

# Creating Heatmaps

## QGIS Tutorials and Tips



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Translations by

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London Metropolitan Police - London Metropolitan Police is a police force in London, England. It is the largest police force in the United Kingdom, with a budget of £1.1 billion in 2011. The force is responsible for the policing of the Metropolitan Police District, which covers the area of Greater London. The force is divided into several divisions, including the Central Division, the East Division, the North Division, the South Division, and the West Division. The force is also responsible for the policing of the City of London, which is a separate police area.



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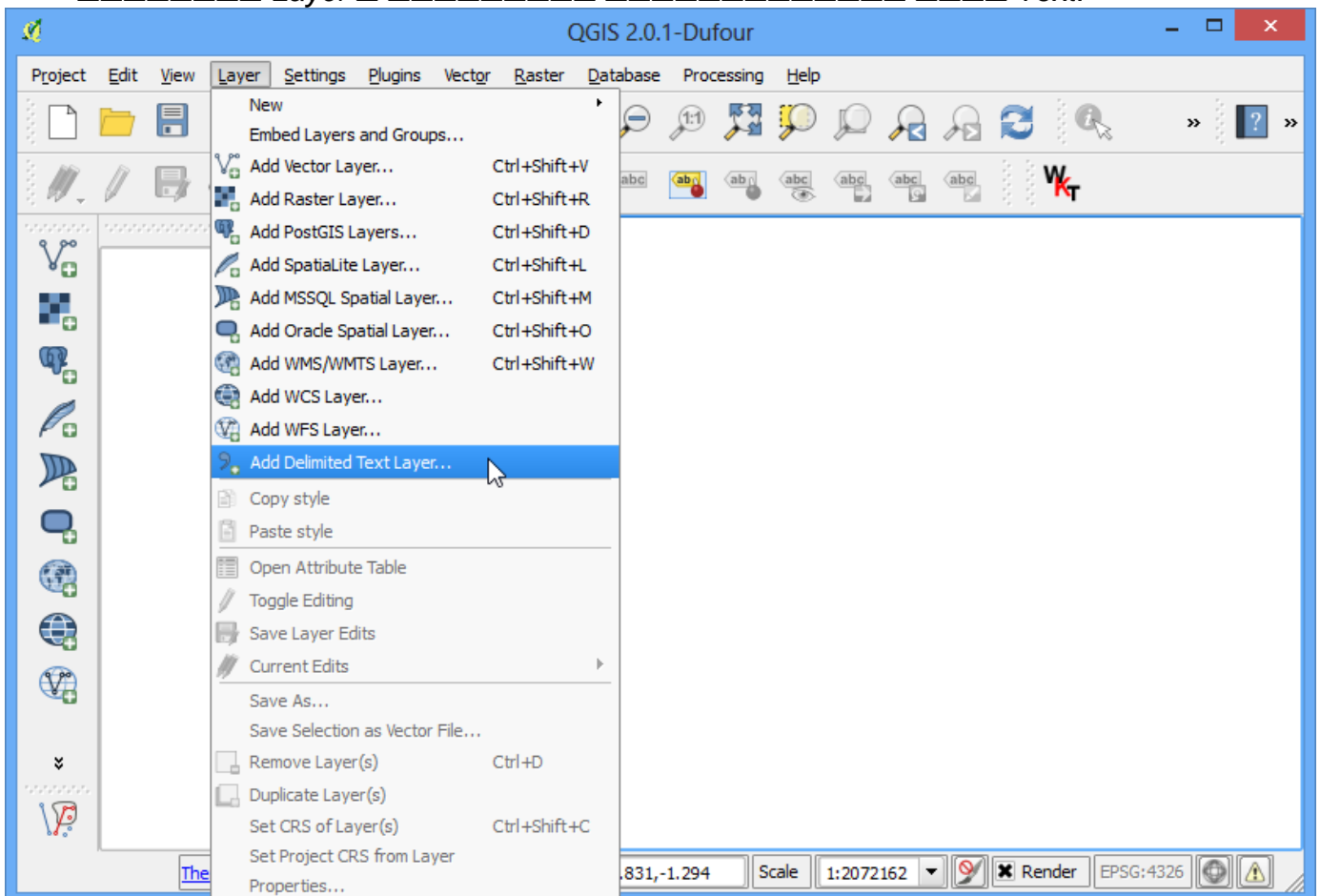


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2. Police-uk-crime-data-surrey.txt CSV (Easting Northing Use OK.

Create a Layer from a Delimited Text File

File Name: C:/Users/ujaval/Downloads/police-uk-crime-data-surrey/police-uk-crime-data-surrey.txt Browse...

Layer name: police-uk-crime-data-surrey Encoding: UTF-8

File format: ☒ CSV (comma separated values) ☐ Custom delimiters ☐ Regular expression delimiter

Record options: Number of header lines to discard: 0 ☒ First record has field names

Field options: ☐ Trim fields ☐ Discard empty fields ☐ Decimal separator is comma

Geometry definition: ☒ Point coordinates ☐ Well known text (WKT) ☐ No geometry (attribute only table)

