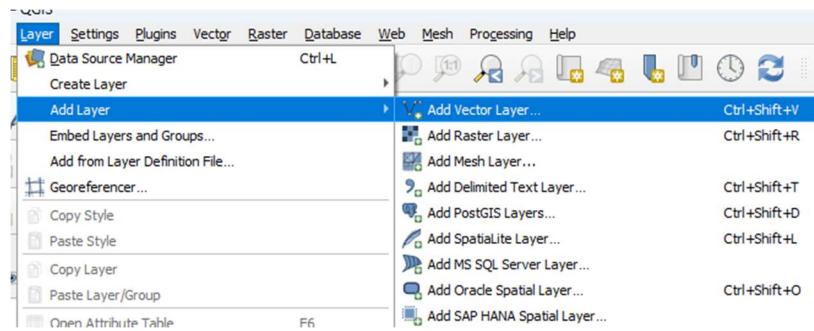


## Practical 8

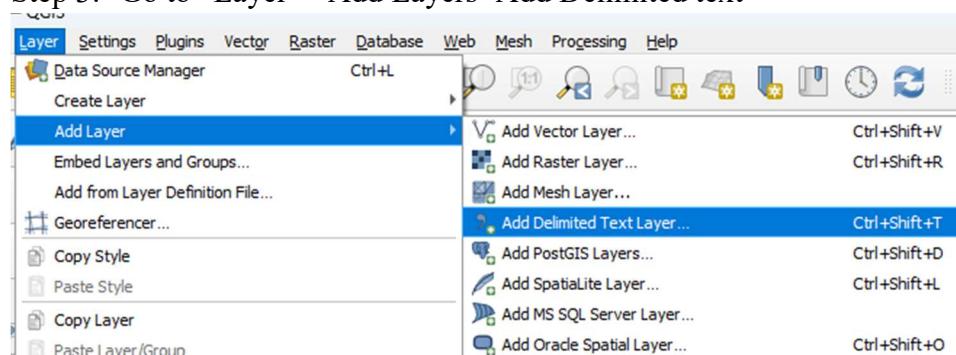
Step 1:- Go to “Layer”> Add Layers>Add vector layer> select the appropriate file>Click on Add and close.



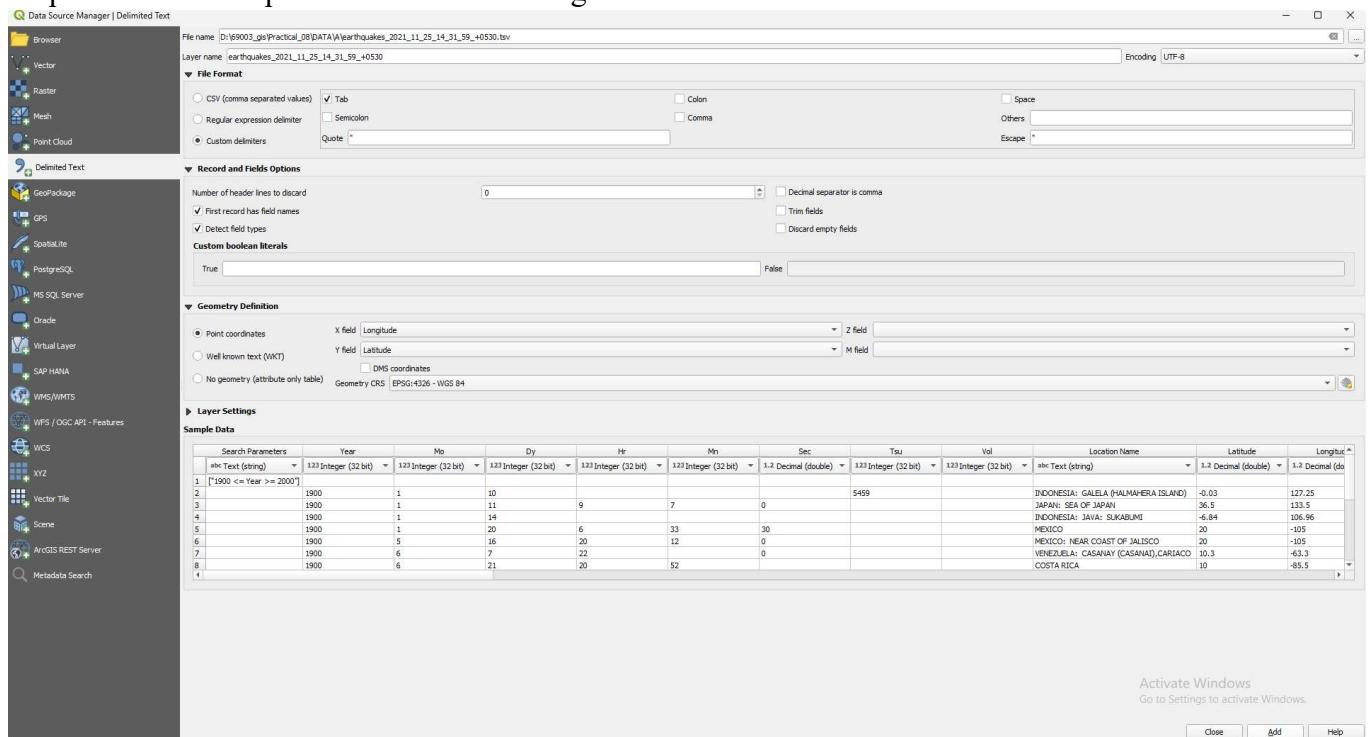
Step 2:The map will be displayed on the screen as shown in the image.



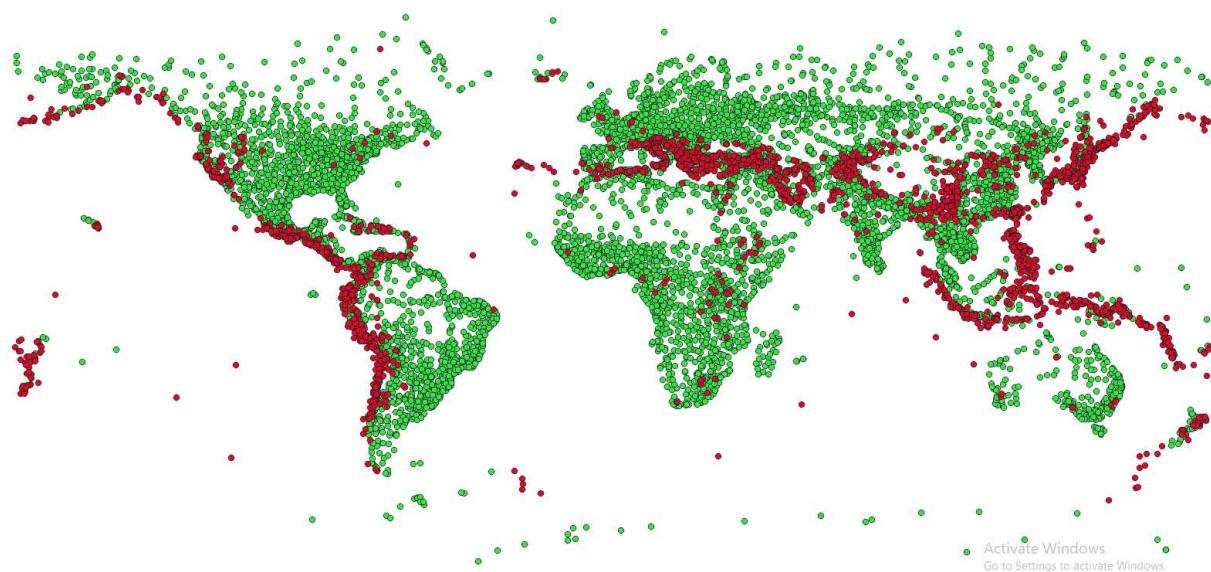
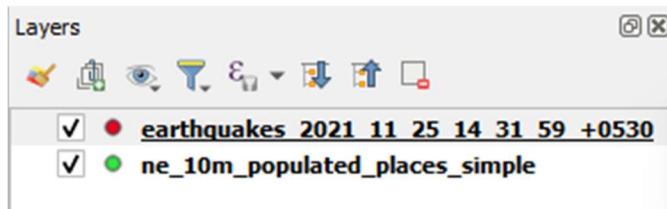
Step 3:- Go to “Layer”> Add Layers>Add Delimited text



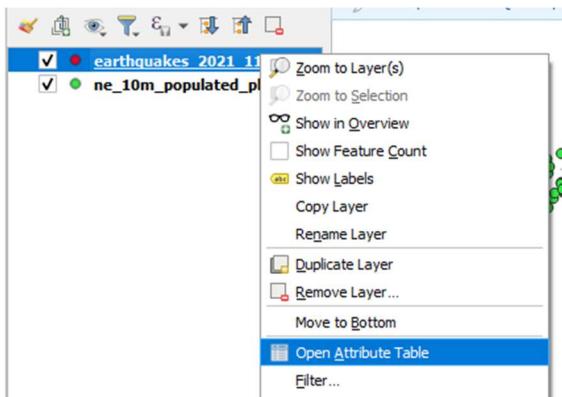
Step 4:- Select the options shown in the image > Click on Add and close .



