

Weather Report Manual

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COLLABORATORS

	<i>TITLE :</i> Weather Report Manual		
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WRITTEN BY	Davyd Madeley, Angela Boyle, Sun GNOME Documentation Team, Spiros Papadimitriou, and Dan Mueth	May 27, 2009	

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Contents

1 Introduction	1
1.1 Weather Icons on Panel	1
1.2 To Add Weather Report to a Panel	1
2 Preferences	1
2.1 Changing to Particular Location	3
2.2 Updating Weather Information	4
2.3 Changing Units	5
3 Details	6
3.1 Current Conditions	6
3.2 Forecast	7
3.3 Radar Map	7

List of Figures

1	Weather Report	1
2	Weather Report menu	2
3	Location Preferences	3
4	General Preferences	5
5	Weather Report Details	6

Abstract

The Weather Report Applet downloads weather information for a given location from the internet and displays the temperature and a symbol representing the current weather conditions in the panel. When clicked on, more information is given, such as the forecast, the time of sunrise and sunset, wind direction, pressure, and more. All units are customizable.

1 Introduction

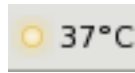


Figure 1: Weather Report

The Weather Report downloads weather information from the U.S National Weather Service (NWS) servers, including the Interactive Weather Information Network (IWIN) and other weather services. You can use Weather Report to display current weather information and weather forecasts on your computer.

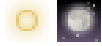






Note

If your computer is located behind a firewall, you must use a proxy server to access the weather servers. To configure the GNOME Desktop to use a proxy server, use your preference tools to specify the network proxy server for Internet connections.

Weather Report displays the following information for the default location, or a location that you specify:

- A weather icon that represents the general weather conditions. See Section [1.1](#).
- The current temperature.

1.1 Weather Icons on Panel

Icon	Description
	It is clear and fine.
	It is partly cloudy.
	It is cloudy.
	It is foggy or overcast.
	It is rainy or wet.
	It is snowing.
	It is stormy.

1.2 To Add Weather Report to a Panel

To add Weather Report to a panel, right-click on the panel, then choose Add to Panel. Select Weather Report in the Add to the panel dialog, then click OK.

2 Preferences

The preferences dialog is accessed by right-clicking on the Weather Report in the panel.