X field: Easting Y field: Northing ☐ DMS coordinates

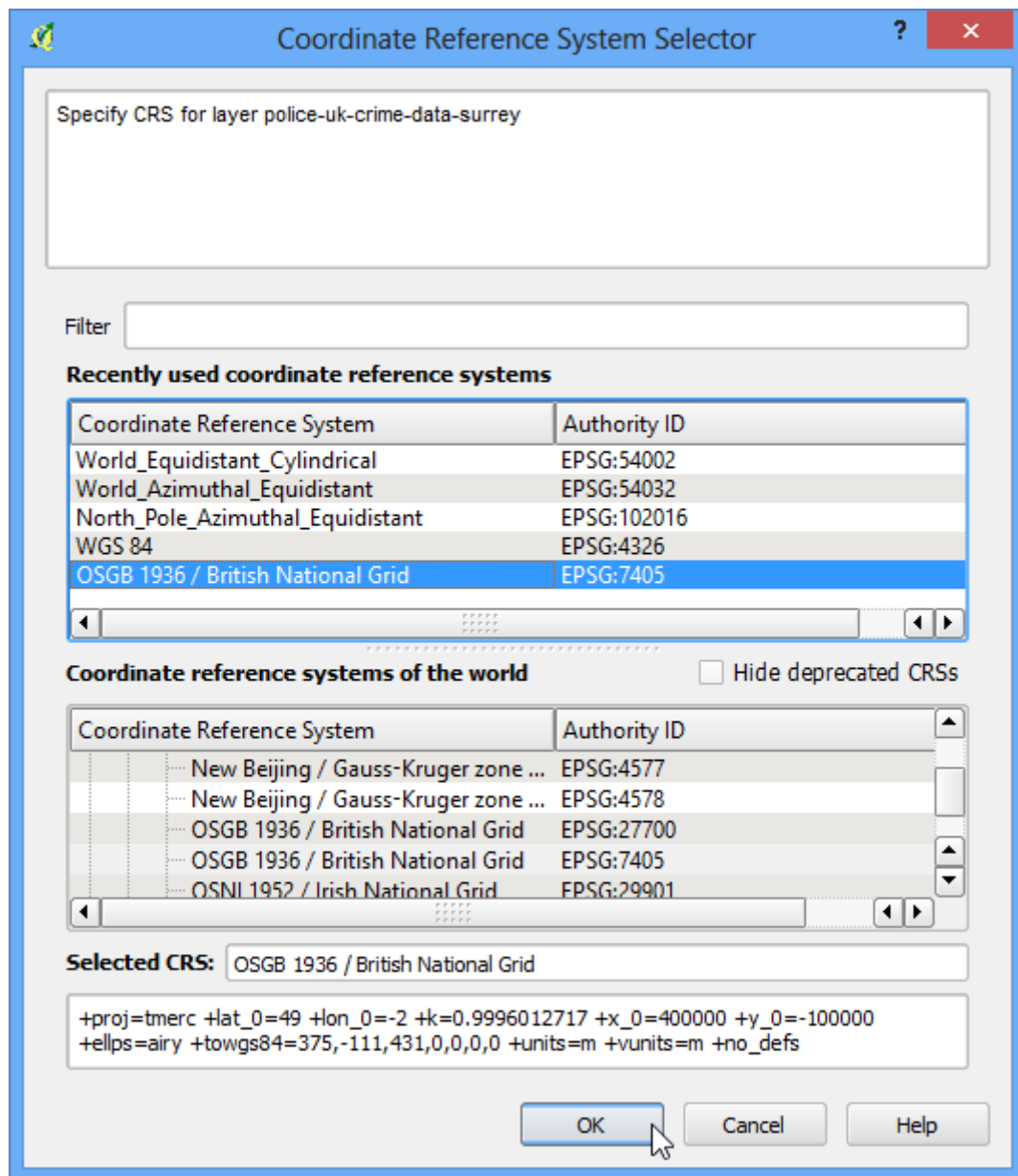
Layer settings: ☒ Use spatial index ☐ Use subset index ☐ Watch file

	ID	Month	Reported by	Falls within	Easting	Northing	Location	Crime type	Conte
1	480097	2010-12	Surrey Police	Surrey Police	532773.00	156680.00	On or near Addison Road	Burglary	
2	480098	2010-12	Surrey Police	Surrey Police	498361.00	149806.00	On or near The Oval	Burglary	
3	480099	2010-12	Surrey Police	Surrey Police	498205.00	165251.00	On or near Albury Close	Burglary	
4	480100	2010-12	Surrey Police	Surrey Police	507437.00	174069.00	On or near Sanctuary Road	Burglary	
5	480101	2010-12	Surrey Police	Surrey Police	498205.00	165251.00	On or near Albury Close	Burglary	

OK Cancel Help

3. , Close.





5. ■■■■■■■■ ■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■■■■■■■ ■■ QGIS.



