

R

- [Manually sorted list of Tech Notes \(OpenEarth and external links\)](#)
- [Automatic tree of OpenEarth Tech Notes](#)

Manually sorted list of Tech Notes (OpenEarth and external links)

- Obtaining R
 - kernel: [R-project](#)
 - windows GUI: [Tinn-R](#) and [RStudio](#)
 - packages: [CRAN](#)
 - [ncdf4](#) has no official windows binaries, but they can be found [here](#)
- Generic documentation and tutorials
 - [Advanced R programming](#) by Hadley Wickham
 - R for data journalists (<http://www.scoop.int/r-for-journalists>)
 - Matlab-Python-R_[comparison](#) of functions/commands
- Plot tips
 - [R gallery](#)
 - [Plotting backgroundmaps in R](#)
 - [Include Sparklines in data tables in R](#) (pretty cool)
- Download Rijkswaterstaat data directly from waterbase (Waterbase does not exist anymore)
 - [Download Rijkswaterstaatdata from Waterbase](#)
- Download Rijkswaterstaat data directly from the data distribution layer
 - [Get RWS DDL data](#)
- Access WFS using R
 - [As CSV](#)
 - [As GeoJSON](#)
 - [WFS of Kleine Mantelmeeuw data, visualization with Leaflet](#)
 - [R, bird data WFS, distribution maps and grids](#)
 - [Interactive gridding with R Shiny and R markdown](#)
- Access WCS using R
 - [As GeoTIFF](#)

netCDF/OPeNDAP tutorials

- [Plot NetCDF grids in R](#)
- [Scanfish from OpenEarth OPeNDAP](#)
- [Accessing netCDF/OPeNDAP data with R](#) (simple, download files first)
- [Creating a netCDF file with R](#) (more)
- [Accessing netCDF/OPeNDAP data with R](#) (ppt)
- [OPeNDAP subsetting with R](#)
- [Reading NetCDF directly from OPeNDAP using R](#)
- Sprint session "NetCDF functionality in the R statistical software" (2010 sept. 14 NIOO) by Tom van Engeland & Karline Soetaert
 - [course slides](#)
 - [course documentation](#)
 - [course example script](#)
 - [course example data](#) (upcoming)
- Simple bindings to version 2 of Unidata's udunits library ([udunits2](#))
 - note requires separate installation of 'lib-udunits2'
 - for Ubuntu 14.04 LTS (2015-07-10) use

```
sudo apt-get install libudunits2-dev
```

- R packages for accessing climate data:
 - <https://ram-n.github.io/weatherData/> # used this and it works ok
 - <https://cran.r-project.org/web/packages/RWeather/index.html> # never tried it
 - <https://cran.r-project.org/web/packages/RNCEP/index.html> # bit complicated but works
 - <https://ropensci.org/packages/> # search here for 'climate meteorological or weather'

Automatic tree of OpenEarth Tech Notes