Step 5: The map will be displayed on the screen as shown in the image.



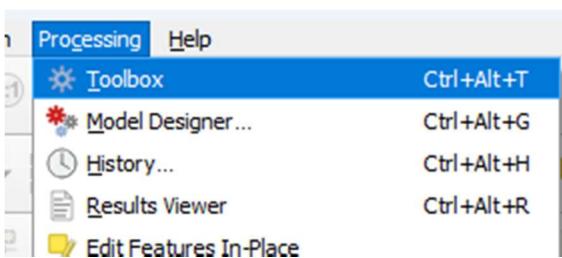
Step 6: Right click on the layers > Go to “open Attribute Table”.



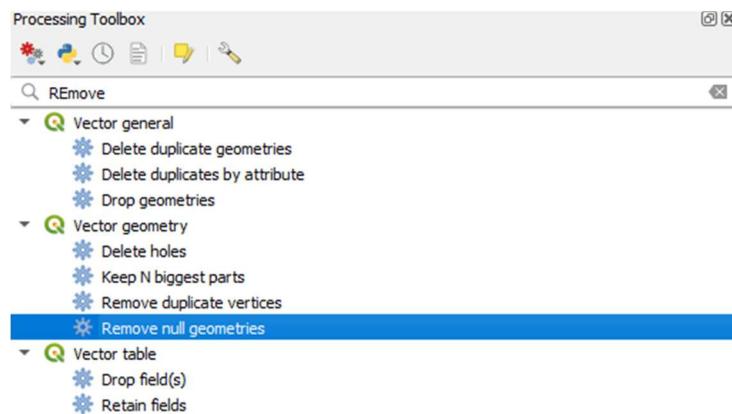
Step 7:- This Table will be pop up on the screen.

	Search Parameters	Year	Mo	Dy	Hr	Mn	Sec	Tsu	Vol	
1	["1900 <= Year >= 2000"]	NULL	N							
2	NULL	1900	1	10	NULL	NULL	NULL	5459	NULL	I
3	NULL	1900	1	11	9	7	0	NULL	NULL	J
4	NULL	1900	1	14	NULL	NULL	NULL	NULL	NULL	J
5	NULL	1900	1	20	6	33	30	NULL	NULL	M
6	NULL	1900	5	16	20	12	0	NULL	NULL	M
7	NULL	1900	6	7	22	NULL	0	NULL	NULL	V
8	NULL	1900	6	21	20	52	NULL	NULL	NULL	C
9	NULL	1900	7	12	6	25	0	NULL	NULL	T
10	NULL	1900	7	29	6	59	NULL	NULL	NULL	S
11	NULL	1900	8	11	4	40	0	2812	NULL	A
12	NULL	1900	9	10	21	30	NULL	1272	NULL	P
13	NULL	1900	9	17	21	45	NULL	1274	NULL	P
14	NULL	1900	9	18	NULL	NULL	NULL	NULL	NULL	C
15	NULL	1900	10	7	21	4	NULL	1275	NULL	IF
16	NULL	1900	10	9	12	25	NULL	NULL	NULL	A
17	NULL	1900	10	29	9	11	0	1276	NULL	V

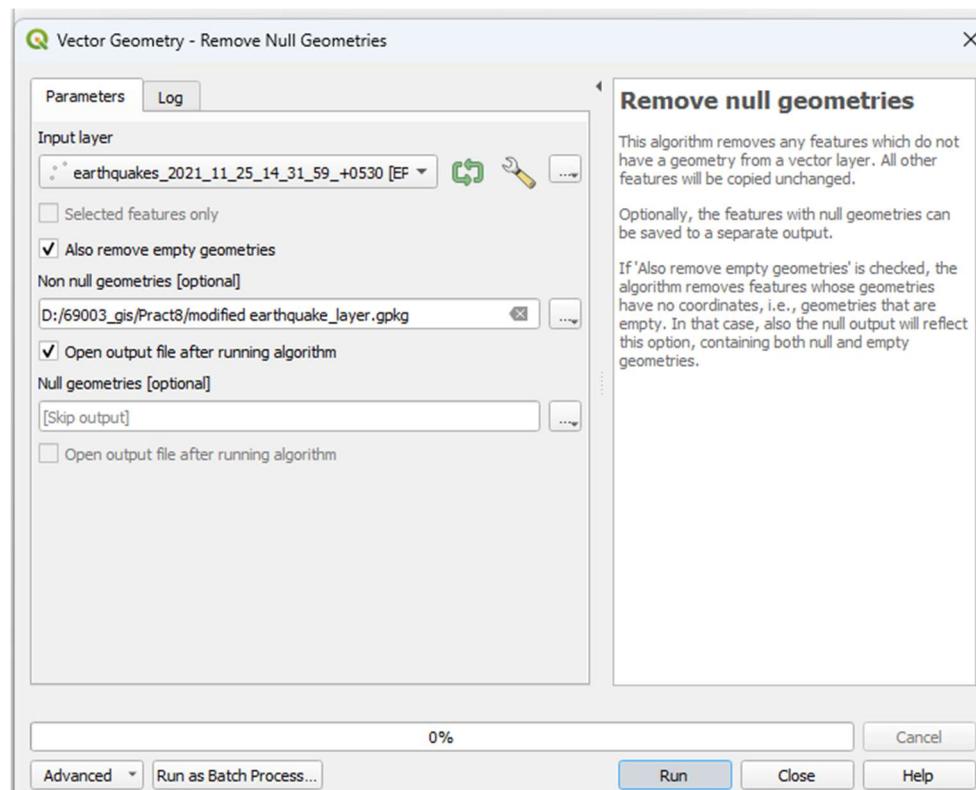
Step 8: Go to the “processing” section >Toolbox.



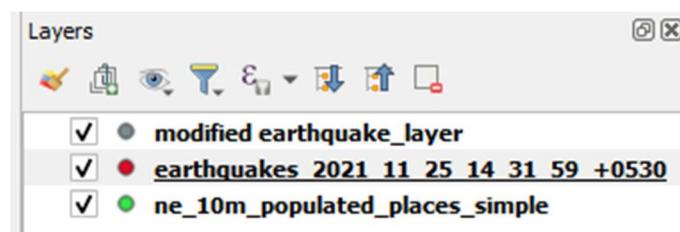
Step 9:-Select the option shown in the image > Double click on highlighted option.



Step 10:-This window will pop up on the screen. :- Select the options shown in the image > Click on Run and close

