper	018073

If you can't find your location code, call 1-888-NWR-SAME

Jay	018075	Warren	018171	Hancock	019081	Van Buren	019177
Jefferson	018077	Warrick	018173	Hardin	019083	Wapello	019179
Jennings	018079	Washington	018175	Harrison	019085	Warren	019181
Johnson	018081	Wayne	018177	Henry	019087	Washington	019183
Knox	018083	Wells	018179	Howard	019089	Wayne	019185
Kosciusko	018085	White	018181	Humboldt	019091	Webster	019187
LaGrange	018087	Whitley	018183	Ida	019093	Winnebago	019189
Lake	018089	<u>Iowa Counties</u>		Iowa	019095	Winneshiek	019191
La Porte	018091	Adair	019001	Jackson	019097	Woodbury	019193
Lawrence	018093	Adams	019003	Jasper	019099	Worth	019195
Madison	018095	Allamakee	019005	Jefferson	019101	Wright	019197
Marion	018097	Appanoose	019007	Johnson	019103	<u>Kansas Counties</u>	
Marshall	018099	Audubon	019009	Jones	019105	Allen	020001
Martin	018101	Benton	019011	Keokuk	019107	Anderson	020003
Miami	018103	Black Hawk	019013	Kossuth	019109	Atchison	020005
Monroe	018105	Boone	019015	Lee	019111	Barber	020007
Montgomery	018107	Bremer	019017	Linn	019113	Barton	020009
Morgan	018109	Buchanan	019019	Louisa	019115	Bourbon	020011
Newton	018111	Buena Vista	019021	Lucas	019117	Brown	020013
Noble	018113	Butler	019023	Lyon	019119	Butler	020015
Ohio	018115	Calhoun	019025	Madison	019121	Chase	020017
Orange	018117	Carroll	019027	Mahaska	019123	Chautauqua	020019
Owen	018119	Cass	019029	Marion	019125	Cherokee	020021
Parke	018121	Cedar	019031	Marshall	019127	Cheyenne	020023
Perry	018123	Cerro Gordo	019033	Mills	019129	Clark	020025
Pike	018125	Cherokee	019035	Mitchell	019131	Clay	020027
Porter	018127	Chickasaw	019037	Monona	019133	Cloud	020029
Posey	018129	Clarke	019039	Monroe	019135	Coffey	020031
Pulaski	018131	Clay	019041	Montgomery	019137	Comanche	020033
Putnam	018133	Clayton	019043	Muscatine	019139	Crawley	020035
Randolph	018135	Clinton	019045	O'Brien	019141	Cowford	020037
Ripley	018137	Crawford	019047	Osceola	019143	Decatur	020039
Rush	018139	Dallas	019049	Page	019145	Dickinson	020041
St. Joseph	018141	Davis	019051	Palo Alto	019147	Doniphan	020043
Scott	018143	Decatur	019053	Plymouth	019149	Douglas	020045
Shelby	018145	Delaware	019055	Pocahontas	019151	Edwards	020047
Spencer	018147	Des Moines	019057	Polk	019153	Elk	020049
Starke	018149	Dickinson	019059	Pottawattamie	019155	Ellis	020051
Steuben	018151	Dubuque	019061	Poweshiek	019157	Ellsworth	020053
Sullivan	018153	Emmet	019063	Ringgold	019159	Finney	020055
Switzerland	018155	Fayette	019065	Sac	019161	Ford	020057
Tippecanoe	018157	Floyd	019067	Scott	019163	Franklin	020059
Tipton	018159	Franklin	019069	Shelby	019165	Gearry	020061
Union	018161	Fremont	019071	Sioux	019167	Gove	020063
Vanderburgh	018163	Greene	019073	Story	019169	Graham	020065
Vermillion	018165	Grundy	019075	Tama	019171	Grant	020067
Vigo	018167	Guthrie	019077	Taylor	019173	Gray	020069
Wabash	018169	Hamilton	019079	Union	019175	Greeley	020071

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Greenwood	020073	Saline	020169	Clinton	021053	McLean	021149
Hamilton	020075	Scott	020171	Crittenden	021055	Madison	021151
Harper	020077	Sedgwick	020173	Cumberland	021057	Magoffin	021153
Harvey	020079	Seward	020175	Daviess	021059	Marion	021155
Haskell	020081	Shawnee	020177	Edmonson	021061	Marshall	021157
Hodgeman	020083	Sheridan	020179	Elliott	021063	Martin	021159
Jackson	020085	Sherman	020181	Estill	021065	Mason	021161
Jefferson	020087	Smith	020183	Fayette	021067	Meade	021163
Jewell	020089	Stafford	020185	Fleming	021069	Menifee	021165
Johnson	020091	Stanton	020187	Floyd	021071	Mercer	021167
Kearney	020093	Stevens	020189	Franklin	021073	Metcalf	021169
Kingman	020095	Sumner	020191	Fulton	021075	Monroe	021171
Kiowa	020097	Thomas	020193	Gallatin	021077	Montgomery	021173
Labette	020099	Trego	020195	Garrard	021079	Morgan	021175
Lane	020101	Wabaunsee	020197	Grant	021081	Muhlenberg	021177
Leavenworth	020103	Wallace	020199	Graves	021083	Nelson	021179
Lincoln	020105	Washington	020201	Grayson	021085	Nicholas	021181
Linn	020107	Wichita	020203	Green	021087	Ohio	021183
Logan	020109	Wilson	020205	Greenup	021089	Oldham	021185
Lyon	020111	Woodson	020207	Hancock	021091	Owen	021187
McPherson	020113	Wyandotte	020209	Hardin	021093	Owsley	021189
Marion	020115	<u>Kentucky Counties</u>		Harlan	021095	Pendleton	021191
Marshall	020117	Adair	021001	Harrison	021097	Perry	021193
Meade	020119	Allen	021003	Hart	021099	Pike	021195
Miami	020121	Anderson	021005	Henderson	021101	Powell	021197
Mitchell	020123	Ballard	021007	Henry	021103	Pulaski	021199
Montgomery	020125	Barren	021009	Hickman	021105	Robertson	021201
Morris	020127	Bath	021011	Hopkins	021107	Rockcastle	021203
Morton	020129	Bell	021013	Jackson	021109	Rowan	021205
Nemaha	020131	Boone	021015	Jefferson	021111	Russell	021207
Neosho	020133	Bourbon	021017	Jessamine	021113	Scott	021209
Ness	020135	Boyd	021019	Johnson	021115	Shelby	021211
Norton	020137	Boyle	021021	Kenton	021117	Simpson	021213
Osage	020139	Bracken	021023	Knott	021119	Spencer	021215
Osborne	020141	Breathitt	021025	Knox	021121	Taylor	021217
Ottawa	020143	Breckinridge	021027	Larue	021123	Todd	021219
Pawnee	020145	Bullitt	021029	Laurel	021125	Trigg	021221
Phillips	020147	Butler	021031	Lawrence	021127	Trimble	021223
Pottawatomie	020149	Caldwell	021033	Lee	021129	Union	021225
Pratt	020151	Calloway	021035	Leslie	021131	Warren	021227
Rawlins	020153	Campbell	021037	Letcher	021133	Washington	021229
Reno	020155	Carlisle	021039	Lewis	021135	Wayne	021231
Republic	020157	Carroll	021041	Lincoln	021137	Webster	021233
Rice	020159	Carter	021043	Livingston	021139	Whitely	021235
Riley	020161	Casey	021045	Logan	021141	Wolfe	021237
Rooks	020163	Christian	021047	Lyon	021143	Woodford	021239
Rush	020165	Clark	021049	McCracken	021145		
Russell	020167	Clay	021051	McCreary	021147		

