

QGIS Application - Bug report #6786

Poor handling of float nodata value

2012-11-29 08:10 AM - Rudi von Staden

Status: Closed	
Priority: Normal	
Assignee:	
Category: Rasters	
Affected QGIS version: master	Regression?: No
Operating System: ubuntu	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: wontfix
Crashes QGIS or corrupts data: No	Copied to github as #: 15935

Description

I am trying to process some bioclimatic raster files, such as can be downloaded from <http://www.worldclim.org/current> (bioclim set). They seem to have nodata values set to $-3.4e+38$ according to QGIS (looking at the output of gdalinfo, it's $-3.3999999999999996e+38$).

QGIS picks up the nodata value (attached nodata_dialog.jpg), but does not apply it. In the layer styling, there's an entry for $-3.4e+38$ set to 100% transparent, but it still displays such values, even though the "Identify features" picker shows them as having value $-3.4e+38$ (nodata.jpg).

A workaround was to first use gdalwarp to change the nodata value to an integer, or to use gdal_translate to convert from a float to integer raster file. See discussion at <http://gis.stackexchange.com/questions/42555/what-to-do-with-3-4e38-nodata-values/> for more.

History

#1 - 2012-11-30 03:03 AM - Giovanni Manghi

- Status changed from Open to Feedback

rasters have been overhauled in qgis master, have you tested it?

#2 - 2013-02-17 01:20 AM - Jürgen Fischer

- Resolution set to wontfix

- Status changed from Feedback to Closed

closing for the lack of feedback

Files

nodata_dialog.jpg	45.5 KB	2012-11-29	Rudi von Staden
nodata.jpg	38.8 KB	2012-11-29	Rudi von Staden