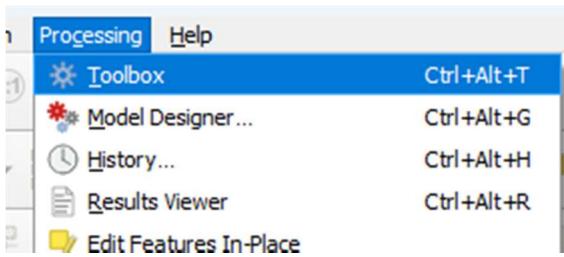


Step 11:- The map will be displayed on the screen as shown in the image

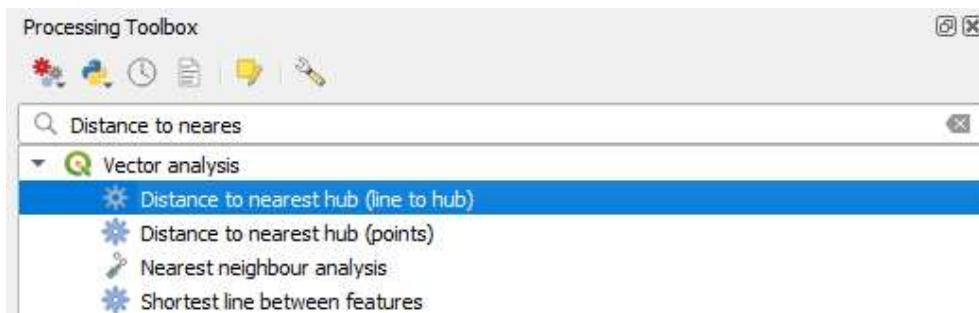




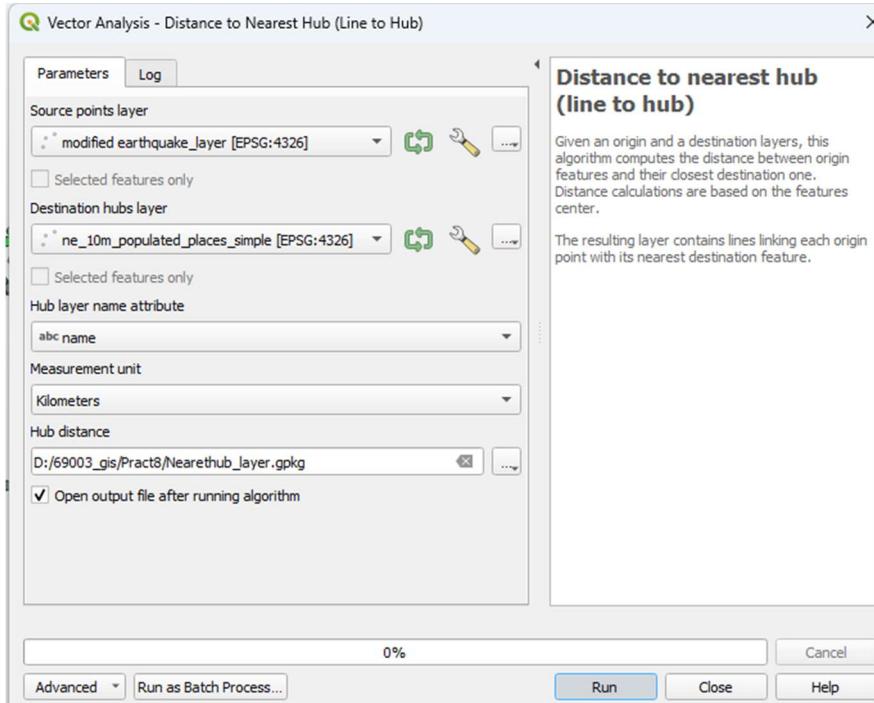
Step 12:- Go to the “processing” section >Toolbox.



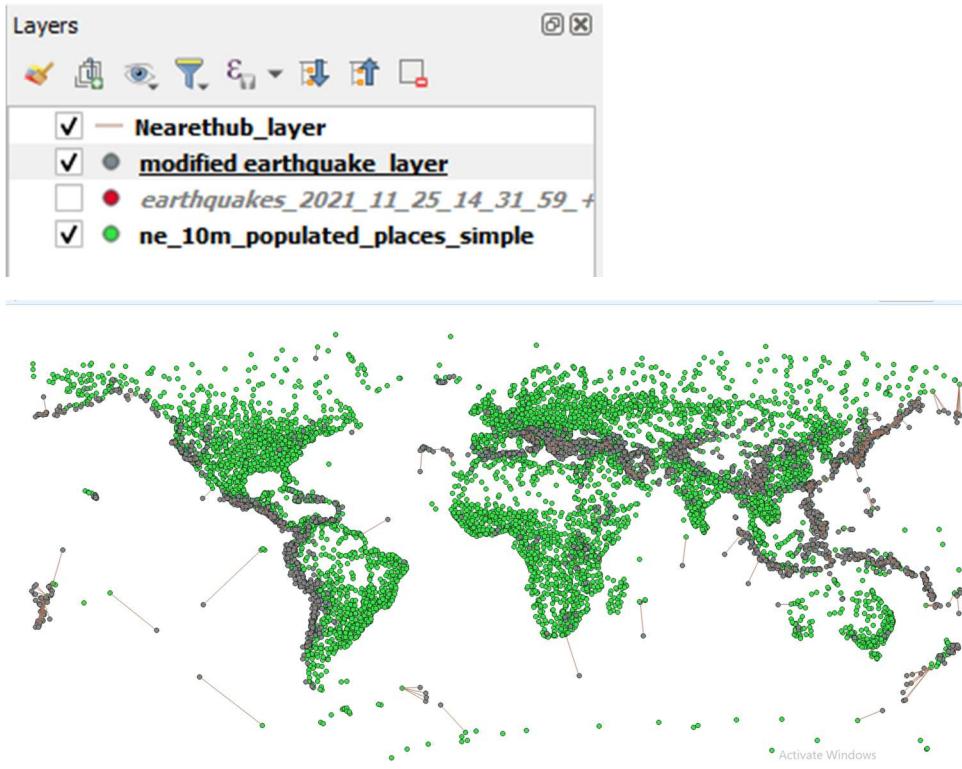
Step 13: Select the option shown in the image > Double click on highlighted option.



Step 14:- This window will pop up on the screen. :- Select the options shown in the image > Click on Run and close