If you can't find your location code, call 1-888-NWR-SAME

<u>Louisiana Parishes</u>		St. John, Baptist	022095	Jaluit Atoll	068120	<u>Massachusetts Counties</u>	
Acadia	022001	St. Landry	022097	Jemo Island	068130	Barnstable	025001
Allen	022003	St. Martin	022099	Kili Island	068140	Berkshire	025003
Ascension	022005	St. Mary	022101	Kwajalein Atoll	068150	Bristol	025005
Assumption	022007	St. Tammany	022103	Lae Atoll	068160	Dukes	025007
Avoyelles	022009	Tangipahoa	022105	Lib Island	068170	Essex	025009
Beauregard	022011	Tensas	022107	Likiep Atoll	068180	Franklin	025011
Bienville	022013	Terrebonne	022109	Majuro Atoll	068190	Hampden	025013
Bossier	022015	Union	022111	Maloelap Atoll	068300	Hampshire	025015
Caddo	022017	Vermilion	022113	Mejit Island	068310	Middlesex	025017
Calcasieu	022019	Vernon	022115	Mili Atoll	068320	Nantucket	025019
Caldwell	022021	Washington	022117	Namorik Atoll	068330	Norfolk	025021
Cameron	022023	Webster	022119	Namu Atoll	068340	Plymouth	025023
Catahoula	022025	W. Baton Rouge	022121	Rongelap Atoll	068350	Suffolk	025025
Claiborne	022027	W. Carroll	022123	Rongrik Atoll	068360	Worcester	025027
Concordia	022029	W. Feliciana	022125	Toke Atoll	068385	<u>Michigan Counties</u>	
DeSoto	022031	Winn	022127	Ujae Atoll	068390	Alcona	026001
E. Baton Rouge	022033	<u>Maine Counties</u>		Ujelang Atoll	068400	Alger	026003
E. Carroll	022035	Androscoggin	023001	Utrik Atoll	068410	Allegan	026005
E. Feliciana	022037	Aroostook	023003	Wotho Atoll	068420	Alpena	026007
Evangeline	022039	Cumberland	023005	Wotje Atoll	068430	Antrim	026009
Franklin	022041	Franklin	023007	<u>Maryland Cities</u>		Arenac	026011
Grant	022043	Hancock	023009	City of		Baraga	026013
Iberia	022045	Kennebec	023011	Baltimore	024510	Barry	026015
Iberville	022047	Knox	023013	<u>Maryland Counties</u>		Bay	026017
Jackson	022049	Lincoln	023015	Allegany	024001	Benzie	026019
Jefferson	022051	Oxford	023017	Anne Arundel	024003	Berrien	026021
Jefferson Davis	022053	Penobscot	023019	Baltimore	024005	Branch	026023
Lafayette	022055	Piscataquis	023021	Calvert	024009	Calhoun	026025
Lafourche	022057	Sagadahoc	023023	Caroline	024011	Cass	026027
La Salle	022059	Somerset	023025	Carroll	024013	Charlevoix	026029
Lincoln	022061	Waldo	023027	Cecil	024015	Cheboygan	026031
Livingston	022063	Washington	023029	Charles	024017	Chippewa	026033
Madison	022065	York	023031	Dorchester	024019	Clare	026035
Morehouse	022067	<u>Marshall Islands</u>		Frederick	024021	Clinton	026037
Natchitoches	022069	Ailinginae Atoll	068007	Garrett	024023	Crawford	026039
Orleans	022071	Ailinglaplap		Harford	024025	Delta	026041
Ouachita	022073	Atoll	068010	Howard	024027	Dickinson	026043
Plaquemines	022075	Ailuk Atoll	068030	Kent	024029	Eaton	026045
Pointe Coupee	022077	Arno Atoll	068040	Montgomery	024031	Emmet	026047
Rapides	022079	Aur Atoll	068050	Prince George's	024033	Genesee	026049
Red River	022081	Bikar Atoll	068060	Queen Anne's	024035	Gladwin	026051
Richland	022083	Bikini Atoll	068070	St. Mary's	024037	Gogebic	026053
Sabine	022085	Bokak Atoll	068073	Somerset	024039	Grand Traverse	026055
St. Bernard	022087	Ebon Atoll	068080	Talbot	024041	Gratiot	026057
St. Charles	022089	Enewetak Atoll	068090	Washington	024043	Hillsdale	026059
St. Helena	022091	Erikub Atoll	068100	Wicomico	024045	Houghton	026061
St. James	022093	Jabat Island	068110	Worcester	024047	Huron	026063

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Ingham	026065	Washtenaw	026161	Mahnomen	027087	Attala	028007
Ionia	026067	Wayne	026163	Marshall	027089	Benton	028009
Iosco	026069	Wexford	026165	Martin	027091	Bolivar	028011
Iron	026071	<u>Minnesota Counties</u>		Meeker	027093	Calhoun	028013
Isabella	026073	Aitkin	027001	Mille Lacs	027095	Carroll	028015
Jackson	026075	Anoka	027003	Morrison	027097	Chickasaw	028017
Kalamazoo	026077	Becker	027005	Mower	027099	Choctaw	028019
Kalkaska	026079	Beltrami	027007	Murray	027101	Claiborne	028021
Kent	026081	Benton	027009	Nicollet	027103	Clarke	028023
Keweenaw	026083	Big Stone	027011	Nobles	027105	Clay	028025
Lake	026085	Blue Earth	027013	Norman	027107	Coahoma	028027
Lapeer	026087	Brown	027015	Olmsted	027109	Copiah	028029
Leelanau	026089	Carlton	027017	Otter Tail	027111	Covington	028031
Lenawee	026091	Carver	027019	Pennington	027113	DeSoto	028033
Livingston	026093	Cass	027021	Pine	027115	Forrest	028035
Luce	026095	Chippewa	027023	Pipestone	027117	Franklin	028037
Mackinac	026097	Chisago	027025	Polk	027119	George	028039
Macomb	026099	Clay	027027	Pope	027121	Greene	028041
Manistee	026101	Clearwater	027029	Ramsey	027123	Grenada	028043
Marquette	026103	Cook	027031	Red Lake	027125	Hancock	028045
Mason	026105	Cottonwood	027033	Redwood	027127	Harrison	028047
Mecosta	026107	Crow Wing	027035	Renville	027129	Hinds	028049
Menominee	026109	Dakota	027037	Rice	027131	Holmes	028051
Midland	026111	Dodge	027039	Rock	027133	Humphreys	028053
Missaukee	026113	Douglas	027041	Roseau	027135	Issaquena	028055
Monroe	026115	Faribault	027043	St. Louis	027137	Itawamba	028057
Montcalm	026117	Fillmore	027045	Scott	027139	Jackson	028059
Montmorency	026119	Freeborn	027047	Sherburne	027141	Jasper	028061
Muskegon	026121	Goodhue	027049	Sibley	027143	Jefferson	028063
Newaygo	026123	Grant	027051	Stearns	027145	Jefferson Davis	028065
Oakland	026125	Hennepin	027053	Steele	027147	Jones	028067
Oceana	026127	Houston	027055	Stevens	027149	Kemper	028069
Ogemaw	026129	Hubbard	027057	Swift	027151	Lafayette	028071
Ontonagon	026131	Isanti	027059	Todd	027153	Lamar	028073
Osceola	026133	Itasca	027061	Traverse	027155	Lauderdale	028075
Oscoda	026135	Jackson	027063	Wabasha	027157	Lawrence	028077
Otsego	026137	Kanabec	027065	Wadena	027159	Leake	028079
Ottawa	026139	Kandiyohi	027067	Waseca	027161	Lee	028081
Presque Isle	026141	Kittson	027069	Washington	027163	Leflore	028083
Roscommon	026143	Koochiching	027071	Watonwan	027165	Lincoln	028085
Saginaw	026145	Lac qui Parle	027073	Wilkin	027167	Lowndes	028087
St. Clair	026147	Lake	027075	Winona	027169	Madison	028089
St. Joseph	026149	Lake of the		Wright	027171	Marion	028091
Sanilac	026151	Woods	027077	Yellow Medicine	027173	Marshall	028093
Schoolcraft	026153	Le Sueur	027079	<u>Mississippi Counties</u>		Monroe	028095
Shiawassee	026155	Lincoln	027081	Adams	028001	Montgomery	028097
Tuscola	026157	Lyon	027083	Alcorn	028003	Neshoba	028099
Van Buren	026159	McLeod	027085	Amite	028005	Newton	028101

