WAsP Utility Programs, version 3
Contents, installation and support

The WAsP software and the WAsP Utility Programs are distributed solely by the Wind Energy Department at Risø National Laboratory:

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Use wasp@risoe.dk for general information and sales support; use wasplicence@risoe.dk for licence questions; use waspsupport@risoe.dk for technical questions and support.

System requirements

The WAsP Utility Programs have the same system requirements as the WAsP software in general: a PC with Windows 2000 or XP. The programs may run on Windows 98, ME or NT4, but these operating systems are not supported or recommended.

Installing the Utility Programs

The WAsP Utility Programs 3 have been compressed in order to save space and must be installed from self-extracting archive files provided on the installation disk or from self-extracting archives downloaded from www.wasp.dk. Program updates will be made available on the web site.

The archive files can be invoked from Windows Explorer. You must choose a folder or directory for the installation, e.g. \Program Files\Wasp\Utilities. The software is not installed as such, only copied into the folder.

In addition to the different programs (*.exe files), a number of data files and auxiliary files are copied to the installation folder as well. The WAsP Utility Programs User's Guide as well as some other documentation is provided as Adobe Acrobat *.pdf files. The tables below provide an overview of the package files.

File name	ext	Contents of WUPs31.exe (Command Prompt interface)
Installation	pdf	This file
Licence	pdf	End User Licence Agreement
Readme	pdf	Read this (optional) file for the latest information & history
WUPs30	pdf	WAsP Utility Programs 3 User's Guide
Interfaces	pdf	Note on the Utility Programs interfaces and how to use them
WASP	sty	Sample LaTeX style-file for *.TEX output files
Dforrt	dll	Auxiliary system file
Msvcrt	dll	Auxiliary system file
Dformd	dll	Auxiliary system file

File name	ext	Contents of WUPs31.exe (Command Prompt interface)
Finger	exe	Fingerprint program, version 2.02
Format	dat	Specification of the time-series format
Plt	dat	File with pen numbers for Grapher *.PLT file
Rawdata	dat	Sample data file for Finger.exe
Tab2Dat	exe	Histogram to DAT/GRF-file conversion program
RoseHist	bat	Sample batch file #1 for plotting the wind rose/histogram
Combine	bat	Sample batch file #2 for plotting the wind rose/histogram
Sectors	bat	Sample batch file #3 for plotting 12 histograms on one page
8sectors	bat	Sample batch file #4 for plotting 8 histograms on one page
Rsf2Grd	exe	Resource- to grid-file conversion program
Pow2Dat	exe	Power curve to DAT/GRF-file conversion program
Utm	exe	Map coordinate transformation and unscaling WAsP maps
Utm	cfg	Configuration file for UTM.EXE (datum selection)
Lib2Txt	exe	Print LIB-file in human-readable form, text or LaTeX
Dyv2Txt	exe	Transform DYV- or LYV-file into LaTeX file
Dmp2Txt	exe	Transform DMP-file into LaTeX file
Weibull	exe	Calculate characteristics from Weibull A and k
Density	exe	Air density calculator
Bbox	exe	Find BoundingBox of Grapher/Surfer (DOS) PostScript file
Bna2Map	exe	Atlas BNA-file to WAsP MAP-file translator
Df2Map	exe	AutoCAD DXF-file to WAsP MAP-file translator
Dat2map	exe	MapGen DAT-file to WAsP MAP-file translator
Grd2Map	exe	Surfer GRD-file to WAsP MAP-file conversion
Map2Grd	exe	WAsP MAP-file to Surfer GRD-file conversion
Rix	exe	Program to calculate the site ruggedness index (RIX)
<file name>	pow	Sample (historic) power curves

Other utility programs

In addition to WUPs31.exe, a number of auxiliary utility programs are included in the package: the LIB Interpolator and the Geo-Projection Transformer. The contents of the corresponding installation files are given below.

The LIB Interpolator

Installation of the LIB Interpolator consists of extracting the files to a folder, e.g. C:\Program Files\Wasp\Utilities, and then make a shortcut to the executable file LibIntLT.exe.

File name	ext	Contents of LibInt17.exe (Windows GUI)
LibIntLT	exe	The LIB Interpolator (Light, version 1.7)
LibIntLT	mht	Documentation for LibIntLT
DefaultA	lib	Sample wind atlas file
DefaultB	lib	Sample wind atlas file
DefaultC	lib	Sample wind atlas file

The Geo-Projection Transformer

Installation of the program consists of extracting the two files to the folder where the WAsP Map Editor is installed, e.g. C:\Program Files\Wasp\Bin, and then make a shortcut to the executable file ProjectionTransformerPr.exe.

File name	ext	Contents of ProjectionTransformerInstall.exe
ProjectionTransformerPr	exe	The Geo-Projection Transformer program
MapProjectionTransformerHelp	chm	Help file for the Transformer program

Version history

[09.06.2006] WAsP Utility Programs (CP interface) 3.1 uploaded.

[05.07.2005] LIB Interpolator LT 1.7 updated. Basic functionality and calculational procedures have not been changed; this is an 'administrative' update.

[09.05.2005] WAsP Utility Programs, update B (cumulative). Minor problems and updates concerning UTM.exe, LIB2TXT.exe and TAB2DAT.exe.

[04.03.2005] LIB Interpolator LT updated to version 1.7. Minor problem with wind rose plot fixed: the wind rose was turned one sector in the graphic (only).

[03.03.2005] Geo-Projection Transformer 2.0.0.7 uploaded. New utility program.

[06.12.2004] WAsP Utility Programs, update A. Minor problem with UTM.exe fixed.

[11.11.2004] WAsP Utility Programs (CP interface) 3.0 uploaded. All 17 command prompt interface programs recompiled to work with Windows 2000 and XP.

Downloading new and updated utility programs

New and updated versions of the WAsP Utility Programs will be made available on the WAsP web pages at http://www.wasp.dk/Download/UtilityPrograms.html.

The passcode for un-packing WUPs 3.1 is:

  18280-41125-43711-15979.

Note: although mentioned above, the Projection Transformer is NOT included in the utility programs, since you now get it with the Map Editor.