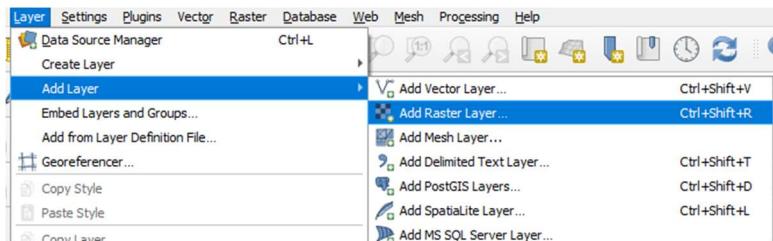


Step 15:- The map will be displayed on the screen as shown in the image

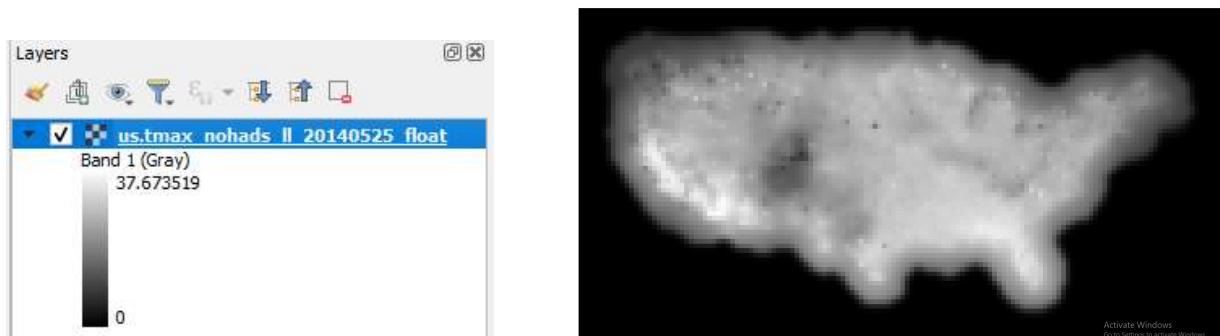


## Practical 8B

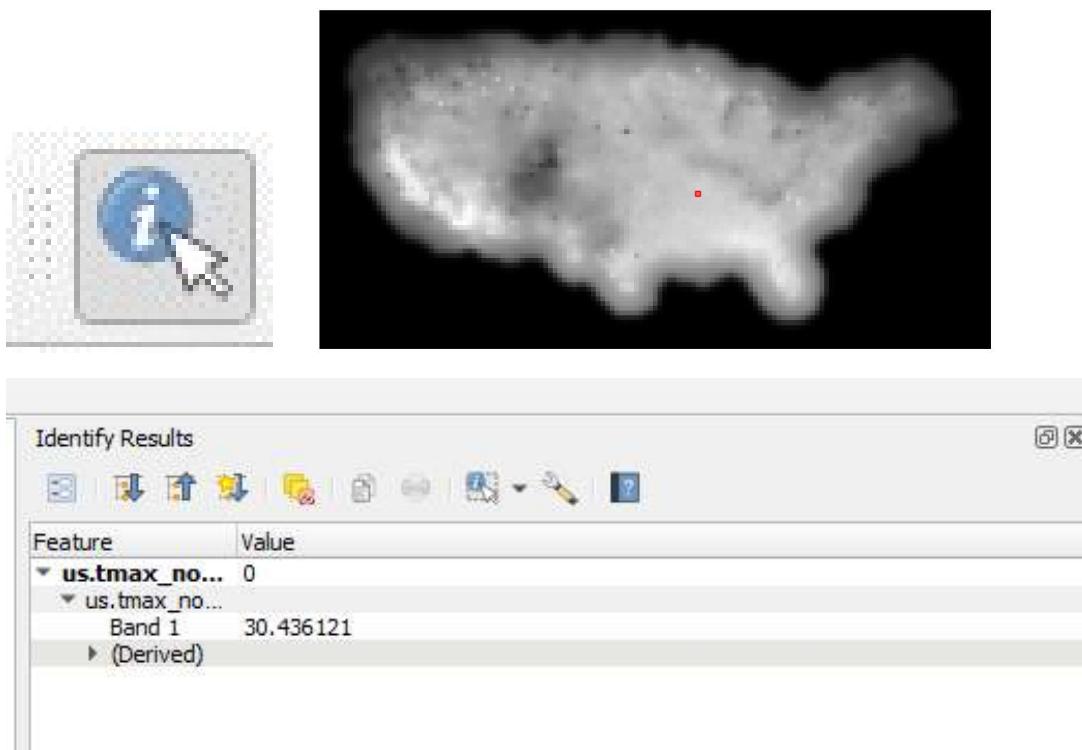
Step 1:- Go to “Layer”> Add Layers>Add Raster layer> select the appropriate file>Click on Add and close.



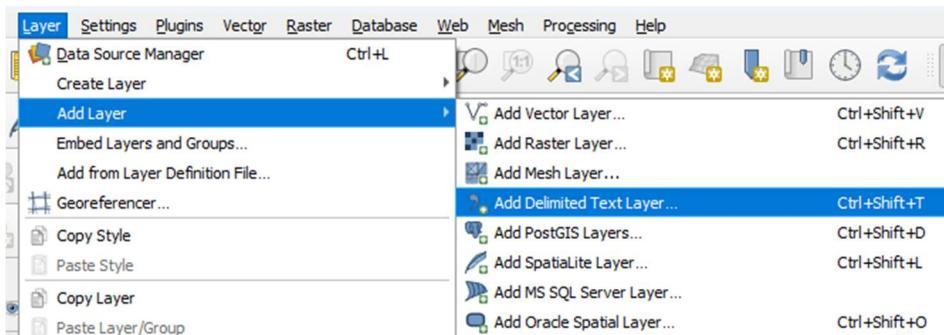
Step 2:- The map will be displayed on the screen as shown in the image



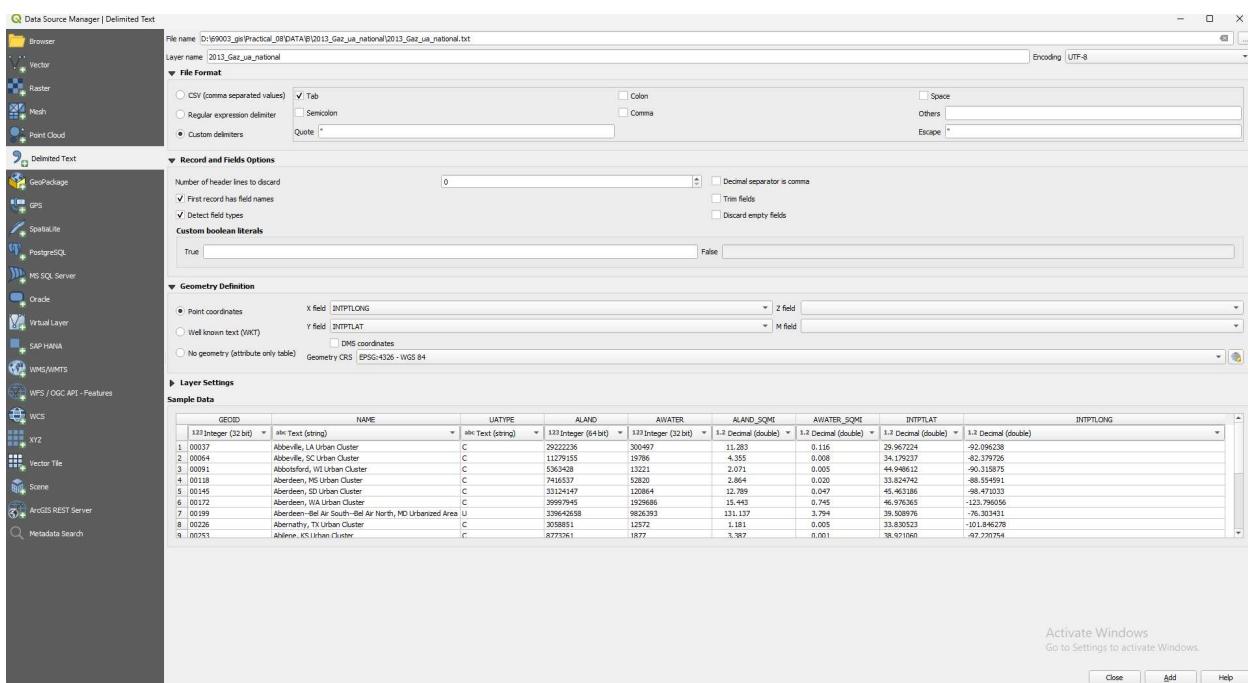
Step 3:- Click on the “**identified feature**” and click anywhere on the map .It will be display the “**Identify result**” on the screen.



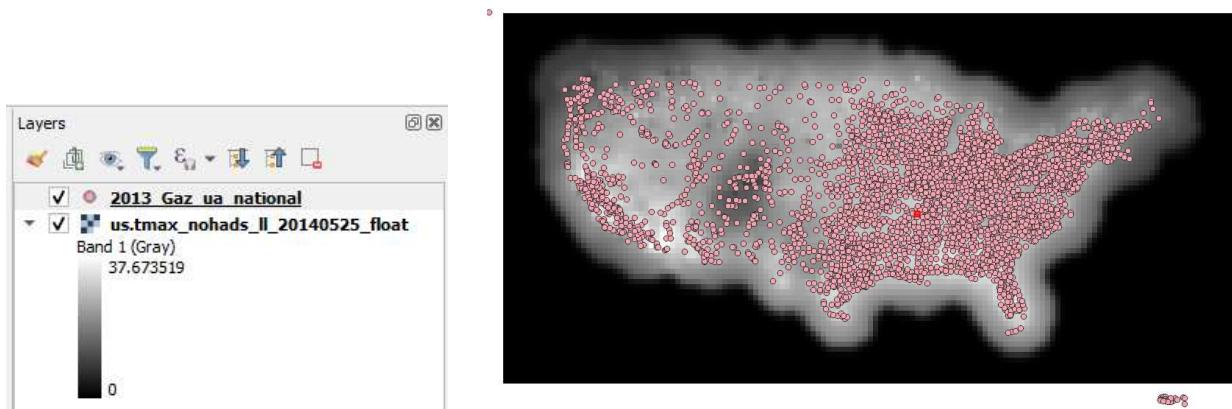
Step 4:- Go to “Layer”> Add Layers>Add Delimited text



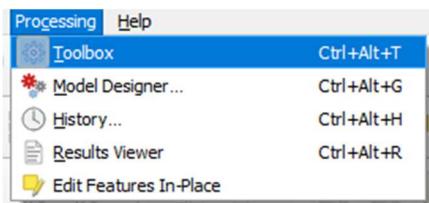
Step 5: Select the options shown in the image > Click on Add and close .