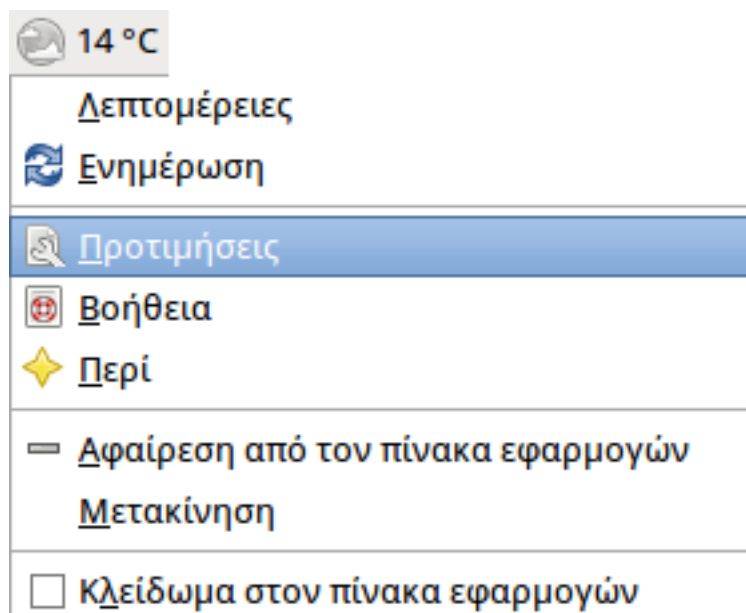


Figure 2: Weather Report menu

2.1 Changing to Particular Location

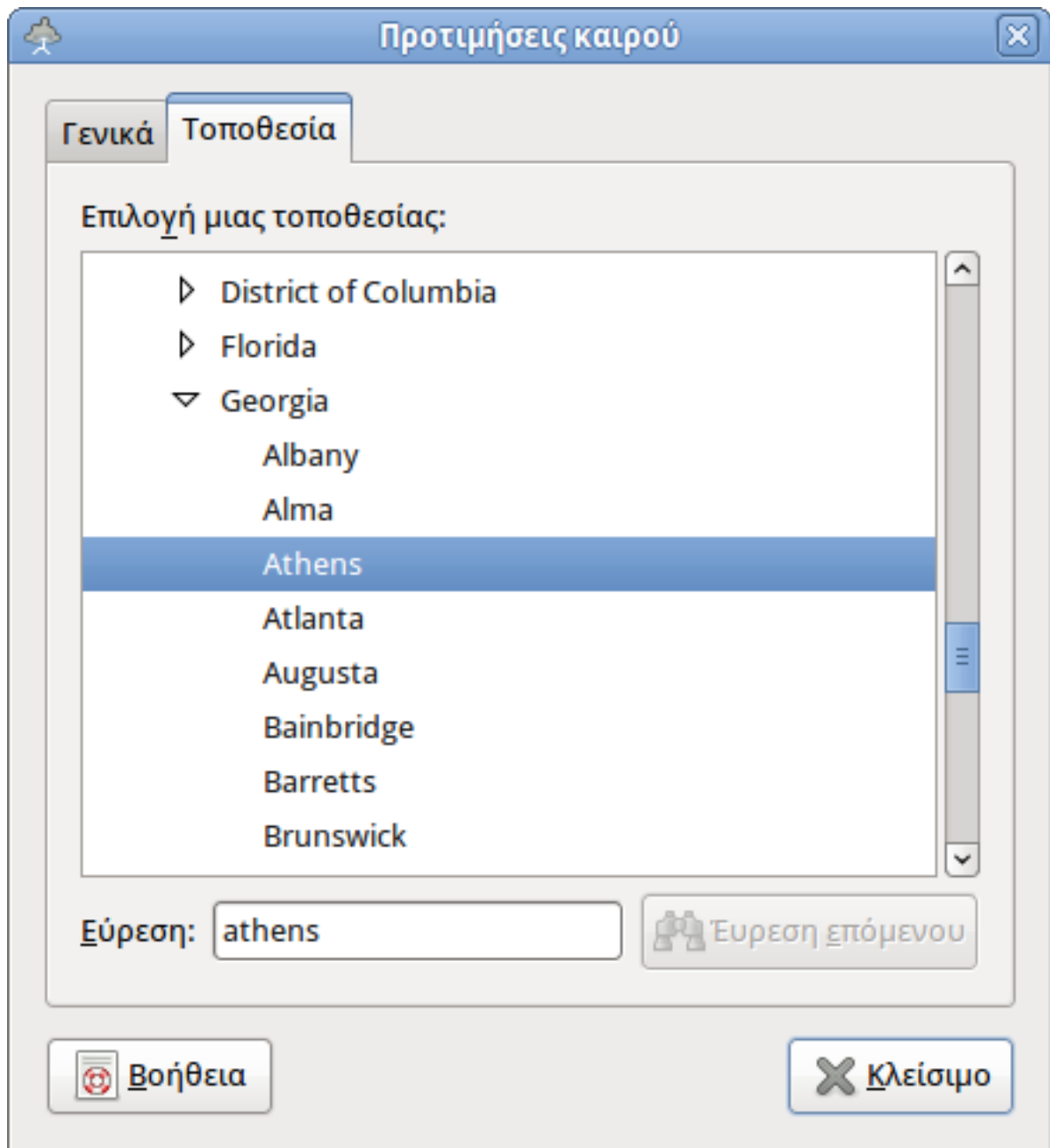


Figure 3: Location Preferences

When you add the Weather Report to a panel for the first time, the application displays the weather for Pittsburg, Pennsylvania by default. To display the weather for a different location, perform the following steps:

1. Right-click on the application.
2. Choose Preferences from the application popup menu. The application displays the Weather Preferences dialog.

3. Select the Location tab. The Location tabbed section contains a list of geographical regions, subregions, and specific locations.
4. Click on the arrow next to a region to display the subregions in the region.
5. Click on the arrow next to a subregion to display the locations in the subregion.
6. Click on a location. While the application retrieves the weather information for the new location, the tooltip "Updating" is displayed when you point to the icon.
7. Click Close to close the Weather Preferences dialog.

You can already try searching by entering the name of your city into the Find field. Be aware that for cities close together, or for cities with no airport you may have to pick a nearby city in the region.

2.2 Updating Weather Information

To update the weather information that the Weather Report displays in the panel, right-click on the icon, then choose Update.

To automatically update the weather information at regular intervals, perform the following steps:

1. Go to the right-click menu and select Preferences.
 2. In the Weather Preferences dialog under the General tab, select the Automatically update every ... minutes option.
 3. Use the spin box to specify the interval at which the Weather Report retrieves updated information from the weather server. The default is to check every thirty minutes.
 4. Click Close to close the Weather Preferences dialog.
-