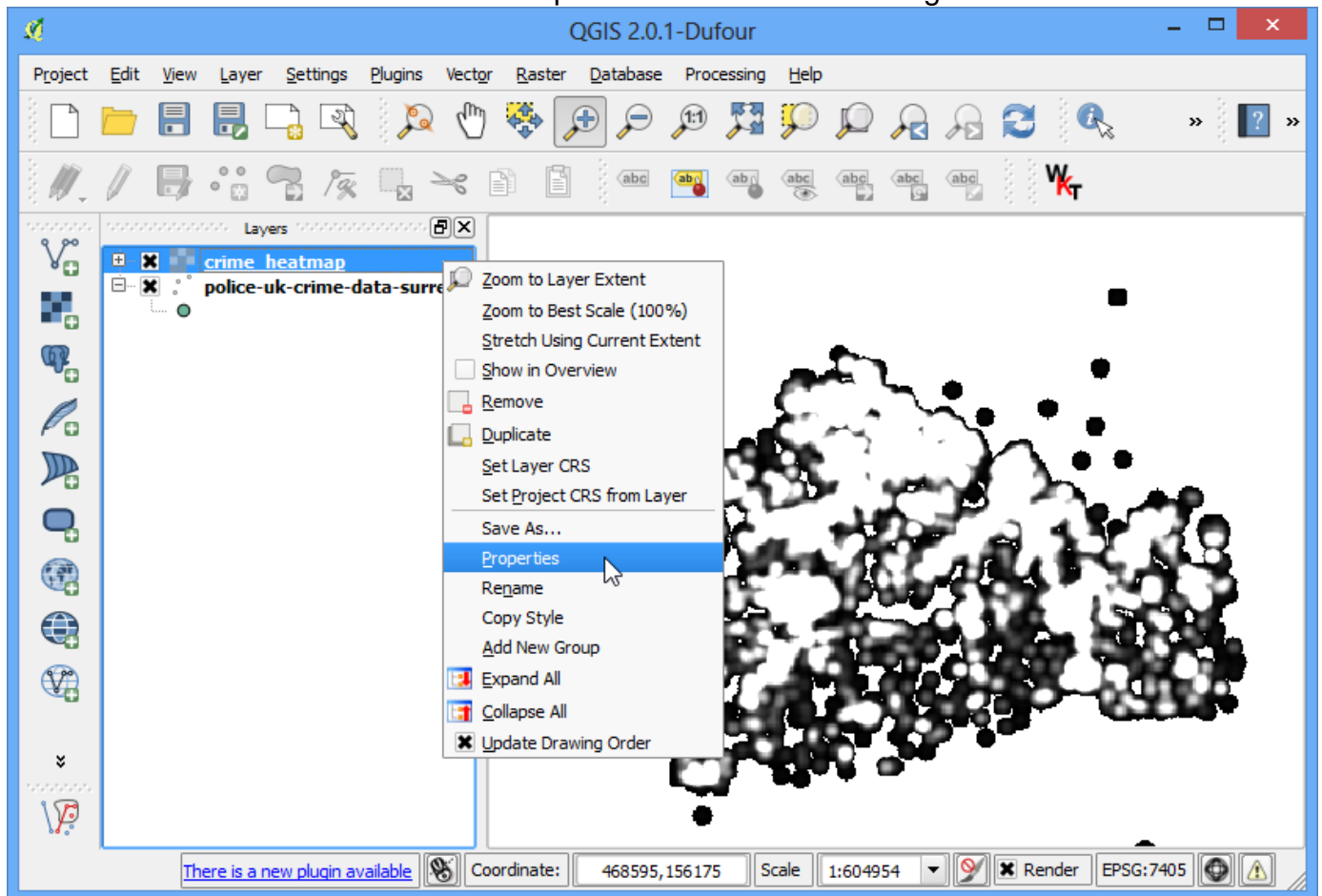






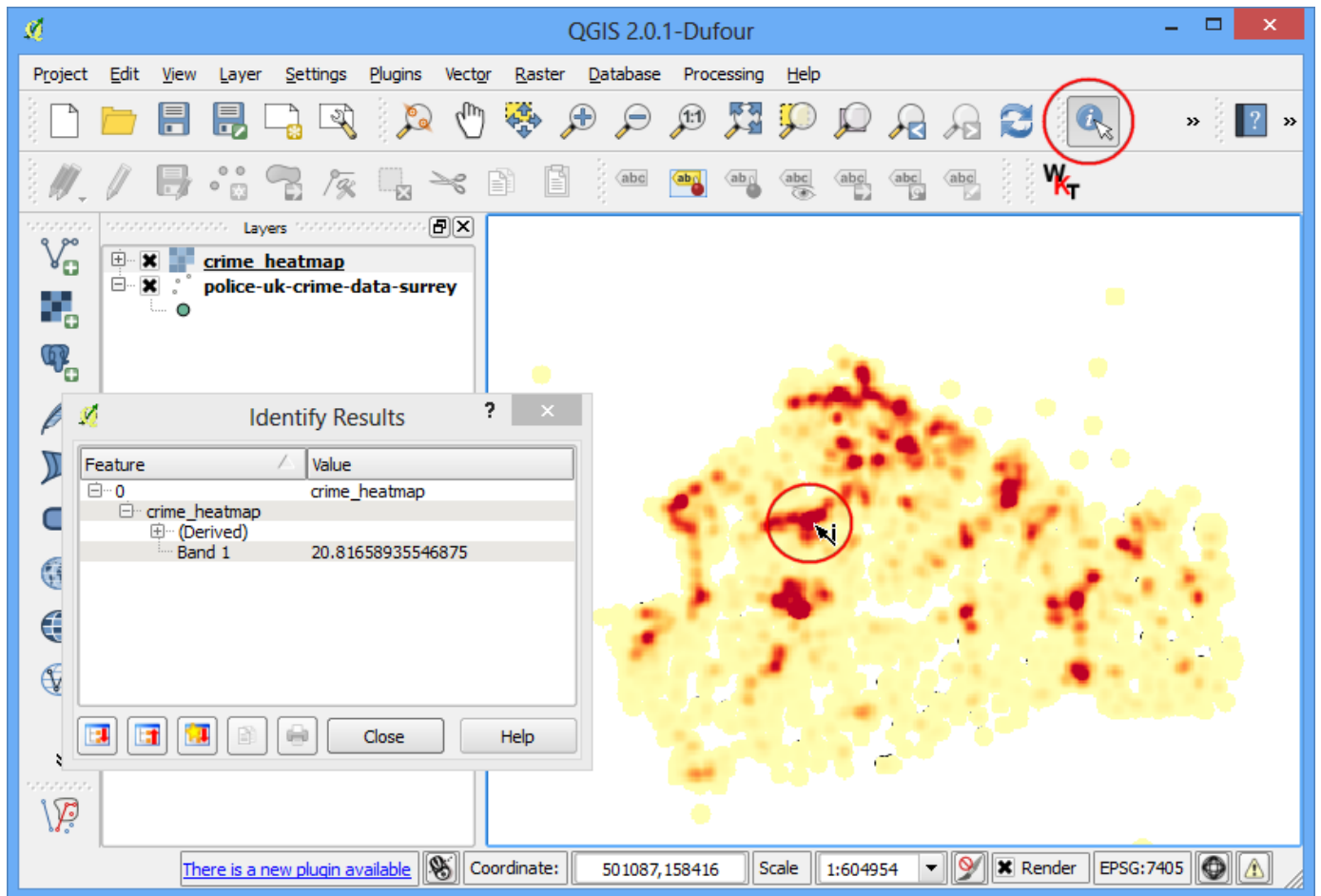


10. `heatmap` `heatmap`, `heatmap`, `heatmap` : `guiabel:`.

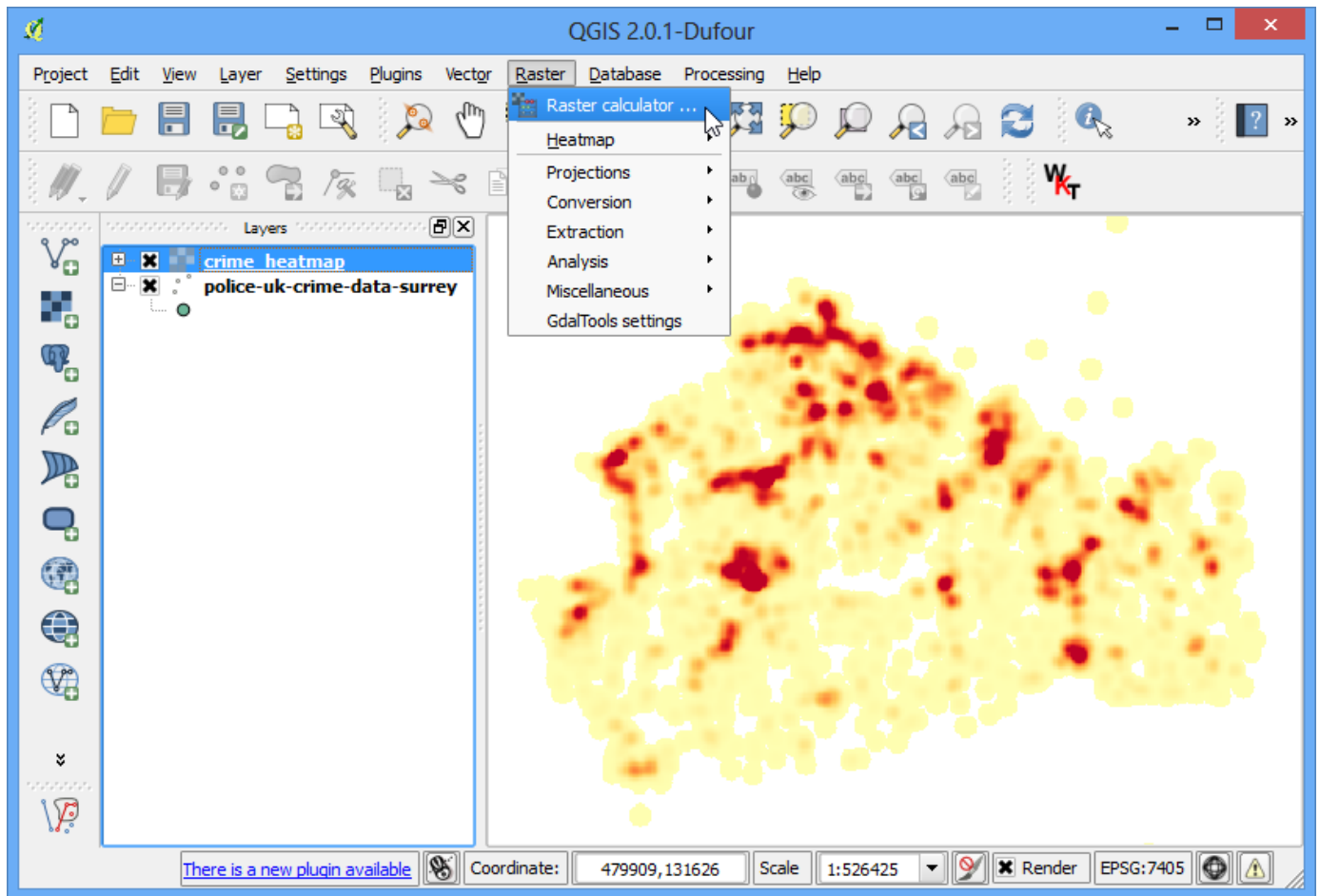


11. `Style`, `Singleband pseudocolor` `Render`. `Load min/`, `Actual` (`Accuracy`) `Load`. `heatmap` `Generate` `YIOrrd` (`Yellow-orange`) `Classify`. `OK`.

