

The KWeather Handbook



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Abstract

KWeather is part of the kdetoys package.

Chapter 1

Introduction

KWeather is an application that provides both a panel icon, allowing you to watch the weather as reported by a local weather station, and providing a weather service that can track multiple weather stations and provide this information to other applications including Konqueror's sidebar and Kontact's summary page.

Chapter 2

Using KWeather as a Panel Applet

right mouse button click on an empty space in the panel and choose Add → Applet → KWeather

A configuration dialog will open up. Initially the only configuration required to make KWeather work is the ICAO location code:

This is a four character code used by the weather reporting service to uniquely identify weather stations around the world.

As it's unlikely that most people will happen to know this directly, there is a link to a search engine where you can look it up.

NOTE

While the weather stations available are fairly comprehensive, not every town in every country will be represented, simply because not every town has an appropriate weather station. If your own town is not represented, you should choose the one nearest you. Since flying planes safely requires accurate weather data, most towns with an airport will be in the list, so a good bet is to look for the nearest airport to you.

At this point, you can press the OK button and the dialog will close. You will now have an icon displaying the current weather graphically on your panel. Clicking it once will open a window that shows the weather in detail.

Further configuration is described in the next chapter.

Chapter 3

Configuring KWeather

3.1 Display

Weather Station Options

ICAO location code: ICAO stands for the International Civil Aviation Organization. The ICAO location code is a four character alphanumeric code that uniquely identifies airports worldwide. The first two letters of the ICAO code usually identify the country. However, codes for airports in the United States usually start with "K", followed by a three character IATA (International Air Transport Association) code. For example, KORD is the ICAO code for O'Hare International Airport in Chicago, Illinois. If you don't know the ICAO code for the airport nearest to you, you can click on the link labeled [Lookup Your ICAO Code](#) to use a web based search engine to find it.

Panel Display Options

Show icon only, Show icon and temperature, Show icon, temperature, wind and pressure information

You can choose here if the temperature should be displayed beside the icon, or if the current wind speed, direction, and air pressure are also displayed.

The icon is always shown.

Logging Options

Enable logging By default KWeather does not retain old weather information, and each time it updates the weather the old information is discarded. If you wish instead to keep a record of the weather, enable this option. Then, each time the weather is checked, KWeather will append a new line to the log file containing the current weather conditions in comma separated value form. The information written

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will be the date, wind speed and direction, temperature, pressure, cover, visibility, and "current weather".

Log file If you have enabled the Enable logging check box, this option will become available. Enter or browse to the location you would like KWeather to keep it's log file.

3.2 Weather Service

Station Manager

Update All Stations Update all the listed stations immediately.

Exit Weather Service Stop fetching weather updates for all listed stations, and stop providing weather information to the Konqueror sidebar and Kon-tact

Chapter 4

KWeather Interfaces

While the most obvious KWeather interface is the panel icon, there are several other places where you can access KWeather's information. These are particularly useful if you need to watch multiple weather stations. While kweather allows you to track multiple weather stations, the panel icon displays only one at a time.

These additional services are plug-ins to their respective applications, and not provided with KWeather itself.

Chapter 5

Credits and Licenses

KWeather copyright (c) Ian Reinhart Geiser geiseri@users.sourceforge.net

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