2.3 Changing Units

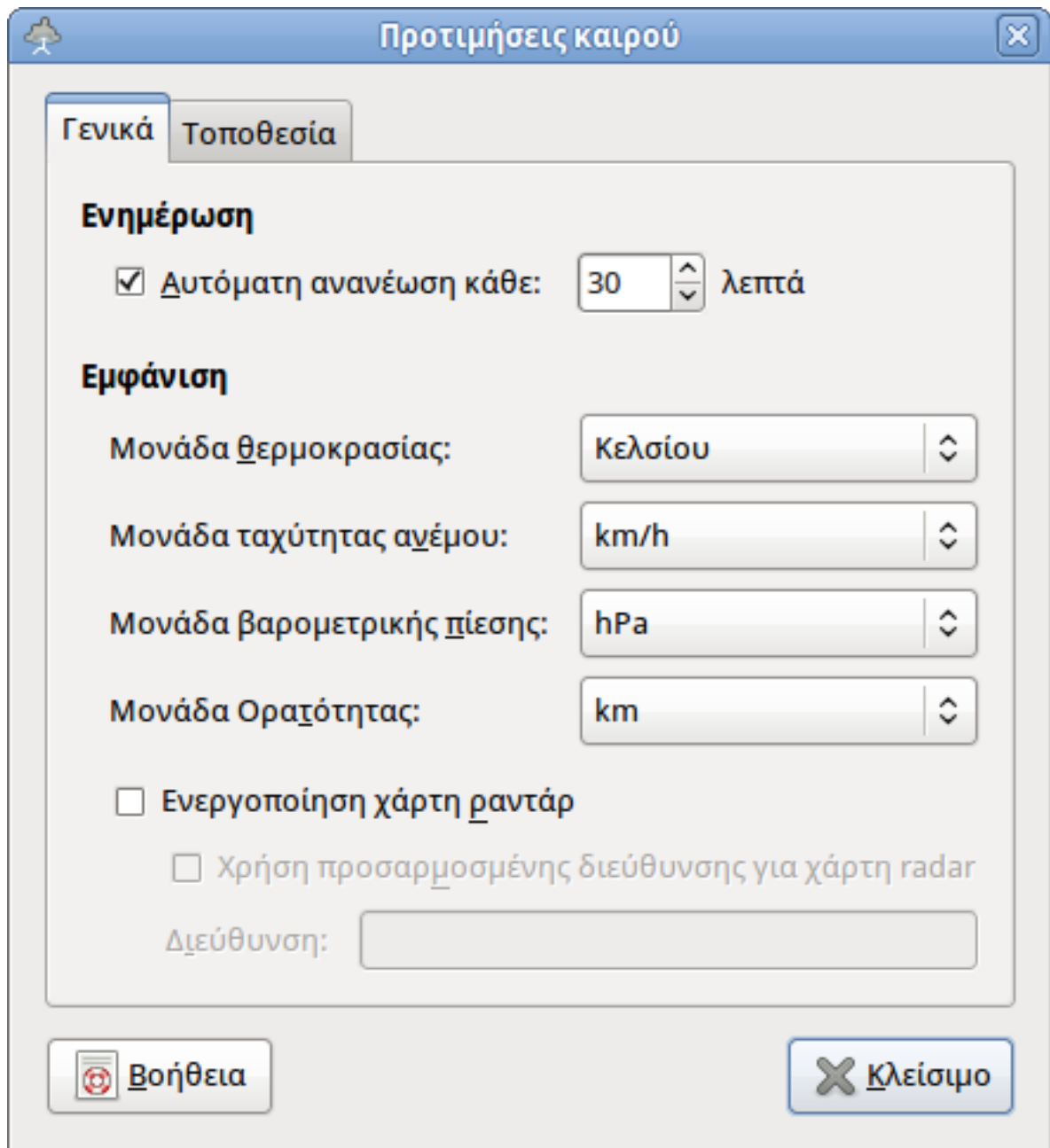


Figure 4: General Preferences

Go to the right-click menu and select Preferences. In the Weather Preferences dialog under the General tab, select the units of measurement you want to use.

A number of different measurements are available, including metric, imperial, SI and others. The choice Default will use what we think is the default for your region, based off your chosen locale.

3 Details

To view detailed weather information, right-click on the Weather Report, then choose Details. The Weather Report displays the Details dialog. The Details dialog contains the following default tabbed sections:

- Current Conditions
- Forecast
- Radar Map (optional)