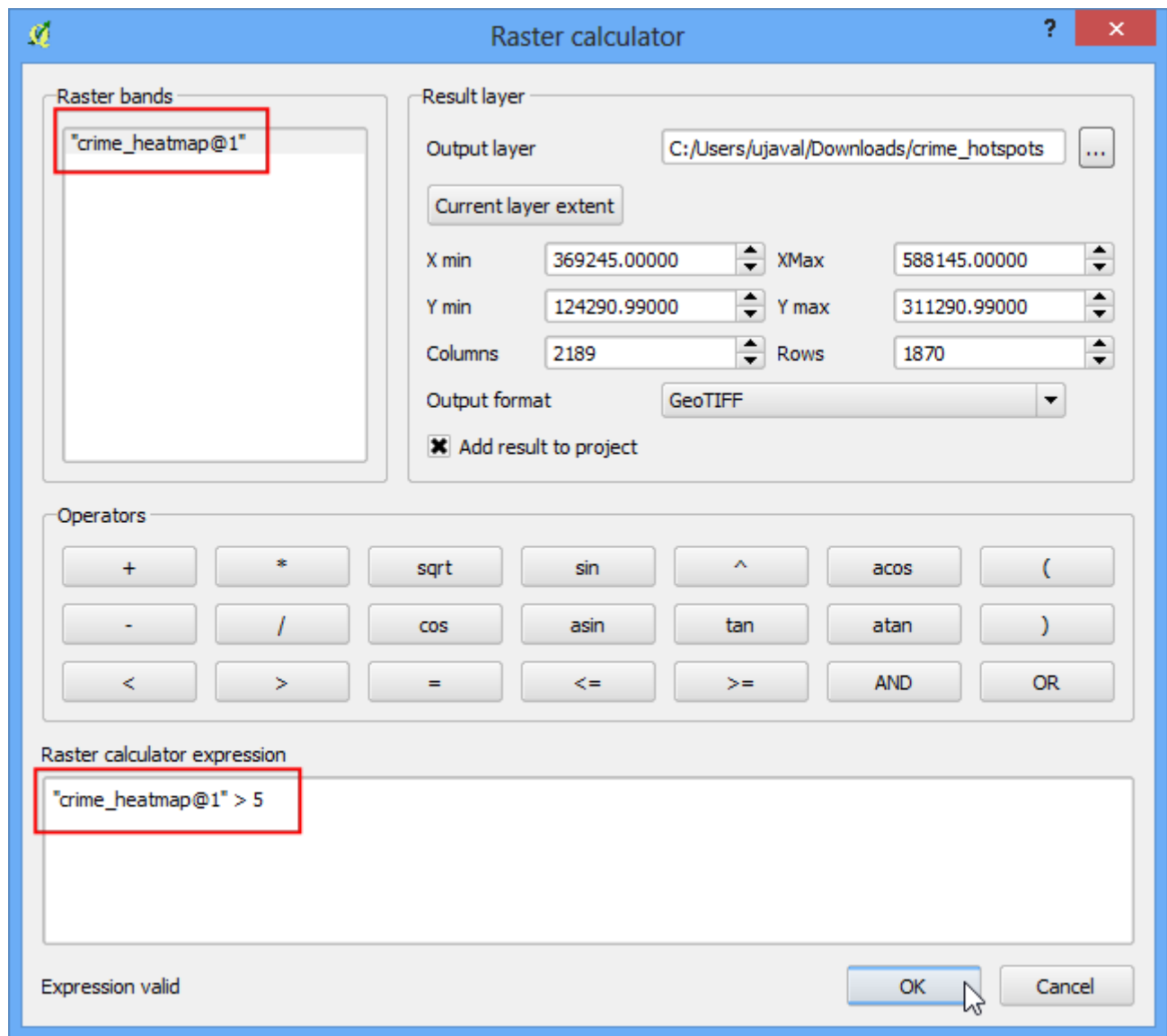




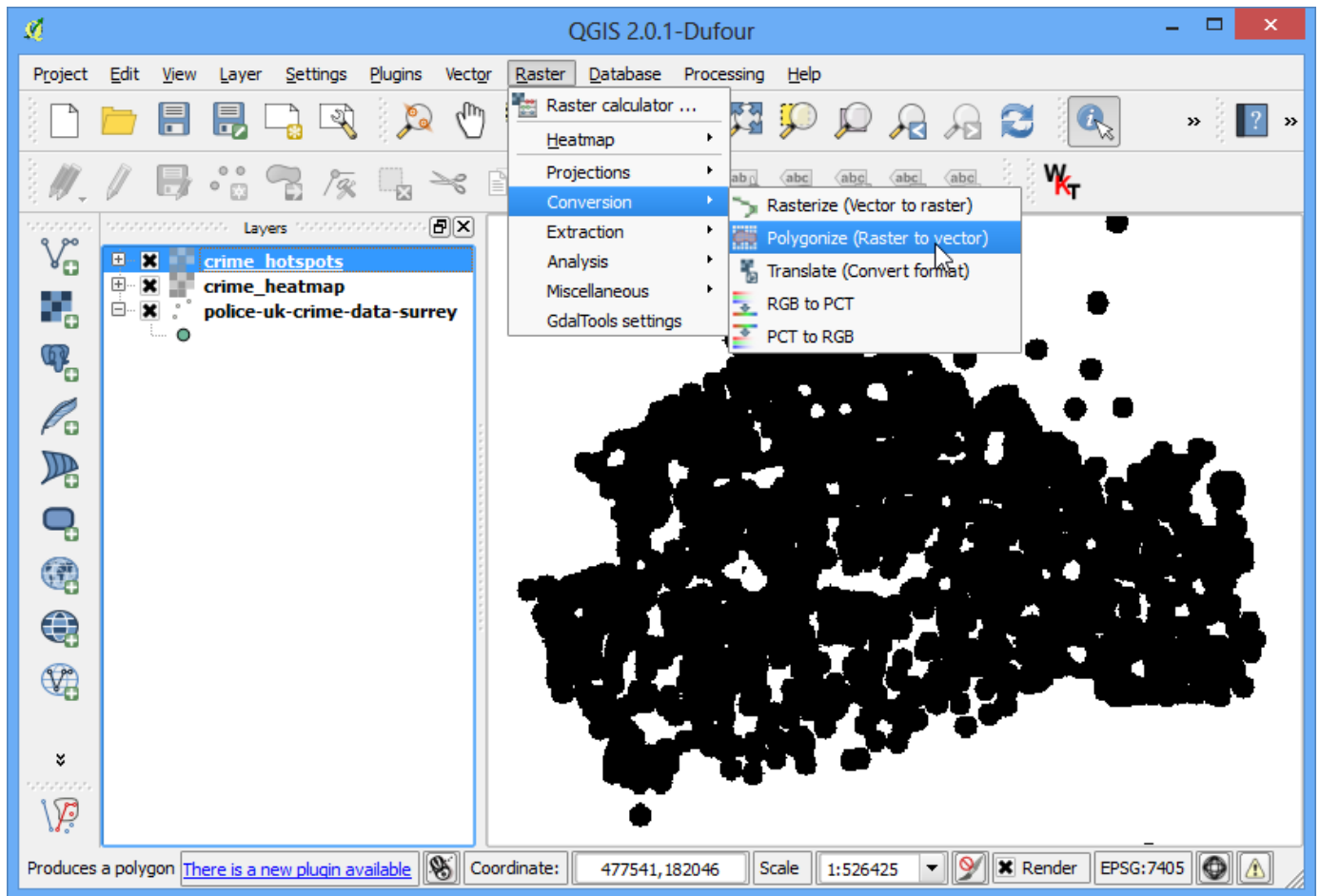
13. **Heatmap** is a visualization of the density of points in a vector layer. It is created by the **Heatmap** processing tool. The output is a **Raster** heatmap. The **Heatmap** processing tool is located in the **Processing** menu.