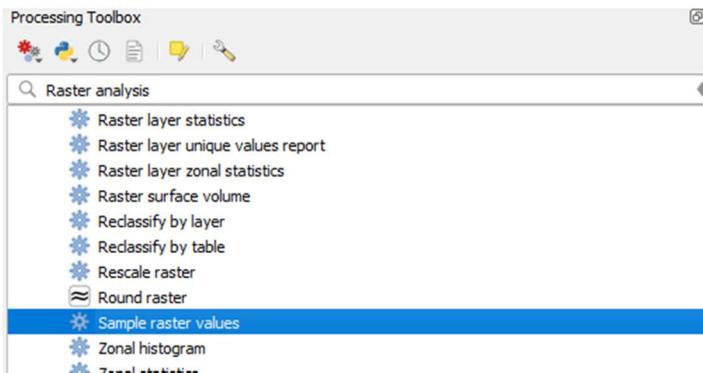
Step 6:- The map will be displayed on the screen as shown in the image



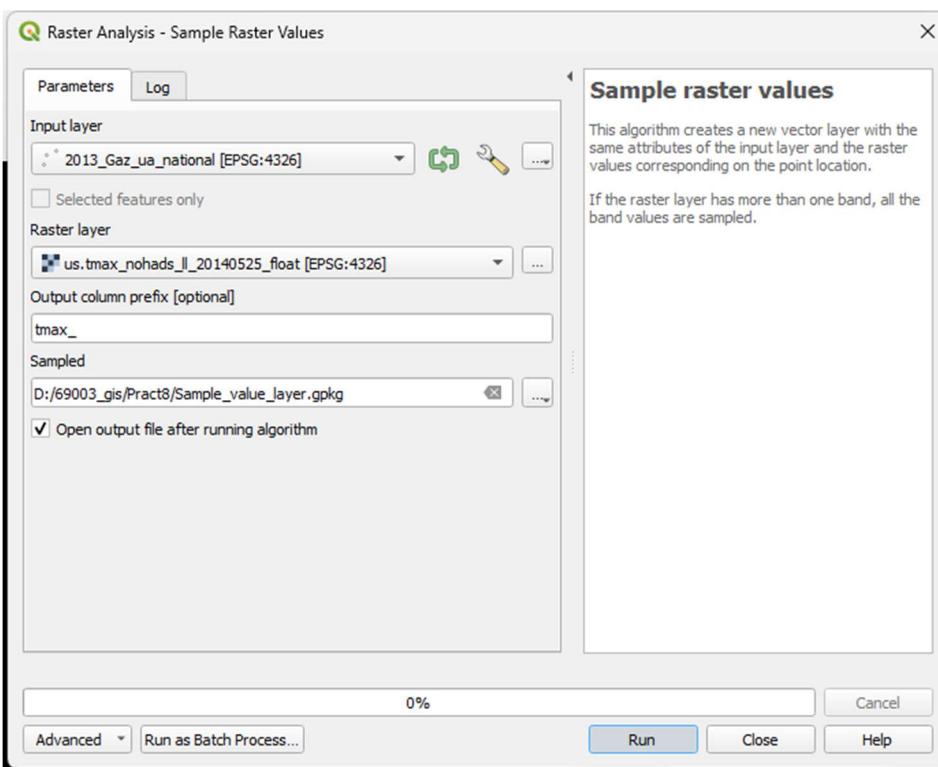
Step 7:- Go to the “processing” section >Toolbox.



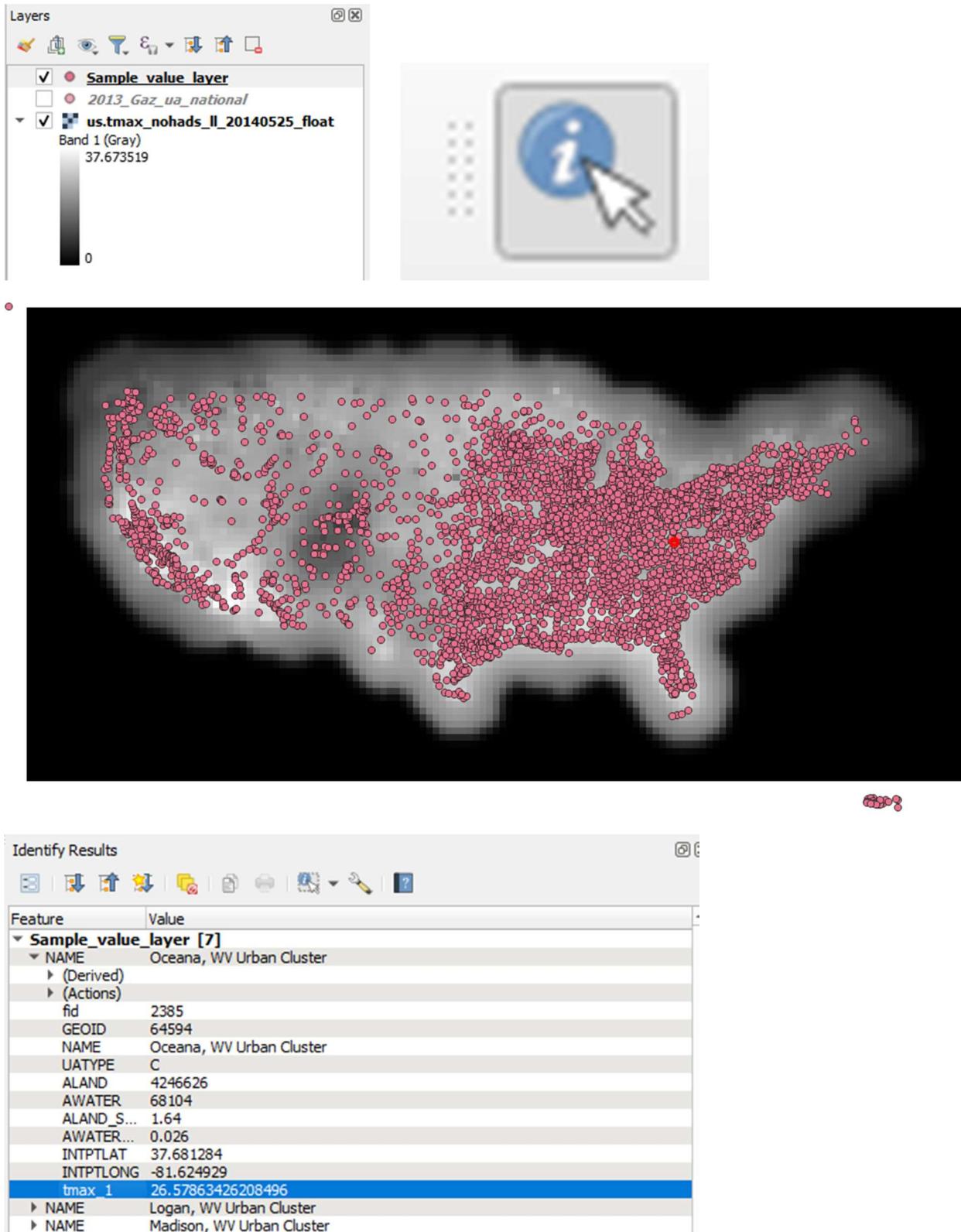
Step 8:- Select the option shown in the image > Double click on highlighted option.



Step 9:- This window will pop up on the screen. :- Select the options shown in the image > Click on Run and close

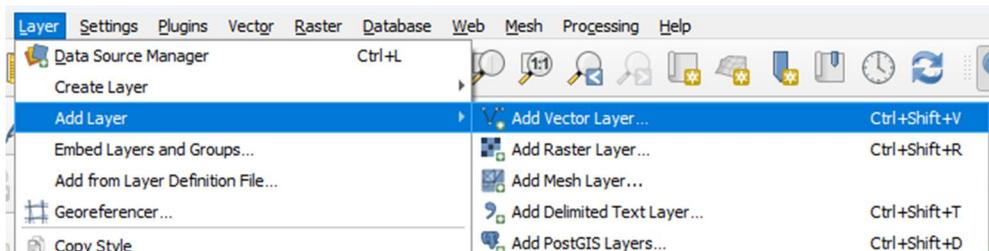


Step 10:- Click on the “**identified feature**” and click anywhere on the map .It will be display the “**Identify result**” on the screen.

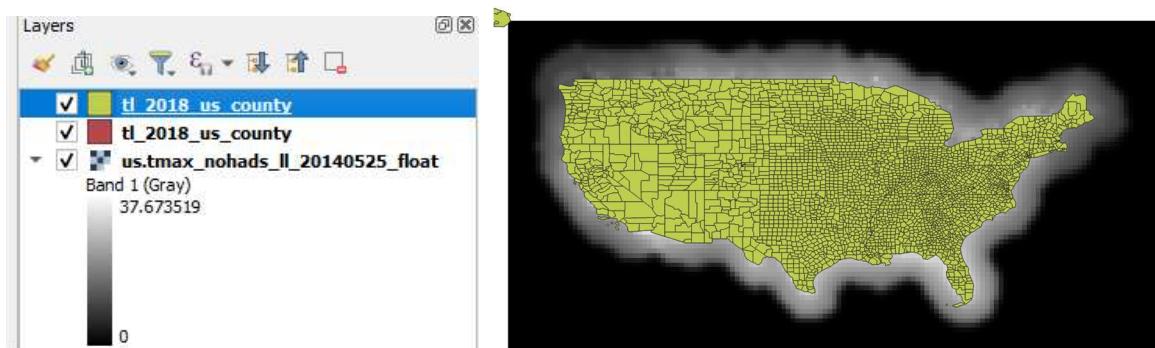


For Polygon layer

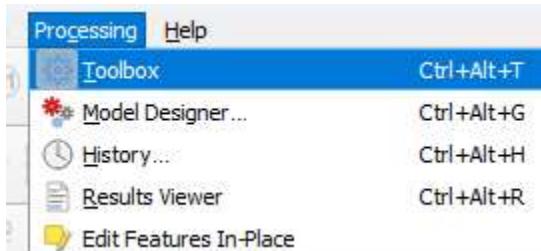
Step 12:- Go to “Layer”> Add Layers>Add vector layer> select the appropriate file>Click on Add and close.