If you can't find your location code, call 1-888-NWR-SAME

Noxubee	028103	Camden	029029	Maries	029125	Wayne	029223
Oktibbeha	028105	Cape Girardeau	029031	Marion	029127	Webster	029225
Panola	028107	Carroll	029033	Mercer	029129	Worth	029227
Pearl River	028109	Carter	029035	Miller	029131	Wright	029229
Perry	028111	Cass	029037	Mississippi	029133	<u>Montana Counties</u>	
Pike	028113	Cedar	029039	Moniteau	029135	Beaverhead	030001
Pontotoc	028115	Chariton	029041	Monroe	029137	Big Horn	030003
Prentiss	028117	Christian	029043	Montgomery	029139	Blaine	030005
Quitman	028119	Clark	029045	Morgan	029141	Broadwater	030007
Rankin	028121	Clay	029047	New Madrid	029143	Carbon	030009
Scott	028123	Clinton	029049	Newton	029145	Carter	030011
Sharkey	028125	Cole	029051	Nodaway	029147	Cascade	030013
Simpson	028127	Cooper	029053	Oregon	029149	Chouteau	030015
Smith	028129	Crawford	029055	Osage	029151	Custer	030017
Stone	028131	Dade	029057	Ozark	029153	Daniels	030019
Sunflower	028133	Dallas	029059	Pemiscot	029155	Dawson	030021
Tallahatchie	028135	Daviess	029061	Perry	029157	Deer Lodge	030023
Tate	028137	DeKalb	029063	Pettis	029159	Fallon	030025
Tippah	028139	Dent	029065	Phelps	029161	Fergus	030027
Tishomingo	028141	Douglas	029067	Pike	029163	Flathead	030029
Tunica	028143	Dunklin	029069	Platte	029165	Gallatin	030031
Union	028145	Franklin	029071	Polk	029167	Garfield	030033
Walthall	028147	Gasconade	029073	Pulaski	029169	Glacier	030035
Warren	028149	Gentry	029075	Putnam	029171	Golden Valley	030037
Washington	028151	Greene	029077	Ralls	029173	Granite	030039
Wayne	028153	Grundy	029079	Randolph	029175	Hill	030041
Webster	028155	Harrison	029081	Ray	029177	Jefferson	030043
Wilkinson	028157	Henry	029083	Reynolds	029179	Judith Basin	030045
Winston	028159	Hickory	029085	Ripley	029181	Lake	030047
Yalobusha	028161	Holt	029087	St. Charles	029183	Lewis & Clark	030049
Yazoo	028163	Howard	029089	St. Clair	029185	Liberty	030051
<u>Missouri Cities</u>		Howell	029091	Ste. Genevieve	029186	Lincoln	030053
City of St. Louis	029510	Iron	029093	St. Francois	029187	McCone	030055
<u>Missouri Counties</u>		Jackson	029095	St. Louis	029189	Madison	030057
Adair	029001	Jasper	029097	Saline	029195	Meagher	030059
Andrew	029003	Jefferson	029099	Schuyler	029197	Mineral	030061
Atchison	029005	Johnson	029101	Scotland	029199	Missoula	030063
Audrain	029007	Knox	029103	Scott	029201	Musselshell	030065
Barry	029009	Laclede	029105	Shannon	029203	Park	030067
Barton	029011	Lafayette	029107	Shelby	029205	Petroleum	030069
Bates	029013	Lawrence	029109	Stoddard	029207	Phillips	030071
Benton	029015	Lewis	029111	Stone	029209	Pondera	030073
Bollinger	029017	Lincoln	029113	Sullivan	029211	Powder River	030075
Boone	029019	Linn	029115	Taney	029213	Powell	030077
Buchanan	029021	Livingston	029117	Texas	029215	Prairie	030079
Butler	029023	McDonald	029119	Vernon	029217	Ravalli	030081
Caldwell	029025	Macon	029121	Warren	029219	Richland	030083
Callaway	029027	Madison	029123	Washington	029221	Roosevelt	030085

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Rosebud	030087	Garden	031069	Sioux	031165	Essex	034013
Sanders	030089	Garfield	031071	Stanton	031167	Gloucester	034015
Sheridan	030091	Gosper	031073	Thayer	031169	Hudson	034017
Silver Bow	030093	Grant	031075	Thomas	031171	Hunterdon	034019
Stillwater	030095	Greeley	031077	Thurston	031173	Mercer	034021
Sweet Grass	030097	Hall	031079	Valley	031175	Middlesex	034023
Teton	030099	Hamilton	031081	Washington	031177	Monmouth	034025
Toole	030101	Harlan	031083	Wayne	031179	Morris	034027
Treasure	030103	Hayes	031085	Webster	031181	Ocean	034029
Valley	030105	Hitchcock	031087	Wheeler	031183	Passaic	034031
Wheatland	030107	Holt	031089	York	031185	Salem	034033
Wibaux	030109	Hooker	031091	<u>Nevada Cities</u>		Somerset	034035
Yellowstone	030111	Howard	031093	Carson City	032510	Sussex	034037
<u>Nebraska Counties</u>		Jefferson	031095	<u>Nevada Counties</u>		Union	034039
Adams	031001	Johnson	031097	Churchill	032001	Warren	034041
Antelope	031003	Kearney	031099	Clark	032003	<u>New Mexico Counties</u>	
Arthur	031005	Keith	031101	Douglas	032005	Bernalillo	035001
Banner	031007	Keya Paha	031103	Elko	032007	Catron	035003
Blaine	031009	Kimball	031105	Esmeralda	032009	Chaves	035005
Boone	031011	Knox	031107	Eureka	032011	Cibola	035006
Box Butte	031013	Lancaster	031109	Humboldt	032013	Colfax	035007
Boyd	031015	Lincoln	031111	Lander	032015	Curry	035009
Brown	031017	Logan	031113	Lincoln	032017	De Baca	035011
Buffalo	031019	Loup	031115	Lyon	032019	Doña Ana	035013
Burt	031021	McPherson	031117	Mineral	032021	Eddy	035015
Butler	031023	Madison	031119	Nye	032023	Grant	035017
Cass	031025	Merrick	031121	Pershing	032027	Guadalupe	035019
Cedar	031027	Morrill	031123	Storey	032029	Harding	035021
Chase	031029	Nance	031125	Washoe	032031	Hidalgo	035023
Cherry	031031	Nemaha	031127	White Pine	032033	Lea	035025
Cheyenne	031033	Nuckolls	031129	<u>New Hampshire Counties</u>		Lincoln	035027
Clay	031035	Otoe	031131	Belknap	033001	Los Alamos	035028
Colfax	031037	Pawnee	031133	Carroll	033003	Luna	035029
Cuming	031039	Perkins	031135	Cheshire	033005	McKinley	035031
Custer	031041	Phelps	031137	Coos	033007	Mora	035033
Dakota	031043	Pierce	031139	Grafton	033009	Otero	035035
Dawes	031045	Platte	031141	Hillsborough	033011	Quay	035037
Dawson	031047	Polk	031143	Merrimack	033013	Rio Arriba	035039
Deuel	031049	Red Willow	031145	Rockingham	033015	Roosevelt	035041
Dixon	031051	Richardson	031147	Strafford	033017	Sandoval	035043
Dodge	031053	Rock	031149	Sullivan	033019	San Juan	035045
Douglas	031055	Saline	031151	<u>New Jersey Counties</u>		San Miguel	035047
Dundy	031057	Sarpy	031153	Atlantic	034001	Santa Fe	035049
Fillmore	031059	Saunders	031155	Bergen	034003	Sierra	035051
Franklin	031061	Scotts Bluff	031157	Burlington	034005	Socorro	035053
Frontier	031063	Seward	031159	Camden	034007	Taos	035055
Furnas	031065	Sheridan	031161	Cape May	034009	Torrance	035057
Gage	031067	Sherman	031163	Cumberland	034011	Union	035059