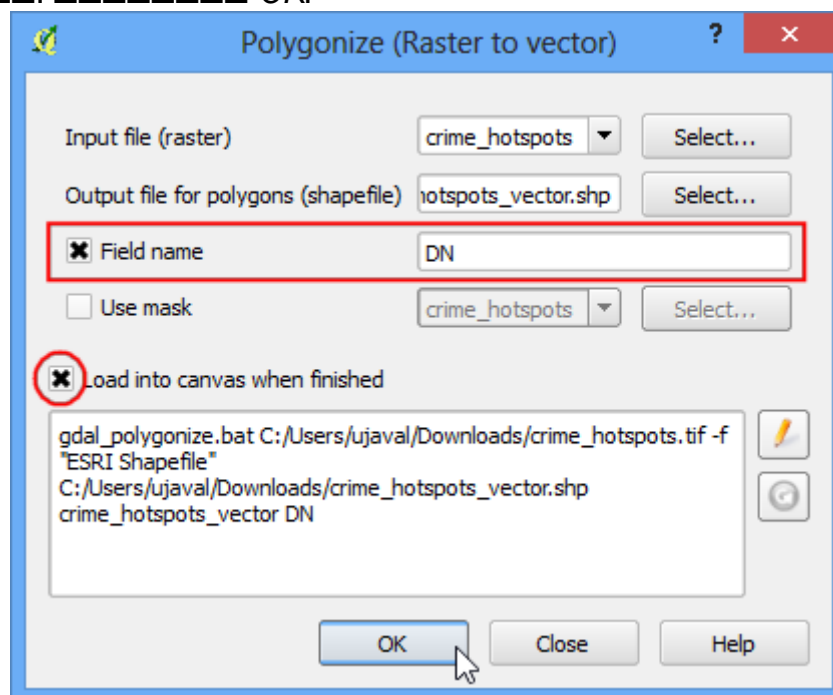
- [illegible]



15. ■■■■■■ ■■■■ ■■■■■■ ■■■■■■■■■■ QGIS. ■■■■ ■■■■ ■■■■■■ ■■■■■■ ■■■■■■■■■■ ■■■■ 0, ■■■■ 1. ■■■■ ■■■■■■ ■■■■ ■■■■■■■■■■ ■■■■, ■■■■ ■■■■■■■■■■ ■■■■■■■■■■ ■■■■ ■■■■■■■■■■, ■■■■ 5 ■■■■■■ ■■■■■■ ■■■■■■■■■■ 1 ■■■■ remianing ■■■■■■■■■■ ■■■■■■■■■■ 0. ■■■■■■■■■■ ■■■■ *Raster* ■■■■■■■■■■ ■■■■ *Polygonize* (■■■■■ ■■■■■■■■■■).