3.1 Current Conditions

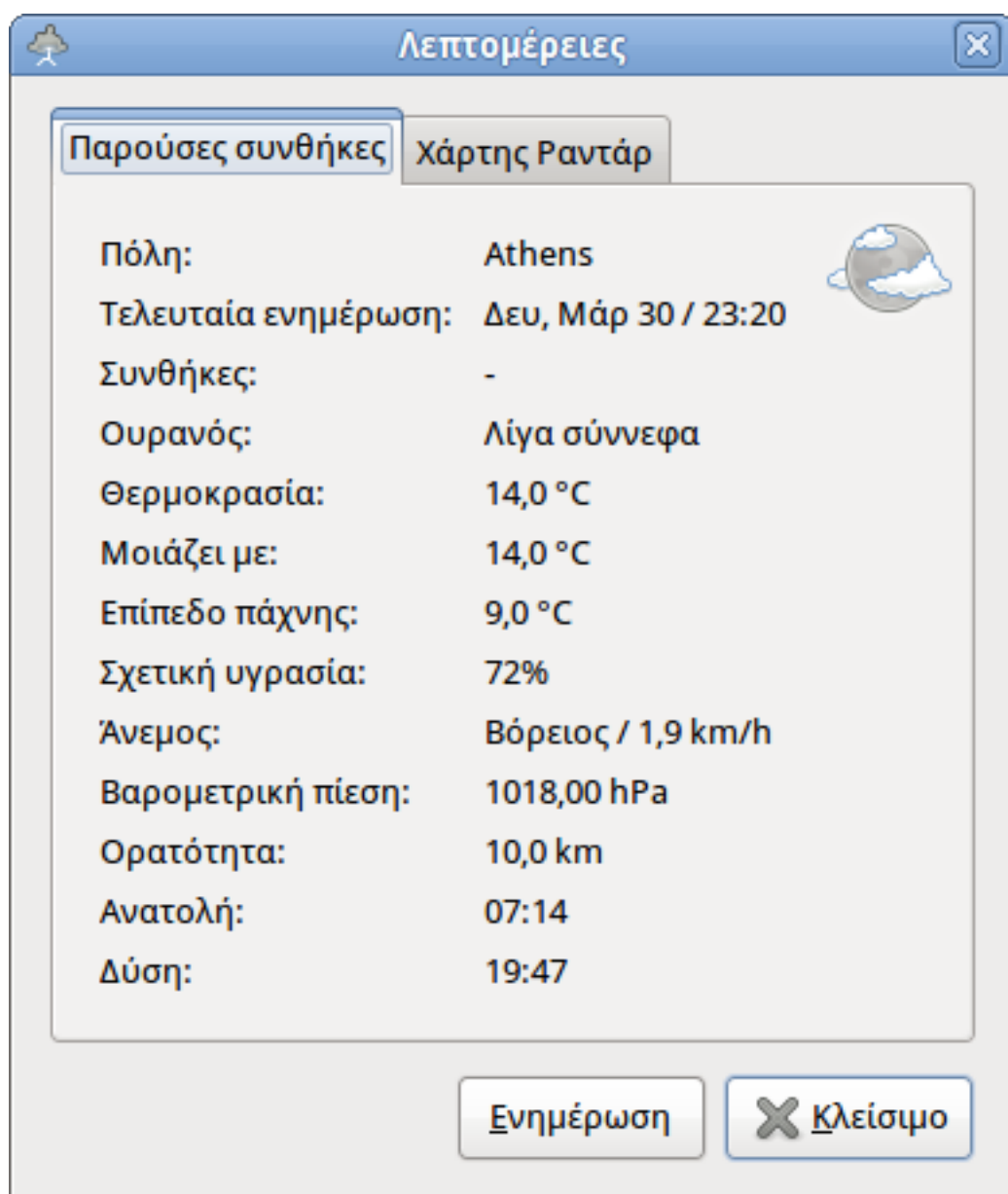


Figure 5: Weather Report Details

The Current Conditions tabbed section displays the following information:

City	Location to which the current weather conditions apply.
Last update	Time at which the weather conditions were last updated on the weather server.
Conditions	General weather conditions.
Sky	General sky conditions.
Temperature	Current temperature.
Dew point	Temperature at which dew forms.
Humidity	Percentage of moisture in the atmosphere.
Wind	Direction and speed of the wind.
Pressure	Atmospheric pressure.
Visibility	Range of vision as determined by the light and atmosphere conditions.
Sunrise	The calculated sunrise time for your location
Sunset	The calculated sunset time for your location

Note

Sunrise and sunset times are calculated locally from latitude and longitude information stored on your computer. Some conditions, such as refraction of light through the air, are hard to model. Resultantly, the calculated values for sunrise and sunset may be off by up to 10 minutes.

3.2 Forecast

The Forecast tabbed section displays a forecast for the location for the immediate future, usually the next five days.

Note

Forecasts are only available for some locations in the U.S.A, Australia and the United Kingdom.

3.3 Radar Map

By default, the Radar Map tabbed section is not displayed in the Forecast dialog. Weather Report downloads the radar maps from www.weather.com. If the radar map is not available from www.weather.com, Weather Report displays a question mark. To go to the www.weather.com web site, click on the Visit Weather.com button.

To enable the radar map, perform the following steps:

1. Go to the Weather Preferences dialog by selecting Preferences in the right-click menu.
2. In the General tab, select the Enable radar map option.
3. By default, Weather Report downloads the radar maps from www.weather.com. Select the Use custom address for radar map option to display radar maps from an alternative Internet address. You must type the address in the Address text box.

Note

Most locations do not define a default radar map, especially outside of the U.S.A. Many locations will require you to specify a custom URL, if you wish to have a radar map.