If you can't find your location code, call 1-888-NWR-SAME

Valencia	035061	Schenectady	036093	Durham	037063	Rowan	037159
<u>New York Counties</u>		Schoharie	036095	Edgecombe	037065	Rutherford	037161
Albany	036001	Schuyler	036097	Forsyth	037067	Sampson	037163
Allegany	036003	Seneca	036099	Franklin	037069	Scotland	037165
Bronx	036005	Steuben	036101	Gaston	037071	Stanly	037167
Broome	036007	Suffolk	036103	Gates	037073	Stokes	037169
Cattaraugus	036009	Sullivan	036105	Graham	037075	Surry	037171
Cayuga	036011	Tioga	036107	Granville	037077	Swain	037173
Chautauqua	036013	Tompkins	036109	Greene	037079	Transylvania	037175
Chemung	036015	Ulster	036111	Guilford	037081	Tyrrell	037177
Chenango	036017	Warren	036113	Halifax	037083	Union	037179
Clinton	036019	Washington	036115	Harnett	037085	Vance	037181
Columbia	036021	Wayne	036117	Haywood	037087	Wake	037183
Cortland	036023	Westchester	036119	Henderson	037089	Warren	037185
Delaware	036025	Wyoming	036121	Hertford	037091	Washington	037187
Dutchess	036027	Yates	036123	Hoke	037093	Watauga	037189
Erie	036029	<u>North Carolina Counties</u>		Hyde	037095	Wayne	037191
Essex	036031	Alamance	037001	Iredell	037097	Wilkes	037193
Franklin	036033	Alexander	037003	Jackson	037099	Wilson	037195
Fulton	036035	Alleghany	037005	Johnston	037101	Yadkin	037197
Genesee	036037	Anson	037007	Jones	037103	Yancey	037199
Greene	036039	Ashe	037009	Lee	037105	<u>North Dakota Counties</u>	
Hamilton	036041	Avery	037011	Lenoir	037107	Adams	038001
Herkimer	036043	Beaufort	037013	Lincoln	037109	Barnes	038003
Jefferson	036045	Bertie	037015	McDowell	037111	Benson	038005
Kings	036047	Bladen	037017	Macon	037113	Billings	038007
Lewis	036049	Brunswick	037019	Madison	037115	Bottineau	038009
Livingston	036051	Buncombe	037021	Martin	037117	Bowman	038011
Madison	036053	Burke	037023	Mecklenburg	037119	Burke	038013
Monroe	036055	Cabarrus	037025	Mitchell	037121	Burleigh	038015
Montgomery	036057	Caldwell	037027	Montgomery	037123	Cass	038017
Nassau	036059	Camden	037029	Moore	037125	Cavalier	038019
New York	036061	Carteret	037031	Nash	037127	Dickey	038021
Niagara	036063	Caswell	037033	New Hanover	037129	Divide	038023
Oneida	036065	Catawba	037035	Northhampton	037131	Dunn	038025
Onondaga	036067	Chatham	037037	Onslow	037133	Eddy	038027
Ontario	036069	Cherokee	037039	Orange	037135	Emmons	038029
Orange	036071	Chowan	037041	Pamlico	037137	Foster	038031
Orleans	036073	Clay	037043	Pasquotank	037139	Golden Valley	038033
Oswego	036075	Cleveland	037045	Pender	037141	Grand Forks	038035
Otsego	036077	Columbus	037047	Perquimans	037143	Grant	038037
Putnam	036079	Craven	037049	Person	037145	Griggs	038039
Queens	036081	Cumberland	037051	Pitt	037147	Hettinger	038041
Rensselaer	036083	Currituck	037053	Polk	037149	Kidder	038043
Richmond	036085	Dare	037055	Randolph	037151	LaMoure	038045
Rockland	036087	Davidson	037057	Richmond	037153	Logan	038047
St. Lawrence	036089	Davie	037059	Robeson	037155	McHenry	038049
Saratoga	036091	Duplin	037061	Rockingham	037157	McIntosh	038051

Other Information

If you can't find your location code, call 1-888-NWR-SAME

McKenzie	038053	Columbiana	039029	Paulding	039125	Dewey	040043
McLean	038055	Coshocton	039031	Perry	039127	Ellis	040045
Mercer	038057	Crawford	039033	Pickaway	039129	Garfield	040047
Morton	038059	Cuyahoga	039035	Pike	039131	Garvin	040049
Mountrail	038061	Darke	039037	Portage	039133	Grady	040051
Nelson	038063	Defiance	039039	Preble	039135	Grant	040053
Oliver	038065	Delaware	039041	Putnam	039137	Greer	040055
Pembina	038067	Erie	039043	Richland	039139	Harmon	040057
Pierce	038069	Fairfield	039045	Ross	039141	Harper	040059
Ramsey	038071	Fayette	039047	Sandusky	039143	Haskell	040061
Ransom	038073	Franklin	039049	Scioto	039145	Hughes	040063
Renville	038075	Fulton	039051	Seneca	039147	Jackson	040065
Richland	038077	Gallia	039053	Shelby	039149	Jefferson	040067
Rolette	038079	Geauga	039055	Stark	039151	Johnston	040069
Sargent	038081	Greene	039057	Summit	039153	Kay	040071
Sheridan	038083	Guernsey	039059	Trumbull	039155	Kingfisher	040073
Sioux	038085	Hamilton	039061	Tuscarawas	039157	Kiowa	040075
Slope	038087	Hancock	039063	Union	039159	Latimer	040077
Stark	038089	Hardin	039065	Van Wert	039161	Le Flore	040079
Steele	038091	Harrison	039067	Vinton	039163	Lincoln	040081
Stutsman	038093	Henry	039069	Warren	039165	Logan	040083
Towner	038095	Highland	039071	Washington	039167	Love	040085
Traill	038097	Hocking	039073	Wayne	039169	McClain	040087
Walsh	038099	Holmes	039075	Williams	039171	McCurtain	040089
Ward	038101	Huron	039077	Wood	039173	McIntosh	040091
Wells	038103	Jackson	039079	Wyandot	039175	Major	040093
Williams	038105	Jefferson	039081	Oklahoma Counties		Marshall	040095
Northern Mariana Islands		Knox	039083	Adair	040001	Mayes	040097
Northern		Lake	039085	Alfalfa	040003	Murray	040099
Islands	069085	Lawrence	039087	Atoka	040005	Muskogee	040101
Rota Island	069100	Licking	039089	Beaver	040007	Noble	040103
Saipan Island	069110	Logan	039091	Beckham	040009	Nowata	040105
Tinian Island	069120	Lorain	039093	Blaine	040011	Okfuskee	040107
Ohio Counties		Lucas	039095	Bryan	040013	Oklahoma	040109
Adams	039001	Madison	039097	Caddo	040015	Okmulgee	040111
Allen	039003	Mahoning	039099	Canadian	040017	Osage	040113
Ashland	039005	Marion	039101	Carter	040019	Ottawa	040115
Ashtabula	039007	Medina	039103	Cherokee	040021	Pawnee	040117
Athens	039009	Meigs	039105	Choctaw	040023	Payne	040119
Auglaize	039011	Mercer	039107	Cimarron	040025	Pittsburg	040121
Belmont	039013	Miami	039109	Cleveland	040027	Pontotoc	040123
Brown	039015	Monroe	039111	Coal	040029	Pottawatomie	040125
Butler	039017	Montgomery	039113	Comanche	040031	Pushmataha	040127
Carroll	039019	Morgan	039115	Cotton	040033	Roger Mills	040129
Champaign	039021	Morrow	039117	Craig	040035	Rogers	040131
Clark	039023	Muskingum	039119	Creek	040037	Seminole	040133
Clermont	039025	Noble	039121	Custer	040039	Sequoyah	040135
Clinton	039027	Ottawa	039123	Delaware	040041	Stephens	040137

