

# Basic Raster Styling and Analysis

## QGIS Tutorials and Tips



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Translations by

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□ □□□□□ Columbia University□ [Gridded Population of the World \(GPW\) v3](#) □□□□□ □□□ □□□□. □□, 1990□□ 2000□ □□□ ASCII □□□ □ □□□ □□□□ □□□ □□□□ □□□□□. □□□□ □□ □□□□ □□□ □□ □□□□□□□ □□□□□.

1. Go to the [Population Density Grid, v3 download page](#). Select the Data Attributes as .ascii format, 1° resolution and 1990 year. Click Download. At this point, you may create a free account and login, or use the Guest Download button at the bottom to immediately download the data. Repeat the process for 2000 year data.

Set Overview

Data Download

Maps

Map Services

Metadata

## Downloads

Recommended Citation:

Center for International Earth Science Information Network - CIESIN - Columbia University, and Centro Internacional de Agricultura Tropical - CIAT. 2005. Gridded Population of the World, Version 3 (GPWv3): Population Density Grid. NY: NASA Socioeconomic Data and Applications Center (SEDAC). <http://sedac.ciesin.columbia.edu/data/set/gpw-density>. Accessed DAY MONTH YEAR.

Download this Citation:

*Please check the Research Note field for issues pertaining to importing authors that are organizations.*

ENW

Use this format for EndNote and RefWorks software.

RIS

Use this format for ProCite, Reference Manager and Zotero software.

Data:

Geography: 

Region ▾ » Global ▾

Data Set: 

Population Density Grid ▾

Data Attributes: 

