

Re: WorldMap

Source: <http://sci.tech-archive.net/Archive/sci.geo.satellite-nav/2004-12/2593.html>

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In article <1104253502.407470.319300@z14g2000cwz.googlegroups.com>,

<r_munn@btinternet.com> wrote:

>I see that Garmin do a Worldmap CD, but does it exist for the

>Streetpilot III?

>Is there an alternative??

>Thanks in advance

>XRM

1) Yes, Garmin does have a maps product called WorldMap.

You can check the level of detail by having Java and Javascript enabled for Netscape or Mozilla or at least Internet Explorer 5 with scripting enabled (and perhaps, ActiveX) and clicking on the WorldMap MapSource Map Viewer on this web page:

<< <http://www.garmin.com/cartography/mapSource/WM.jsp> >> WorldMap

- 2) Garmin WorldMap is roughly equivalent in detail and accuracy to the base maps for the various Garmin GPS models combined. In my experience, looking at some regions with which I am familiar, generally, WorldMap has been slightly better than the base maps. Some of the regions that I have examined for this determination have been around Yellowstone National Park in Wyoming, USA; around Cochrane and Fraserdale in Ontario, Canada; and central Moscow, Russian Federation. Only quite major street and highways are mapped and the accuracy is on the order of 200m. This is still useful for orientation to one's position to a detailed paper map for the locale (which is how I used them in the III+).
- 3) I can not speak about the StreetPilot III specifically; but, I have tried WorldMap map segments in all of the following Garmin GPS receivers with reasonable results (no auto-routing capacity in the receivers that do auto-route, e.g.): III+, eMap, StreetPilot, StreetPilot ColorMap and 2610.
- 4) A full load of the entire WorldMap onto a CompactFlash card for use in a 26x0 can be done in a 512MB cartridge.
- 5) For my 2610, I am using a 2GB CompactFlash cartridge with all of

City Navigation North America 6 and all of the WorldMap segments greater than 1KB in size (these all appear to be detail-less) not completely overlapped by CNNA6. This fits on the cartridge.

The 2610 is willing to work with the entire set of maps.

- a) The cartridge load on a 1.7GHz 3/4 GiB PC took about 12 hours.
 - b) Copying a backup of the Garmin map image set from the CompactFlash card to disk took about 1/3 hour.
 - c) I have not yet tried restoring a back up to a CompactFlash cartridge and testing whether that works in a 2610. That is a project for another day.
 - d) I have noticed that the first time that the aforementioned ``entire world" CompactFlash resident map set is used in a 2610, the receiver spends about a minute examining and counting the map segments.
 - e) On subsequent uses, the receiver still counts the map segments; but, the process does not seem to impact the satellite acquisition nor take longer than even a warm start.
 - f) On the other hand, whereas searches for place names, e.g. one I actually tried, London, in the CNNA6 completed in seconds; I interrupted the search for London, England, UK after about 30 seconds. But, the 2610 was quite able to display the WorldMap mapping for the City of London, such as it is.
- 6) As far as I know, detailed land mapping from Garmin is only available for USA, Canada, Australia, (Western and Central) Europe, the Middle East and South Africa.

<< <http://www.garmin.com/cartography/ontheRoad/> >>

- 7) If you are interested in water navigation, the BlueChart series covers much of the ocean surface of the planet.

<< <http://www.garmin.com/cartography/ontheWater/> >>

- 8) There is some map sets generated by Garmin distributors themselves for Belgium, Chile, Croatia, Czech Republic, Finland, Germany, Hungary, Norway, Peru, Poland, Russia, Slovakia, South Africa, Sweden, Ukraine and Venezuela.

<< <http://www.garmin.com/cartography/mpc> >>

- 9) A Google search for ``Garmin maps -site:garmin.com" returns about a million references, some of these are for map sets not generated by Garmin or its distributors. I can not and will not conjecture or state anything about their qualities.

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