If you can't find your location code, call 1-888-NWR-SAME

Texas	040139	<u>Republic of Palau</u>	Huntingdon	042061	Bayamón	072021
Tillman	040141	Aimeliik 070002	Indiana	042063	Cabo Rojo	072023
Tulsa	040143	Airai 070004	Jefferson	042065	Caguas	072025
Wagoner	040145	Anguar 070010	Juniata	042067	Camuy	072027
Washington	040147	Hatoboheit 070050	Lackawanna	042069	Canóvanas	072029
Washita	040149	Kayangel 070100	Lancaster	042071	Carolina	072031
Woods	040151	Koror 070150	Lawrence	042073	Cataño	072033
Woodward	040153	Melekeok 070212	Lebanon	042075	Cayey	072035
<u>Oregon Counties</u>		Ngaraard 070214	Lehigh	042077	Ceiba	072037
Baker	041001	Ngarchelong 070218	Luzerne	042079	Ciales	072039
Benton	041003	Ngardmau 070222	Lycoming	042081	Cidra	072041
Clackamas	041005	Ngatpang 070224	McKean	042083	Coamo	072043
Clatsop	041007	Ngchesar 070226	Mercer	042085	Comerio	072045
Columbia	041009	Ngernmlengui 070227	Mifflin	042087	Corozal	072047
Coos	041011	Ngiwal 070228	Monroe	042089	Culebra	072049
Crook	041013	Peleliu 070350	Montgomery	042091	Dorado	072051
Curry	041015	Sonsorol 070370	Montour	042093	Fajardo	072053
Deschutes	041017	<u>Pennsylvania Counties</u>	Northampton	042095	Florida	072054
Douglas	041019	Adams 042001	Northumberland	042097	Guánica	072055
Gilliam	041021	Allegheny 042003	Perry	042099	Guayama	072057
Grant	041023	Armstrong 042005	Philadelphia	042101	Guayanilla	072059
Harney	041025	Beaver 042007	Pike	042103	Guaynabo	072061
Hood River	041027	Bedford 042009	Potter	042105	Gurabo	072063
Jackson	041029	Berks 042011	Schuylkill	042107	Hatillo	072065
Jefferson	041031	Blair 042013	Snyder	042109	Hormigueros	072067
Josephine	041033	Bradford 042015	Somerset	042111	Humacao	072069
Klamath	041035	Bucks 042017	Sullivan	042113	Isabela	072071
Lake	041037	Butler 042019	Susquehanna	042115	Jayuya	072073
Lane	041039	Cambria 042021	Tioga	042117	Juana Diaz	072075
Lincnoln	041041	Cameron 042023	Union	042119	Juncos	072077
Linn	041043	Carbon 042025	Venango	042121	Lajas	072079
Malheur	041045	Centre 042027	Warren	042123	Lares	072081
Marion	041047	Chester 042029	Washington	042125	Las Marias	072083
Morrow	041049	Clarion 042031	Wayne	042127	Las Piedras	072085
Multnomah	041051	Clearfield 042033	Westmoreland	042129	Loiza	072087
Polk	041053	Clinton 042035	Wyoming	042131	Luquillo	072089
Sherman	041055	Columbia 042037	York	042133	Manati	072091
Tillamook	041057	Crawford 042039	<u>Puerto Rico</u>		Maricao	072093
Umatilla	041059	Cumberland 042041	Adjuntas	072001	Maunabo	072095
Union	041061	Dauphin 042043	Aguada	072003	Mayagüez	072097
Wallowa	041063	Delaware 042045	Aguadilla	072005	Moca	072099
Wasco	041065	Elk 042047	Aguas Buenas	072007	Morovis	072101
Washington	041067	Erie 042049	Aibonito	072009	Naguabo	072103
Wheeler	041069	Fayette 042051	Añasco	072011	Naranjito	072105
Yamhill	041071	Forest 042053	Arecibo	072013	Orocovis	072107
		Franklin 042055	Arroyo	072015	Patillas	072109
		Fulton 042057	Barceloneta	072017	Peñuelas	072111
		Greene 042059	Barranquitas	072019	Ponce	072113