.ascii ▾

1° ▾

1990 ▾

Download

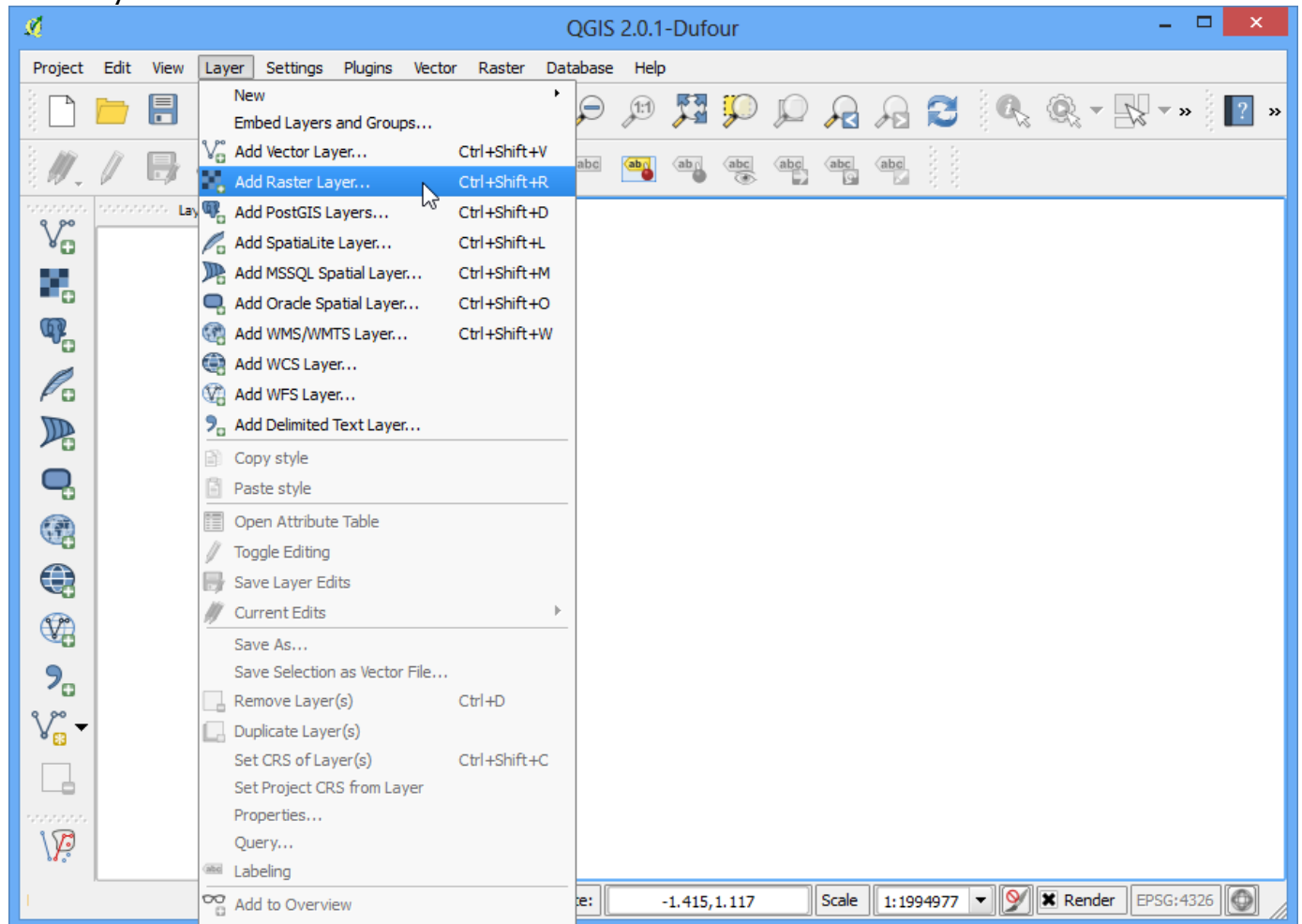
 feedback and support

2. 200 000000 000000 00000.

000 00 [GPW3]

00

2. QGIS 000000 00 000 --> 000 000 00 :menuselection: Layer --> Add Raster Layer.. 0 0000.



3. 000000 000000 0000. 0000 :kbd: Ctrl 0 0000 000 000000 000000. 0 0000  
0 00 000 000 000 0 00000. 000 00 0 00 000 0000 00 00 0000 000000.



4. □ □□□□□ 2□□ □□□□□□ □□□□□□. □□□□ □□ `a` □ □□□□ UN □□□ □□□ □□ □□□□□. □ □□□□□ □□ □□□□ □□ □□□□. `glds00ag60.asc` □ □□□ □□□□ □□□□□□. :guilabel: `OK` □ □□□□□.



5. □□□□ □□□ CRS □ □ □ □ □□□□. □□ □□□□ □□/□□□□□ □□□□□ `EPSG:4326` □ □□□□□.



6. 在弹出的对话框中，选择 WGS 84 坐标系，并单击 OK 按钮。



7. 在弹出的对话框中，选择 EPSG:4326 坐标系，并单击 OK 按钮。



8. QGIS 3.10.0-Prerelease 32-bit (64-bit) is available. It is a new version of QGIS 3.10.0-Prerelease 32-bit (64-bit), which is a new version of QGIS 3.10.0-Prerelease 32-bit (64-bit).