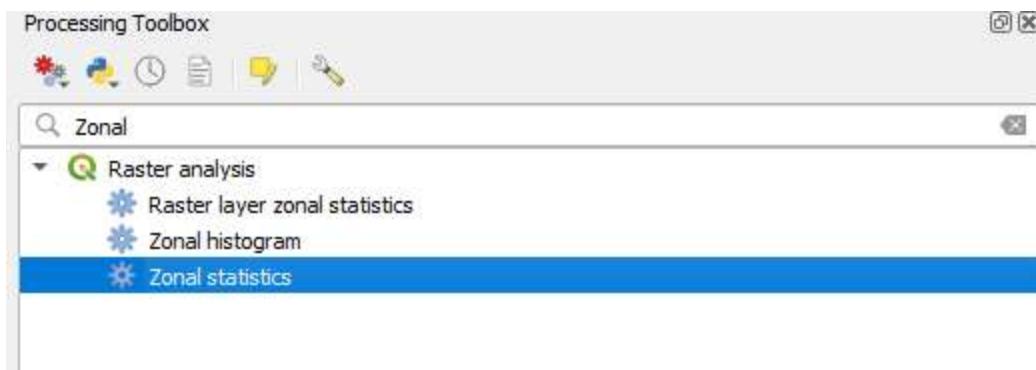
Step 13:-



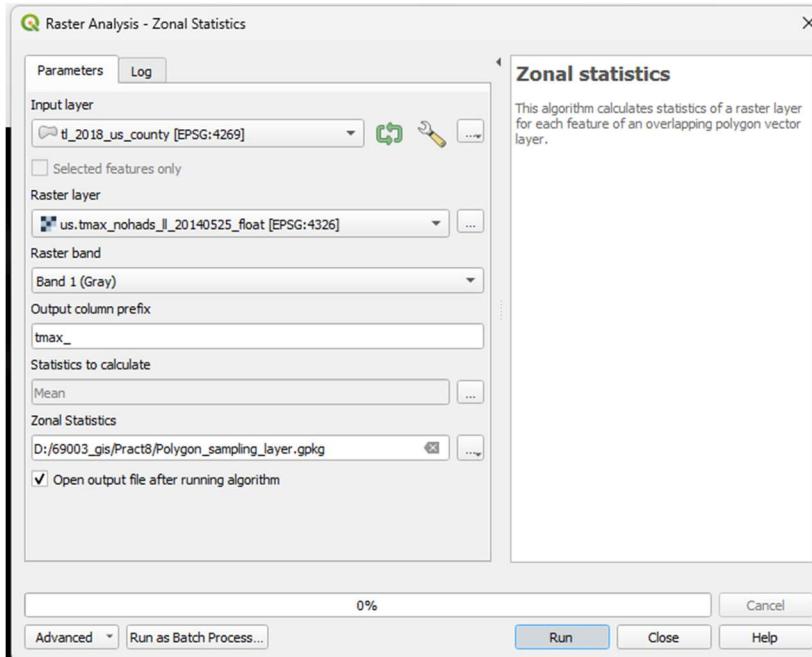
Step 14:- Go to the “processing” section >Toolbox.



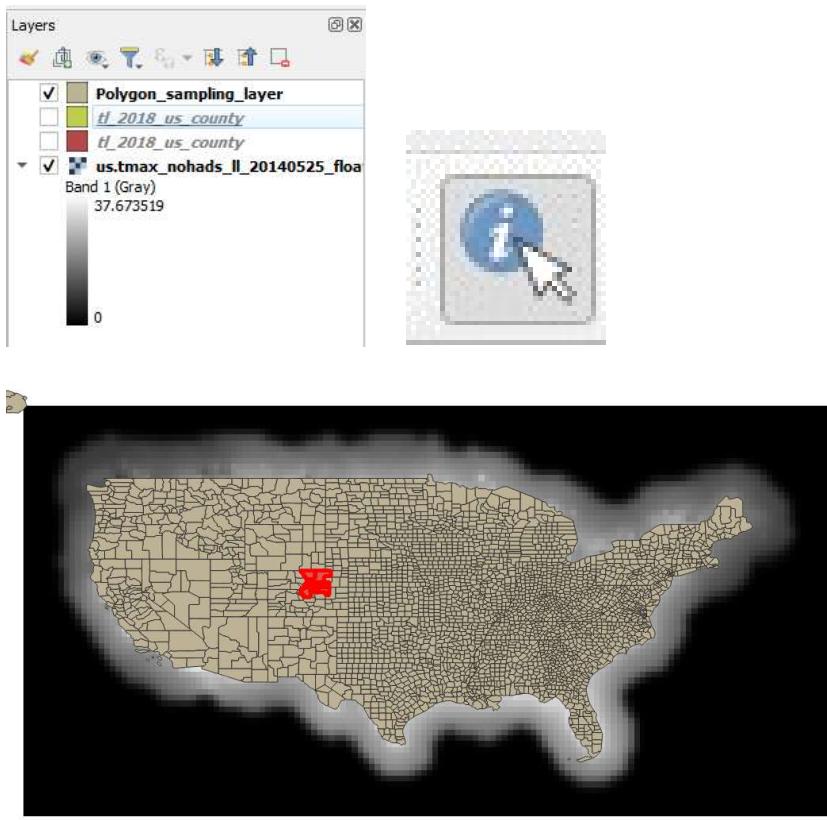
Step 15:- Select the option shown in the image > Double click on highlighted option.



Step16:- This window will pop up on the screen. :- Select the options shown in the image > Click on Run and close

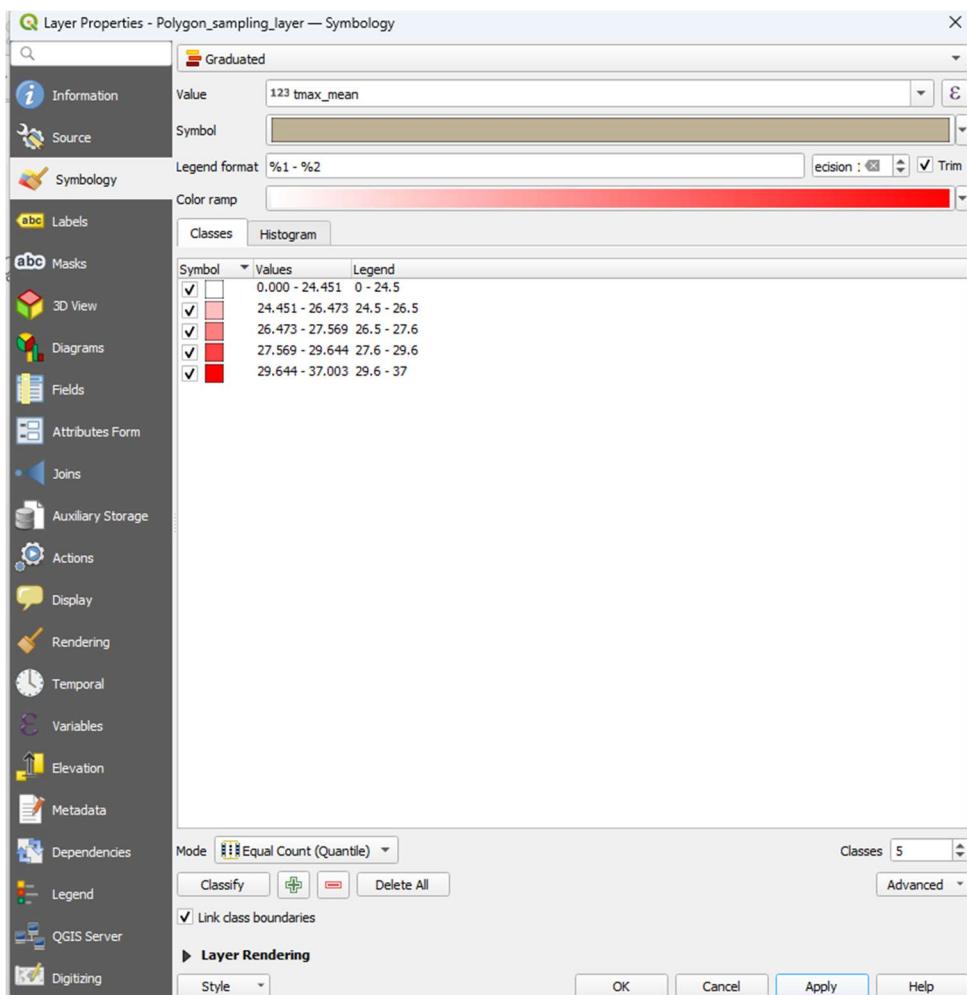


Step 17:- Click on the “**identified feature**” and click anywhere on the map .It will be display the “**Identify result**” on the screen.