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Quebradillas	072115	Georgetown	045043	Fall River	046047	<u>Tennessee Counties</u>	
Rincón	072117	Greenville	045045	Faulk	046049	Anderson	047001
Río Grande	072119	Greenwood	045047	Grant	046051	Bedford	047003
Sábana Grande	072121	Hampton	045049	Gregory	046053	Benton	047005
Salinas	072123	Horry	045051	Haakon	046055	Bledsoe	047007
San Germán	072125	Jasper	045053	Hamlin	046057	Blount	047009
San Juan	072127	Kershaw	045055	Hand	046059	Bradley	047011
San Lorenzo	072129	Lancaster	045057	Hanson	046061	Campbell	047013
San Sebastián	072131	Laurens	045059	Harding	046063	Cannon	047015
Santa Isabel	072133	Lee	045061	Hughes	046065	Carroll	047017
Toa Alta	072135	Lexington	045063	Hutchinson	046067	Carter	047019
Toa Baja	072137	McCormick	045065	Hyde	046069	Cheatham	047021
Trujillo Alto	072139	Marion	045067	Jackson	046071	Chester	047023
Utuaado	072141	Marlboro	045069	Jerauld	046073	Claiborne	047025
Vega Alta	072143	Newberry	045071	Jones	046075	Clay	047027
Vega Baja	072145	Oconee	045073	Kingsbury	046077	Cocke	047029
Vieques	072147	Orangeburg	045075	Lake	046079	Coffee	047031
Villalba	072149	Pickens	045077	Lawrence	046081	Crockett	047033
Yabucoa	072151	Richland	045079	Lincoln	046083	Cumberland	047035
Yauco	072153	Saluda	045081	Lyman	046085	Davidson	047037
<u>Rhode Island Counties</u>		Spartanburg	045083	McCook	046087	Decatur	047039
Bristol	044001	Sumter	045085	McPherson	046089	DeKalb	047041
Kent	044003	Union	045087	Marshall	046091	Dickson	047043
Newport	044005	Williamsburg	045089	Meade	046093	Dyer	047045
Providence	044007	York	045091	Mellette	046095	Fayette	047047
Washington	044009	<u>South Dakota Counties</u>		Miner	046097	Fentress	047049
<u>South Carolina Counties</u>		Aurora	046003	Minnehaha	046099	Franklin	047051
Abbeville	045001	Beadle	046005	Moody	046101	Gibson	047053
Aiken	045003	Bennett	046007	Pennington	046103	Giles	047055
Allendale	045005	Bon Homme	046009	Perkins	046105	Grainger	047057
Anderson	045007	Brookings	046011	Potter	046107	Greene	047059
Bamberg	045009	Brown	046013	Roberts	046109	Grundy	047061
Barnwell	045011	Brule	046015	Sanborn	046111	Hamblen	047063
Beaufort	045013	Buffalo	046017	Shannon	046113	Hamilton	047065
Berkeley	045015	Butte	046019	Spink	046115	Hancock	047067
Calhoun	045017	Campbell	046021	Stanley	046117	Hardeman	047069
Charleston	045019	Charles Mix	046023	Sully	046119	Hardin	047071
Cherokee	045021	Clark	046025	Todd	046121	Hawkins	047073
Chester	045023	Clay	046027	Tripp	046123	Haywood	047075
Chesterfield	045025	Codrington	046029	Turner	046125	Henderson	047077
Clarendon	045027	Corson	046031	Union	046127	Henry	047079
Colleton	045029	Custer	046033	Walworth	046129	Hickman	047081
Darlington	045031	Davison	046035	Yankton	046135	Houston	047083
Dillon	045033	Day	046037	Ziebach	046137	Humphreys	047085
Dorchester	045035	Deuel	046039			Jackson	047087
Edgefield	045037	Dewey	046041			Jefferson	047089
Fairfield	045039	Douglas	046043			Johnson	047091
Florence	045041	Edmunds	046045			Knox	047093

If you can't find your location code, call 1-888-NWR-SAME

Lake	047095	<u>Texas Counties</u>	Concho	048095	Hall	048191	
Lauderdale	047097	Anderson	048001	Cooke	048097	Hamilton	048193
Lawrence	047099	Andrews	048003	Coryell	048099	Hansford	048195
Lewis	047101	Angelina	048005	Cottle	048101	Hardeman	048197
Lincoln	047103	Aransas	048007	Crane	048103	Hardin	048199
Loudon	047105	Archer	048009	Crockett	048105	Harris	048201
McMinn	047107	Armstrong	048011	Crosby	048107	Harrison	048203
McNairy	047109	Atascosa	048013	Culberson	048109	Hartley	048205
Macon	047111	Austin	048015	Dallam	048111	Haskell	048207
Madison	047113	Bailey	048017	Dallas	048113	Hays	048209
Marion	047115	Bandera	048019	Dawson	048115	Hemphill	048211
Marshall	047117	Bastrop	048021	Deaf Smith	048117	Henderson	048213
Maury	047119	Baylor	048023	Delta	048119	Hidalgo	048215
Meigs	047121	Bee	048025	Denton	048121	Hill	048217
Monroe	047123	Bell	048027	DeWitt	048123	Hockley	048219
Montgomery	047125	Bexar	048029	Dickens	048125	Hood	048221
Moore	047127	Blanco	048031	Dimmit	048127	Hopkins	048223
Morgan	047129	Borden	048033	Donley	048129	Houston	048225
Obion	047131	Bosque	048035	Duval	048131	Howard	048227
Overton	047133	Bowie	048037	Eastland	048133	Hudspeth	048229
Perry	047135	Brazoria	048039	Ector	048135	Hunt	048231
Pickett	047137	Brazos	048041	Edwards	048137	Hutchison	048233
Polk	047139	Brewster	048043	Ellis	048139	Irion	048235
Putnam	047141	Briscoe	048045	El Paso	048141	Jack	048237
Rhea	047143	Brooks	048047	Erath	048143	Jackson	048239
Roane	047145	Brown	048049	Falls	048145	Jasper	048241
Robertson	047147	Burleson	048051	Fannin	048147	Jeff Davis	048243
Rutherford	047149	Burnet	048053	Fayette	048149	Jefferson	048245
Scott	047151	Caldwell	048055	Fisher	048151	Jim Hogg	048247
Sequatchie	047153	Calhoun	048057	Floyd	048153	Jim Wells	048249
Sevier	047155	Callahan	048059	Foard	048155	Johnson	048251
Shelby	047157	Cameron	048061	Fort Bend	048157	Jones	048253
Smith	047159	Camp	048063	Franklin	048159	Karnes	048255
Stewart	047161	Carson	048065	Freestone	048161	Kaufman	048257
Sullivan	047163	Cass	048067	Frio	048163	Kendall	048259
Sumner	047165	Castro	048069	Gaines	048165	Kenedy	048261
Tipton	047167	Chambers	048071	Galveston	048167	Kent	048263
Trousdale	047169	Cherokee	048073	Garza	048169	Kerr	048265
Unicoi	047171	Childress	048075	Gillespie	048171	Kimble	048267
Union	047173	Clay	048077	Glasscock	048173	King	048269
Van Buren	047175	Cochran	048079	Goliad	048175	Kinney	048271
Warren	047177	Coke	048081	Gonzales	048177	Kleberg	048273
Washington	047179	Coleman	048083	Gray	048179	Knox	048275
Wayne	047181	Collin	048085	Grayson	048181	Lamar	048277
Weakley	047183	Collingsworth	048087	Gregg	048183	Lamb	048279
White	047185	Colorado	048089	Grimes	048185	Lampassas	048281
Williamson	047187	Comal	048091	Guadalupe	048187	La Salle	048283
Wilson	047189	Comanche	048093	Hale	048189	Lavaca	048285