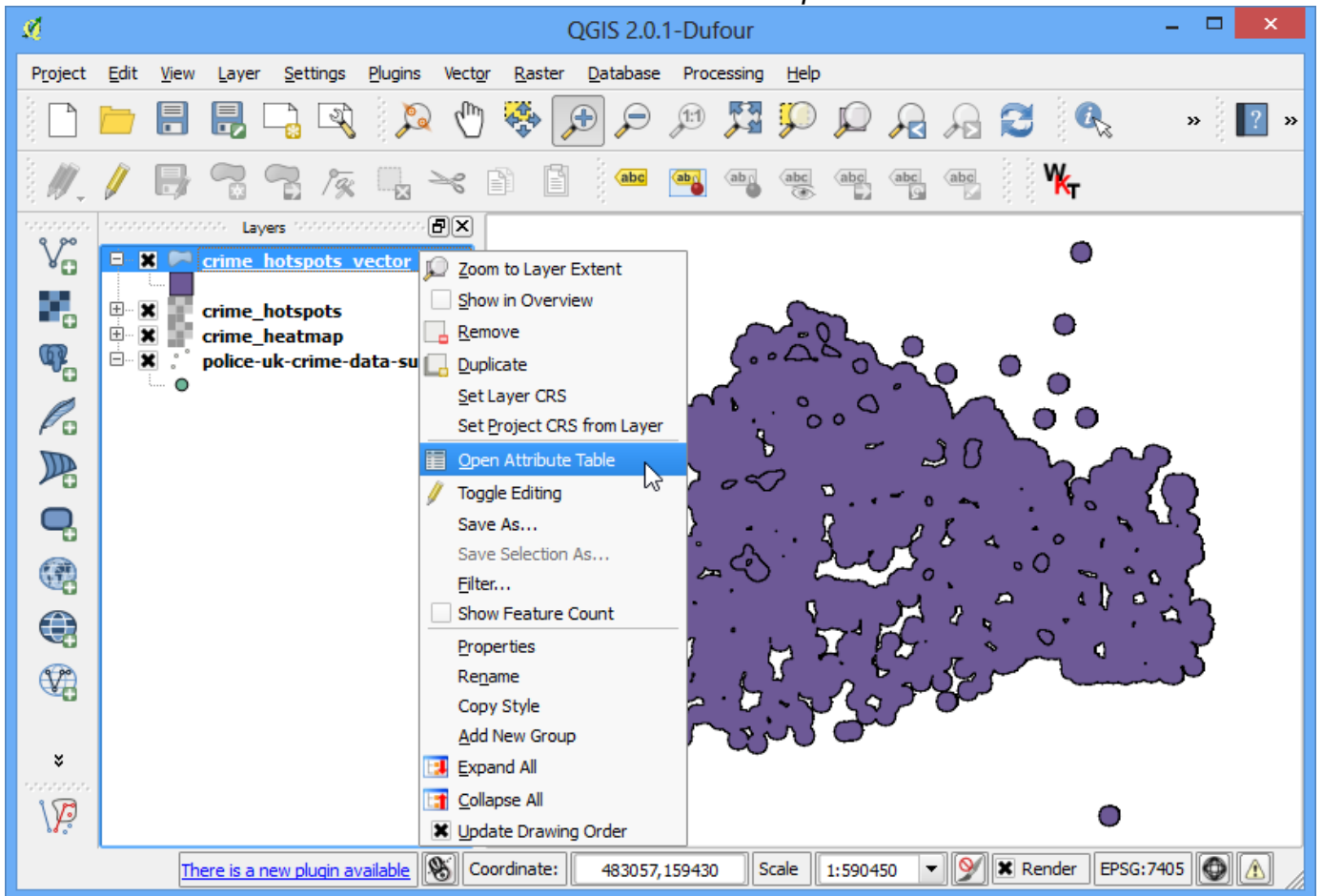


16. Click on the **Field** checkbox and enter **DN** in the **Load** field, then click **OK**.



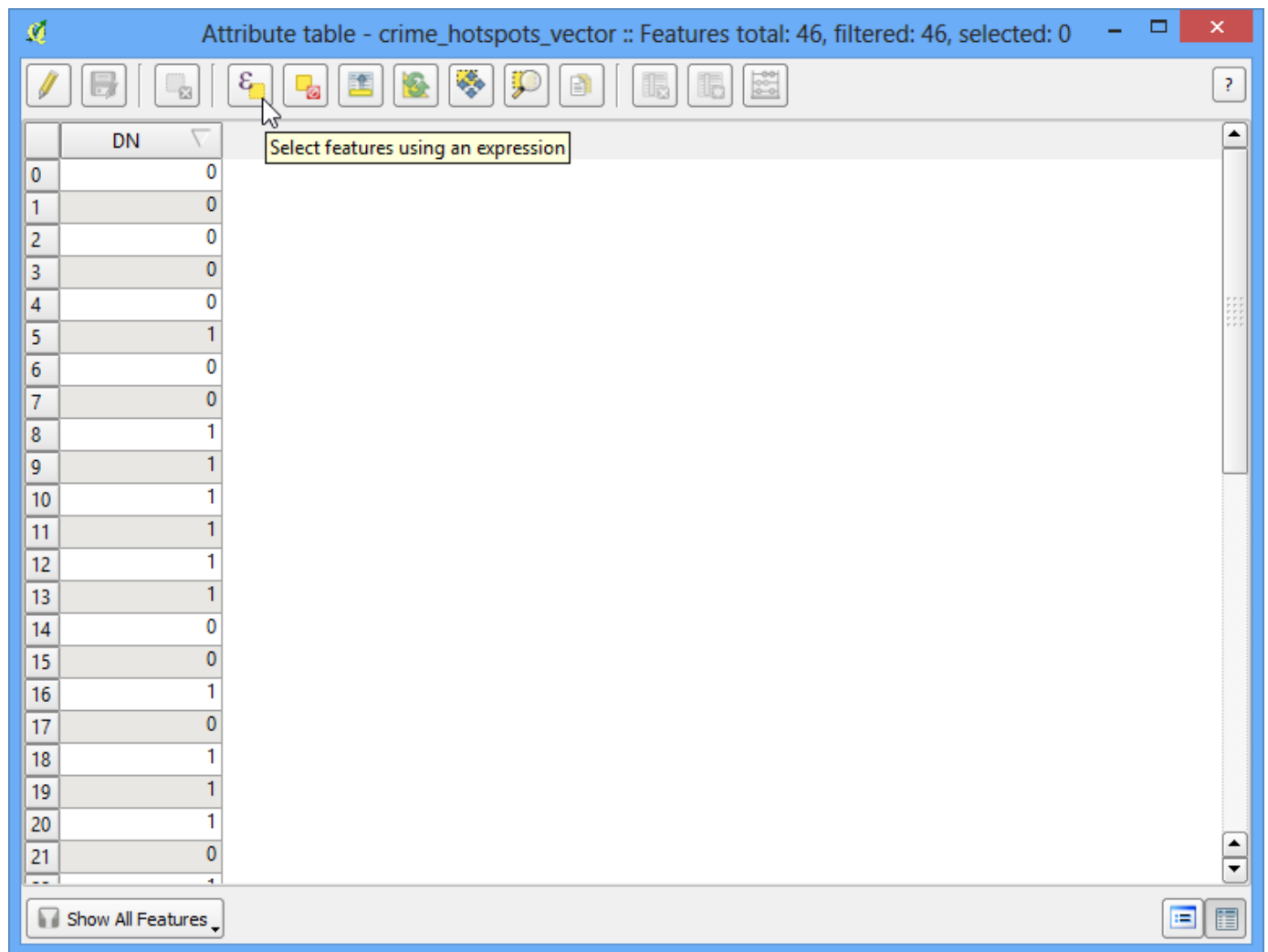
17. Click on the **filter** checkbox and enter **0** in the **filter** field, then click **OK**.