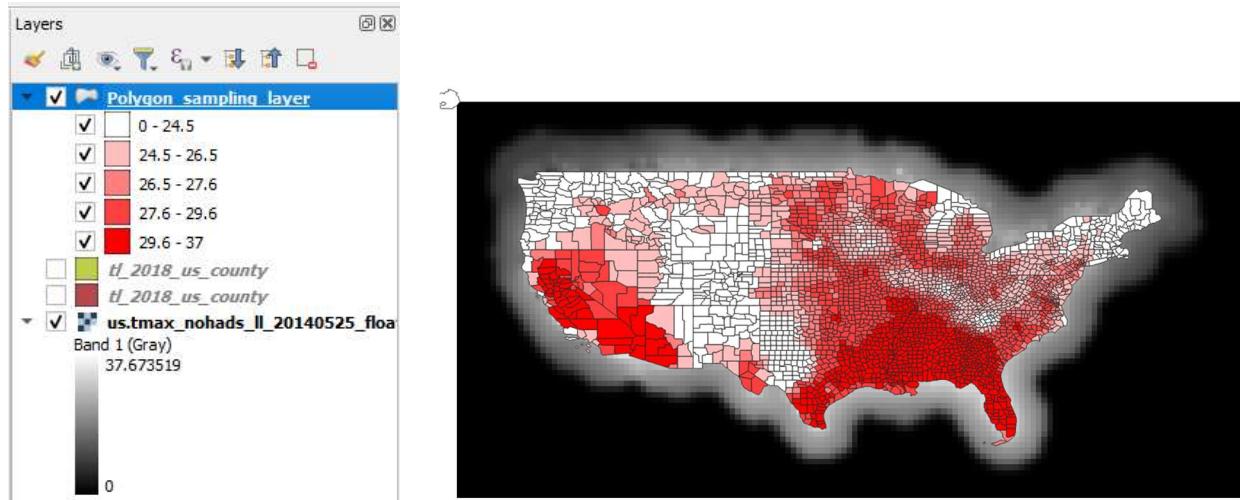


Identify Results	
Feature	Value
► <b>Polygon_sampling_layer [13]</b>	
► NAME	Broomfield
► (Derived)	
fid	694
STATEFP	08
COUNTYFP	014
COUNTYNS	01945881
GEOID	08014
NAME	Broomfield
NAMELSAD	Broomfield County
LSAD	06
CLASSFP	H6
MTFCC	G4020
CSAFP	216
CBSAFP	19740
METDIVFP	NULL
FUNCSTAT	C
ALAND	85478796
AWATER	1411395
INTPTLAT	+39.9535933
INTPTLON	-105.0507868
tmax_mean	20.062602996826172
► NAME	Boulder
► NAME	Weld
► NAME	Larimer

Step 18:-Go to the properties > Go to “**Symbology**”. Select the option shown in the image > click on apply and ok.

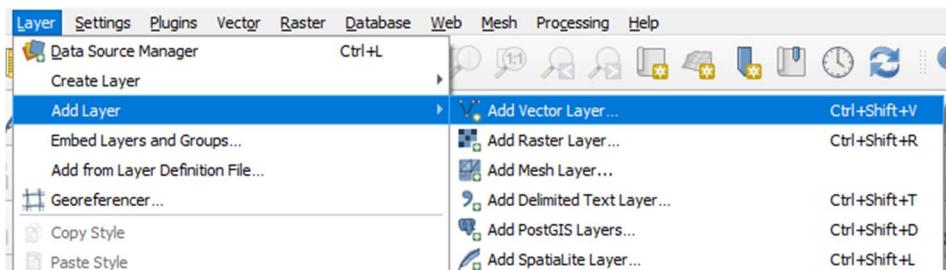


Step 19:- The map will be displayed on the screen as shown in the image.

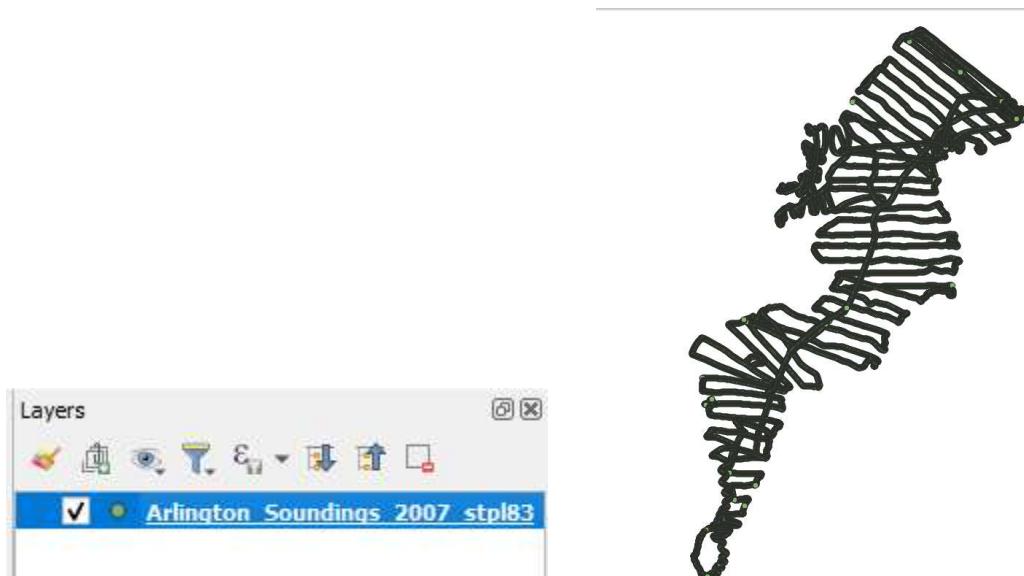


### Practical 8c

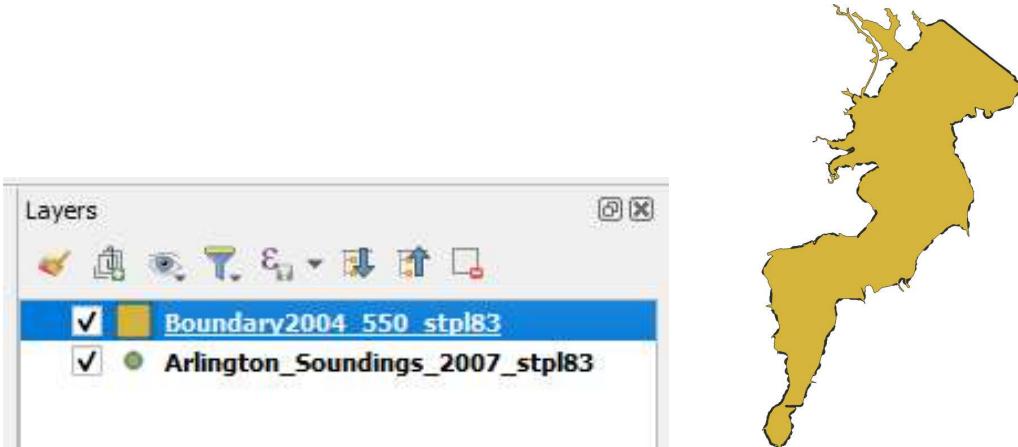
Step 1:- Go to “Layer”> Add Layers>Add vector layer> select the appropriate file>Click on Add and close.