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Lee	048287	Reagan	048383	Webb	048479	Summit	049043
Leon	048289	Real	048385	Wharton	048481	Tooele	049045
Liberty	048291	Red River	048387	Wheeler	048483	Uintah	049047
Limestone	048293	Reeves	048389	Wichita	048485	Utah	049049
Lipscomb	048295	Refugio	048391	Wilbarger	048487	Wasatch	049051
Live Oak	048297	Roberts	048393	Willacy	048489	Washington	049053
Llano	048299	Robertson	048395	Williamson	048491	Wayne	049055
Loving	048301	Rockwall	048397	Wilson	048493	Weber	049057
Lubbock	048303	Runnels	048399	Winkler	048495	<u>Vermont Counties</u>	
Lynn	048305	Rusk	048401	Wise	048497	Addison	050001
McCulloch	048307	Sabine	048403	Wood	048499	Bennington	050003
McLennan	048309	San Augustine	048405	Yoakum	048501	Caledonia	050005
McMullen	048311	San Jacinto	048407	Young	048503	Chittenden	050007
Madison	048313	San Patricio	048409	Zapata	048505	Essex	050009
Marion	048315	San Saba	048411	Zavala	048507	Franklin	050011
Martin	048317	Schleicher	048413	<u>U. S. Minor Outlying</u>		Grand Isle	050013
Mason	048319	Scurry	048415	<u>Islands</u>		Lamoille	050015
Matagorda	048321	Shackelford	048417	Baker Island	074050	Orange	050017
Maverick	048323	Shelby	048419	Howland Island	074100	Orleans	050019
Medina	048325	Sherman	048421	Jarvis Island	074150	Rutland	050021
Menard	048327	Smith	048423	Johnston Atoll	074200	Washington	050023
Midland	048329	Somervell	048425	Kingman Reef	074250	Windham	050025
Milam	048331	Starr	048427	Midway Islands	074300	Windsor	050027
Mills	048333	Stephens	048429	Navassa Island	074350	<u>Virgin Islands</u>	
Mitchell	048335	Sterling	048431	Palmyra Atoll	074400	St. Croix	078010
Montague	048337	Stonewall	048433	Wake Island	074450	St. John	078020
Montgomery	048339	Sutton	048435	<u>Utah Counties</u>		St. Thomas	078030
Moore	048341	Swisher	048437	Beaver	049001	<u>Virginia Cities</u>	
Morris	048343	Tarrant	048439	Box Elder	049003	Alexandria	051510
Motley	048345	Taylor	048441	Cache	049005	Bedford	051515
Nacogdoches	048347	Terrell	048443	Carbon	049007	Bristol	051520
Navarro	048349	Terry	048445	Daggett	049009	Buena Vista	051530
Newton	048351	Throckmorton	048447	Davis	049011	Charlottesville	051540
Nolan	048353	Titus	048449	Duchesne	049013	Chesapeake	051550
Nueces	048355	Tom Green	048451	Emery	049015	Colonial Heights	051570
Ochiltree	048357	Travis	048453	Garfield	049017	Covington	051580
Oldham	048359	Trinity	048455	Grand	049019	Danville	051590
Orange	048361	Tyler	048457	Iron	049021	Emporia	051595
Palo Pinto	048363	Upshur	048459	Juab	049023	Fairfax	051600
Panola	048365	Upton	048461	Kane	049025	Falls Church	051610
Parker	048367	Uvalde	048463	Millard	049027	Franklin	051620
Parmer	048369	Val Verde	048465	Morgan	049029	Fredericksburg	051630
Pecos	048371	Van Zandt	048467	Piute	049031	Galax	051640
Polk	048373	Victoria	048469	Rich	049033	Hampton	051650
Potter	048375	Walker	048471	Salt Lake	049035	Harrisonburg	051660
Presidio	048377	Waller	048473	San Juan	049037	Hopewell	051670
Rains	048379	Ward	048475	Sanpete	049039	Lexington	051678
Randall	048381	Washington	048477	Sevier	049041	Lynchburg	051680

If you can't find your location code, call 1-888-NWR-SAME

Manassas	051683	Fauquier	051061	Roanoke	051161	Skagit	053057
Martinsville	051690	Floyd	051063	Rockbridge	051163	Skamania	053059
Newport News	051700	Fluvanna	051065	Rockingham	051165	Snohomish	053061
Norfolk	051710	Franklin	051067	Russell	051167	Spokane	053063
Norton	051720	Frederick	051069	Scott	051169	Stevens	053065
Petersburg	051730	Giles	051071	Shenandoah	051171	Thurston	053067
Poquoson	051735	Gloucester	051073	Smyth	051173	Wahkiakum	053069
Portsmouth	051740	Goochland	051075	Southampton	051175	Walla Walla	053071
Radford	051750	Grayson	051077	Spotsylvania	051177	Whatcom	053073
Richmond	051760	Greene	051079	Stafford	051179	Whitman	053075
Roanoke	051770	Greensville	051081	Surry	051181	Yakima	053077
Salem	051775	Halifax	051083	Sussex	051183	<u>West Virginia Counties</u>	
Staunton	051790	Hanover	051085	Tazewell	051185	Barbour	054001
Suffolk	051800	Henrico	051087	Warren	051187	Berkeley	054003
Virginia Beach	051810	Henry	051089	Washington	051191	Boone	054005
Waynesboro	051820	Highland	051091	Westmoreland	051193	Braxton	054007
Williamsburg	051830	Isle of Wight	051093	Wise	051195	Brooke	054009
Winchester	051840	James City	051095	Wythe	051197	Cabell	054011
<u>Virginia Counties</u>		King and Queen	051097	York	051199	Calhoun	054013
Accomack	051001	King George	051099	<u>Washington Counties</u>		Clay	054015
Albermarle	051003	King William	051101	Adams	053001	Doddridge	054017
Alleghany	051005	Lancaster	051103	Asotin	053003	Fayette	054019
Amelia	051007	Lee	051105	Benton	053005	Gilmer	054021
Amherst	051009	Loudoun	051107	Chelan	053007	Grant	054023
Appomattox	051011	Louisa	051109	Clallam	053009	Greenbrier	054025
Arlington	051013	Lunenburg	051111	Clark	053011	Hampshire	054027
Augusta	051015	Madison	051113	Columbia	053013	Hancock	054029
Bath	051017	Manassas Park	051685	Cowlitz	053015	Hardy	054031
Bedford	051019	Mathews	051115	Douglas	053017	Harrison	054033
Bland	051021	Mecklenburg	051117	Ferry	053019	Jackson	054035
Botetourt	051023	Middlesex	051119	Franklin	053021	Jefferson	054037
Brunswick	051025	Montgomery	051121	Garfield	053023	Kanawha	054039
Buchanan	051027	Nelson	051125	Grant	053025	Lewis	054041
Buckingham	051029	New Kent	051127	Grays Harbor	053027	Lincoln	054043
Campbell	051031	Northampton	051131	Island	053029	Logan	054045
Caroline	051033	Northumberland	051133	Jefferson	053031	McDowell	054047
Carroll	051035	Nottoway	051135	King	053033	Marion	054049
Charles City	051036	Orange	051137	Kitsap	053035	Marshall	054051
Charlotte	051037	Page	051139	Kittitas	053037	Mason	054053
Chesterfield	051041	Patrick	051141	Klickitat	053039	Mercer	054055
Clarke	051043	Pittsylvania	051143	Lewis	053041	Mineral	054057
Craig	051045	Powhatan	051145	Lincoln	053043	Mingo	054059
Culpeper	051047	Prince Edward	051147	Mason	053045	Monongalia	054061
Cumberland	051049	Prince George	051149	Okanogan	053047	Monroe	054063
Dickenson	051051	Prince William	051153	Pacific	053049	Morgan	054065
Dinwiddie	051053	Pulaski	051155	Pend Oreille	053051	Nicholas	054067
Essex	051057	Rappahannock	051157	Pierce	053053	Ohio	054069
Fairfax	051059	Richmond	051159	San Juan	053055	Pendleton	054071