10. 00000 000 00 00 000 00 000 000 0000 0 000 0000. 00000 0000 000  
 000 0000 00 :guilabel: `Properties` 0 00000. TOC 0, Table of Contents00  
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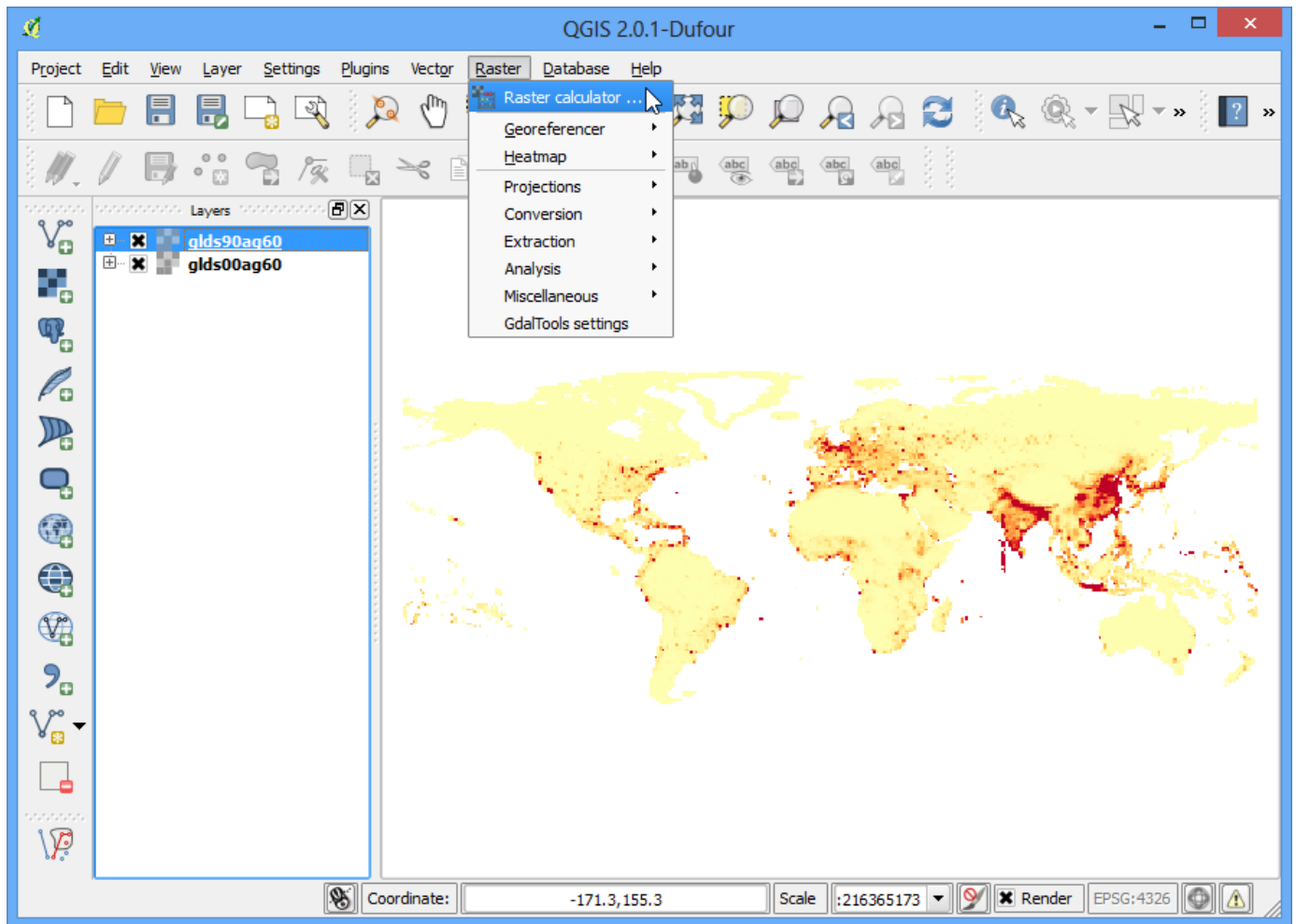






