

PCRaster 4.1.0 Release Notes

Release Date: 4/7/2017
Release Type: Scheduled
CHPS Build: 17.1.1
PCRaster Version: 4.1.0
Build and Package Date: 1/19/2017
Tested against FEWS Binary: 2016.02 build 66526, patched from 66507

Introduction

Beginning with FEWS-2016.01, PCRaster is no longer distributed within the FEWS bin directory since it is not provided by FEWS. Therefore the required libraries must be downloaded from the PCRaster website separately and delivered & installed as part of a CHPS Release.

Fixes

Redmine ID	Requested By	Title
Bug #29581	OWP	PCRaster is no longer distributed within the FEWS bin directory

Redmine Feature 29581 – *PCRaster is no longer distributed by Deltares for FEWS.*

Description

While OWP was performing pre-beta regression testing using FEWS-2016.02, we ran into the following error:

```
nl.wldelft.fews.adapter.hec.HecRasAdapter failed with error  
/awips/chps/hec/hecras/4.1.0_1.0.8/libjavaHeclib.so
```

Cause

Deltares no longer distributes the PCRaster libraries that are needed by FEWS.

Fix

OWP has downloaded the PCRaster 4.1 libraries required for FEWS from <http://pcraster.geo.uu.nl/> and they will be delivered and installed as part of the CHPS-17.1.1 installation process.

Note:

The default install directory for PCRaster is Modules, and that is where the PCRaster adapter will look for these libraries unless the global properties token PC_RASTER_HOME is set to override it.

OWP has decided to go with guidance for installing these libraries at the REGION_HOME/Models/pcraster level and not the FEWS default REGION_HOME/Modules/pcraster. Configuring PCRaster this way will make it be more like what is done for OHD-CORE, HEC-RAS and RESSIM binaries. This will require that you set a global properties token for PC_RASTER_HOME=%REGION_HOME%/Models/pcraster, otherwise FEWS will look for PCRaster in the default directory under Modules.