Other Information

If you can't find your location code, call 1-888-NWR-SAME

Pleasants	054073	Juneau	055057	<u>Wyoming Counties</u>	
Pocahontas	054075	Kenosha	055059	Albany	056001
Preston	054077	Kewaunee	055061	Big Horn	056003
Putnam	054079	La Crosse	055063	Campbell	056005
Raleigh	054081	Lafayette	055065	Carbon	056007
Randolph	054083	Langlade	055067	Converse	056009
Ritchie	054085	Lincoln	055069	Crook	056011
Roane	054087	Manitowoc	055071	Fremont	056013
Summers	054089	Marathon	055073	Goshen	056015
Taylor	054091	Marinette	055075	Hot Springs	056017
Tucker	054093	Marquette	055077	Johnson	056019
Tyler	054095	Menominee	055078	Laramie	056021
Upshur	054097	Milwaukee	055079	Lincoln	056023
Wayne	054099	Monroe	055081	Natrona	056025
Webster	054101	Oconto	055083	Niobrara	056027
Wetzel	054103	Oneida	055085	Park	056029
Wirt	054105	Outagamie	055087	Platte	056031
Wood	054107	Ozaukee	055089	Sheridan	056033
Wyoming	054109	Pepin	055091	Sublette	056035
<u>Wisconsin Counties</u>		Pierce	055093	Sweetwater	056037
Adams	055001	Polk	055095	Teton	056039
Ashland	055003	Portage	055097	Uinta	056041
Barron	055005	Price	055099	Washakie	056043
Bayfield	055007	Racine	055101	Weston	056045
Brown	055009	Richland	055103	<u>Marine Areas</u>	
Buffalo	055011	Rock	055105	Pacific U.S.	
Burnett	055013	Rusk	055107	West Coast	057000
Calumet	055015	St. Croix	055109	Pacific Alaska	
Chippewa	055017	Sauk	055111	Coast	058000
Clark	055019	Sawyer	055113	Central Pacific	
Columbia	055021	Shawano	055115	Hawaii	059000
Crawford	055023	Sheboygan	055117	S. Cntrl Pacific	
Dane	055025	Taylor	055119	Am. Samoa	061000
Dodge	055027	Trempealeau	055121	W. Pacific Marina	
Door	055029	Vernon	055123	Islands	065000
Douglas	055031	Vilas	055125	Atlantic Coast	
Dunn	055033	Walworth	055127	Canada - NC	073000
Eau Claire	055035	Washburn	055129	Atlantic NC-FL +	
Florence	055037	Washington	055131	Caribbean	075000
Fond du Lac	055039	Waukesha	055133	Gulf of Mexico	
Forest	055041	Waupaca	055135	FL - Mexico	077000
Grant	055043	Waushara	055137	Lake Superior	091000
Green	055045	Winnebago	055139	Lake Michigan	092000
Green Lake	055047	Wood	055141	Lake Huron	093000
Iowa	055049			Lake St. Clair	094000
Iron	055051			Lake Erie	096000
Jackson	055053			Lake Ontario	097000
Jefferson	055055			St. Lawrence	
				River	098000

Limited Warranty (for models 20F670T, 27F670T and 32F670T)

What your warranty covers:

- Defects in material or workmanship.

For how long after your purchase:

- One year from date of purchase for labor charges.
- One year from date of purchase for parts.
- Two years from date of purchase for picture tube.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm whichever comes first.

What we will do:

- Pay any Authorized RCA Television Service Center the labor charges to repair your television.
- Pay any Authorized RCA Television Service Center for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television.

How you get service:

- For 20" screen size: Take your RCA television to any Authorized RCA Television Service Center and pickup when repairs are complete.
- For screen sizes larger than 20": Request home or pickup, repair and return service from any Authorized RCA Television Service Center, provided that your television is located within the geographic territory covered by an Authorized RCA Television Service Center. If not, you must take your television to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your television to and from your home.
- To identify your nearest Authorized RCA Service Center, ask your dealer, visit www.rca.com, look in the Yellow Pages, or call 1-800-336-1900.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your product. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Damage from images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Acts of nature, such as but not limited to lightning damage.
- A television purchased or serviced outside the U.S.A.

Other Information

Product Registration:

- Please complete and mail the Product Registration Card packed with your TV or register on-line at www.rca.com/productregistration. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

Limited Warranty (for model 27V570T)

What your warranty covers:

- Defects in material or workmanship.

For how long after your purchase:

- 90 days from date of purchase for labor charges.
- One year from date of purchase for parts.
- Two years from date of purchase for the picture tubes.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

- Pay any Authorized RCA Television Service Center the labor charges to repair your television.
- Pay any Authorized RCA Television Service Center for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television.

How you get service:

- For 20" screen size: Take your RCA television to any Authorized RCA Television Service Center and pickup when repairs are complete.
- For screen sizes larger than 20": Request home or pick up, repair and return service from any Authorized RCA Television Service Center, provided that your television is located within the geographic territory covered by an Authorized RCA Television Service Center. If not, you must take your television to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your television to and from your home.
- To identify your nearest Authorized RCA Service Center, ask your dealer, visit www.rca.com, look in the Yellow Pages, or call 1-800-336-1900.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your product. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Damage from images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Acts of nature, such as but not limited to lightning damage.
- A television purchased or serviced outside the U.S.A.

Other Information

Product Registration:

- Please complete and mail the Product Registration Card packed with your TV or register on-line at www.rca.com/productregistration. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**
- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

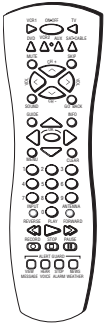
How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

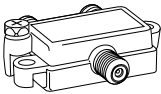
- This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.



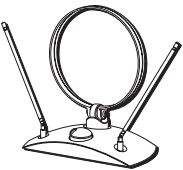
RCR160THM1

Remote Control This is the remote control that came packed with your TV. Replacements or spares can be ordered as needed.



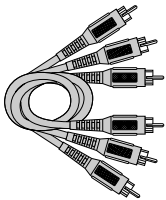
VH47

2-way Signal Splitter helps you connect to a second TV or VCR.



ANT200

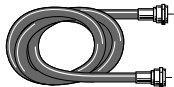
Amplified VHF/UHF/FM Antenna allows you to easily switch from the antenna signal to cable or satellite easily without disconnecting antenna.



DT6DC (6-ft)

DT12DC (12-ft)

Component Video Cables Triple cable used to connect a video source with Y, Pr, Pb jacks to the TV.



VH81 (3-ft)

VH82 (6-ft)

Screw-on Cable attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. The ends screw onto the connectors for a secure connection.



VH83

Standard Audio/Video cable with RCA-type phono plugs.

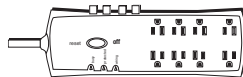
Description	Part No.	Price
Screw-on antenna cable (3-ft)	VH81	\$3.95
Screw-on antenna cable (6-ft)	VH82	\$4.95
Push-on antenna cable (6-ft)	VH89	\$5.95
Monaural VCR Dubbing Cable (6-ft)	VH83	\$5.95
Stereo VCR Dubbing Cable (6-ft)	VH84	\$9.95
S-Video Cable (6-ft)	VH976	\$7.95
S-Video Cable (12-ft)	VH913	\$14.95
2-way Signal Splitter	VH47	\$3.95
Amplified Antenna	ANT200	\$49.95
Remote Control (RCR160THM1)	258449	\$25.45
Audio•Video Adapter	228449	\$4.45
Surge Protector	SCTV4000C	\$49.95
Component Video Cables (6-ft)	DT6DC	\$24.95
Component Video Cables (12-ft)	DT12DC	\$34.95

Prices are subject to change without notice.



VH913

S-Video Cable has multi-pin connectors on each end for connecting S-Video components to your TV.



SCTV4000C

Surge Protector provides eight outlets, coaxial and telephone line protection. Audible alarm for surge failure.

HOW TO ORDER

ON-LINE: Accessories may also be purchased at www.rca.com/accessories (subject to availability).

BY PHONE: To place your order by phone, have your Visa, MasterCard or Discover Card ready and call **1-800-338-0376**. Use this number only to place an order for accessory items listed on this page.

All accessories are subject to availability. Where applicable, we will ship a superseding model.

Television Receiver

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

FCC Declaration of Conformity

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: RCA

Model(s): 20F670T, 27V570T, 27F670T, 32F670T

Equipment Classification: Radio receiver subject to part 15 of the FCC regulations

Responsible Party: Thomson Inc.

10330 N. Meridian St.

Indianapolis, IN 46290

Telephone 1-580-634-0151

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Visit the RCA web site at www.rca.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

Thomson Inc.

10330 North Meridian Street

Indianapolis, IN 46290

©2003 Thomson Inc.

Trademark(s)® Registered

Marca(s) Registrada(s)

TOCOM 16161830