....., ..... Open .....



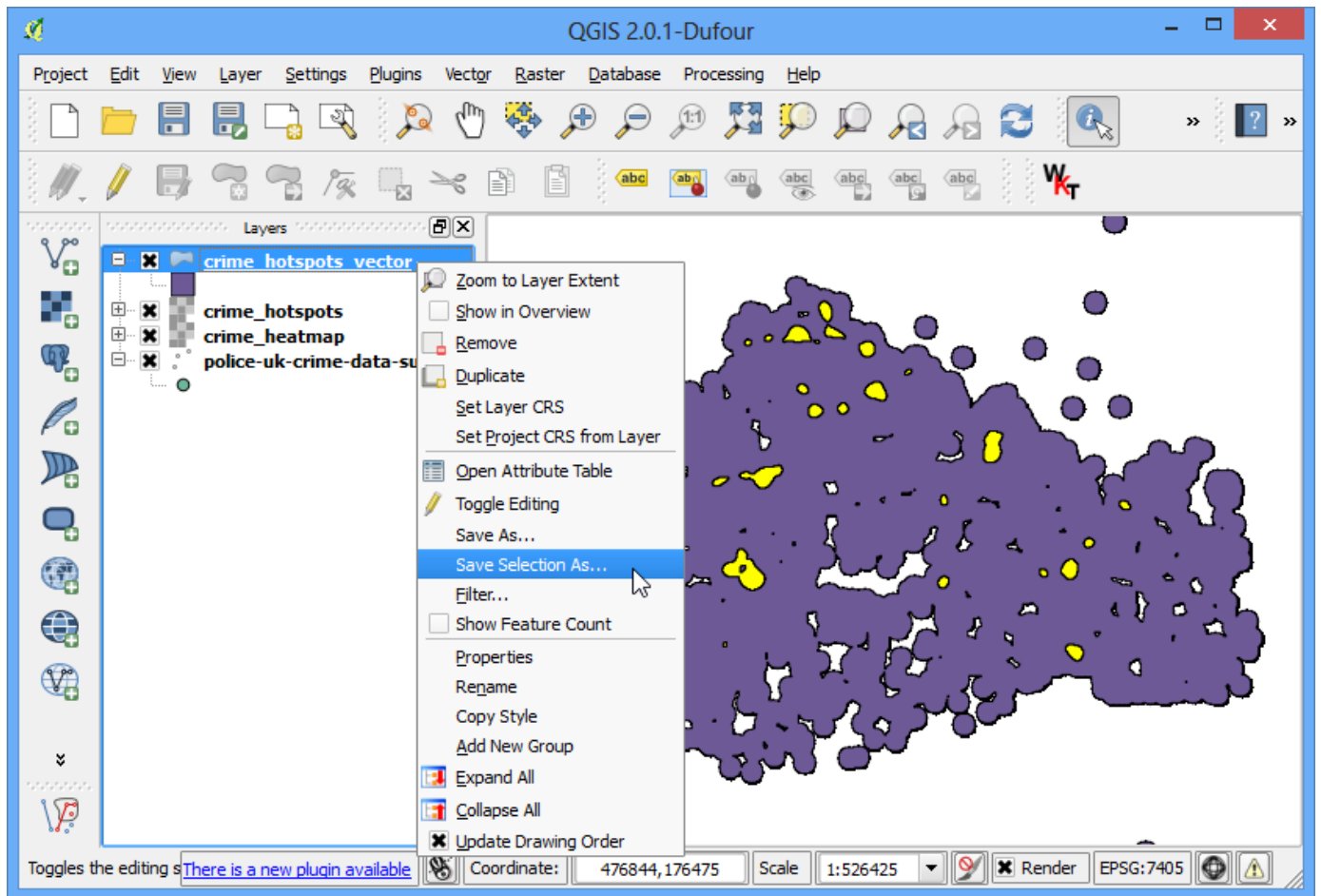
18. .... Select .....





19. **QUESTION** **QUESTION**, **THE** "**QUESTION** **THE**" = 1 **THE** **QUESTION** **QUESTION**. **QUESTION**, **QUESTION** **THE** **QUESTION**.





21. ■■■■■■■■■■ output ■■■■ ■■■■ *crime\_clusters*. ■■■■■■■■■■ ■■■■■■■■■■ ■■■■■■■■■■  
 Add ■■■■■■■■■■ ■■■■, ■■■■■■ ■■■■■■■■■■ ■■ ■■■■■■ ■■■■■■■■■■ OK.