12. QGIS の Style タブで、単バンド擬似カラーで表示する。カラーマップを生成する。クラス数を 5 に設定する。カラーマップの範囲を 0 から 440.32 に設定する。カラーマップの範囲を 0 から 440.32 に設定する。





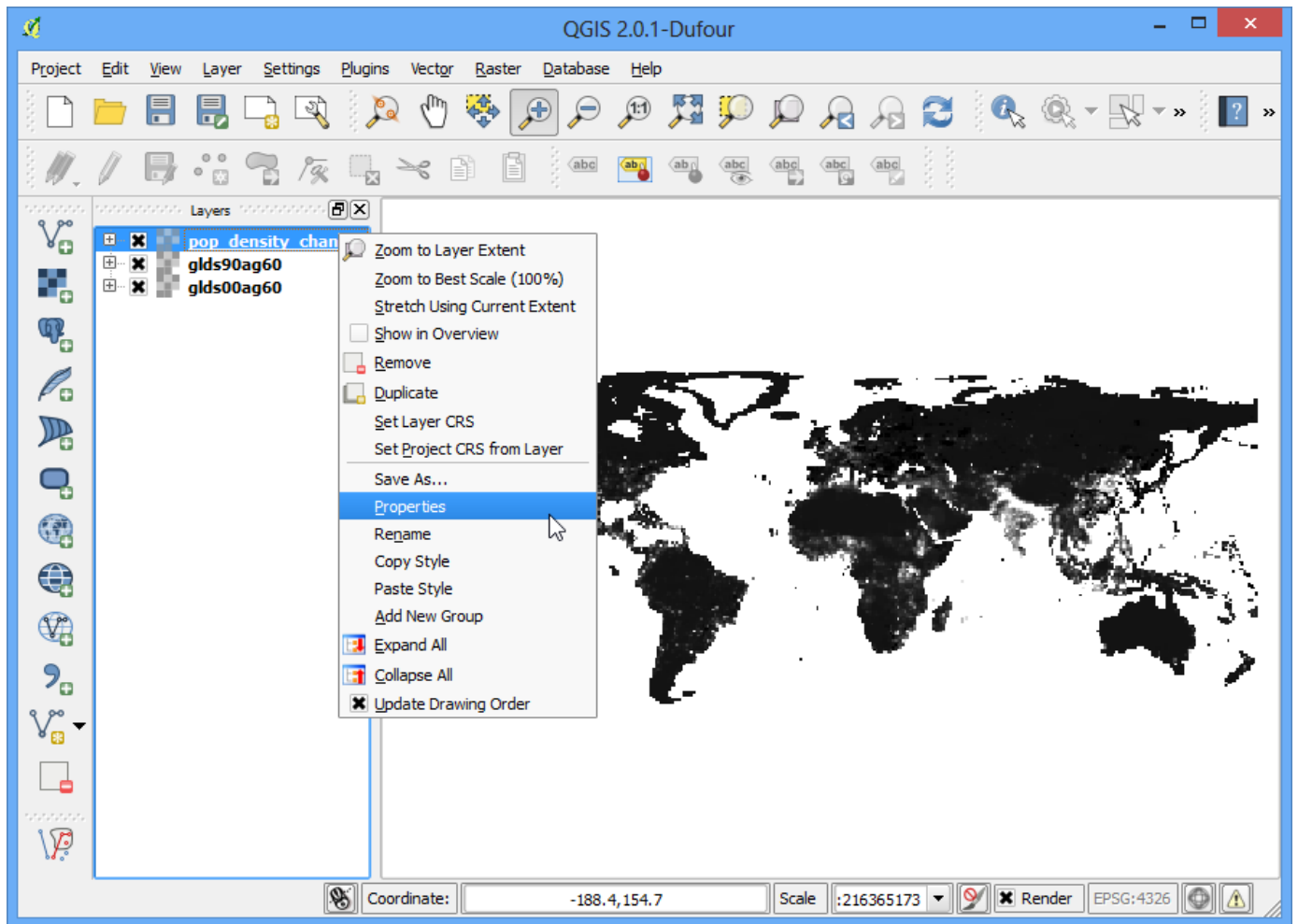
- ```
14. 000 00 Raster bands 00 0000 00000000 0000 000 0 0000. 000 000 00
00 @0 0000 0000. 000 0000 00 000 000 000000 00000 1 00 00 0 0
0000. 000 0000 000 000 00 0000 000 0 0 0000. 0000 200000 000000
199000 00000 00 000 00 00000. 0 glds00ag60@1 - glds90ag60@1 0
00000. 00 0000 :guilabel:`pop_density_change_2000_1990.tif` 0 0000 000
00000 00 :guilabel:`Add result to project`000 00000. :guilabel:`OK`0
00000.
```



15. □ □ □ □ □ □ □ □ QGIS □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □.



16. `pop_density_change_2000_1990`, `pop_density_change_2000_1990`.  
 :guiLabel: Properties



17. 0000 000000 000 00 000 000 0000 0000 00 00 000 00 000. 0 000 00  
00 00000 :guilabel: `Metadata` 000 000. 000 00000 000 000000. 0 00000 00  
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18. 00 000 Style 000 000. 00 000 :guilabel: `Band Rendering` 00 00 00
:guilabel: `Render type` 00 0000 0000 :guilabel: `Singleband pseudocolor` 0
00000. 00 00 :guilabel: `Color interpolation` 00 00 :guilabel: `Discrete` 0
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21. □□ □ □ □ □□□ □□□□ '□□' □ □□□ □□□□. □□ □□ --> □□□ □□□  
:menuselection: `Raster --> Raster calculator` □ □□□.



22. `pop_density_change_2000_1990@1 < -10` `negative_pop_change_2000_1990`  
 Add result to project `OK`



23. □□ □□□ □□□□ □□□□□□□□. □□□ □□□ □□□ □ □□ □□ :guilabel: `Properties` □  
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 :guilabel: `Additional no data value` □ 0 □ □□□□□. □□□ □□□ 0 □ □□ □□ □□ □□  
 □□□□ □□□□. :guilabel: `OK` □ □□□□□.



24. □□ □□□□□ □□□ □□□ □ □ □□□□.