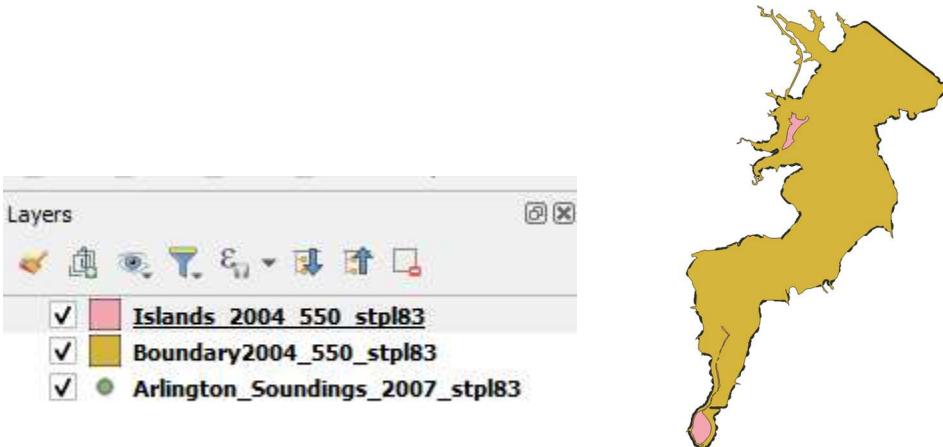
Step 2:- The map will be displayed on the screen as shown in the image.



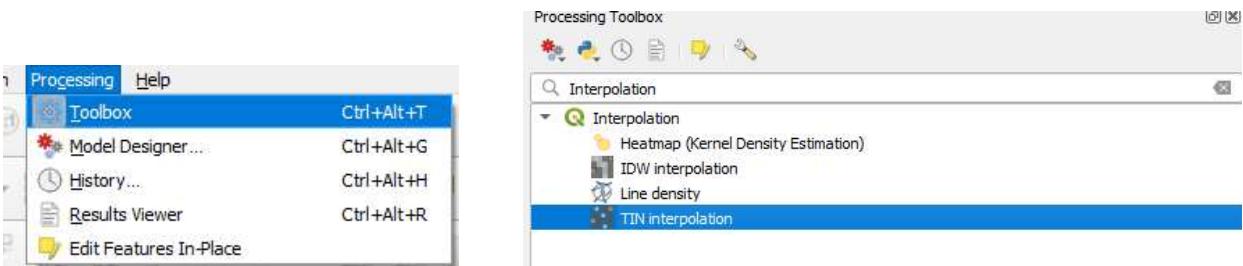
Step 3:-Repeat Step 1 for Step 3



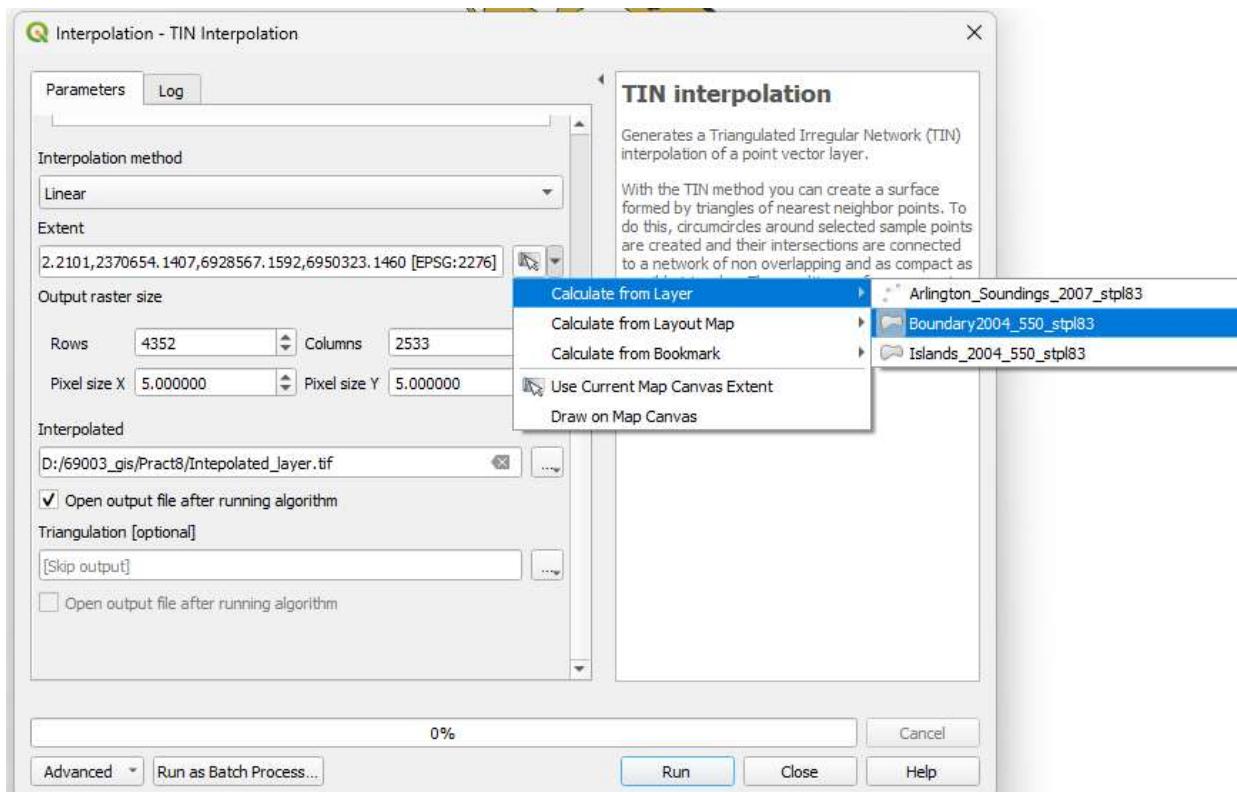
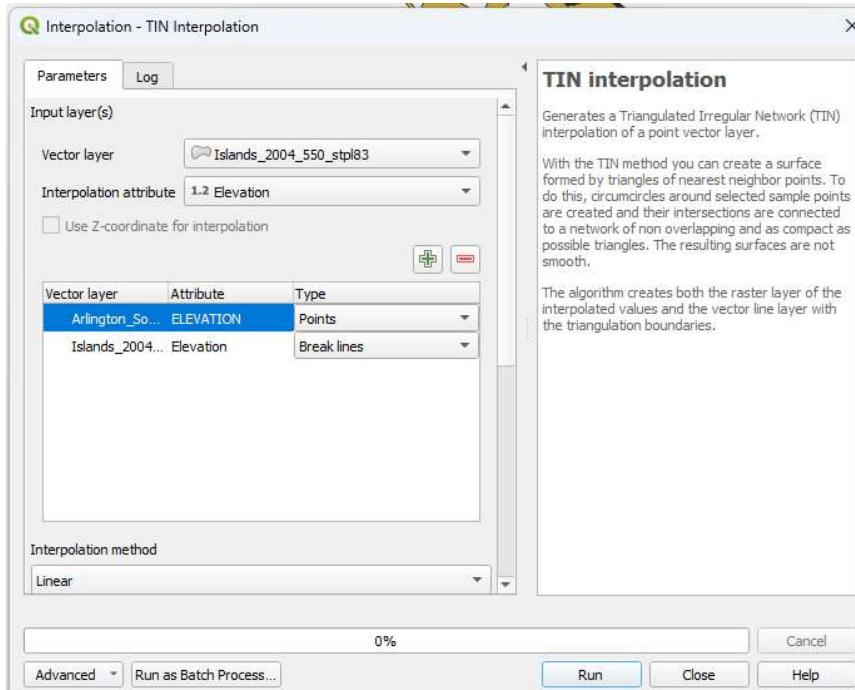
Step4:- Repeat Step 1 for Step 4



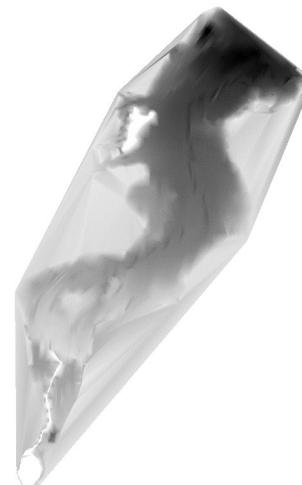
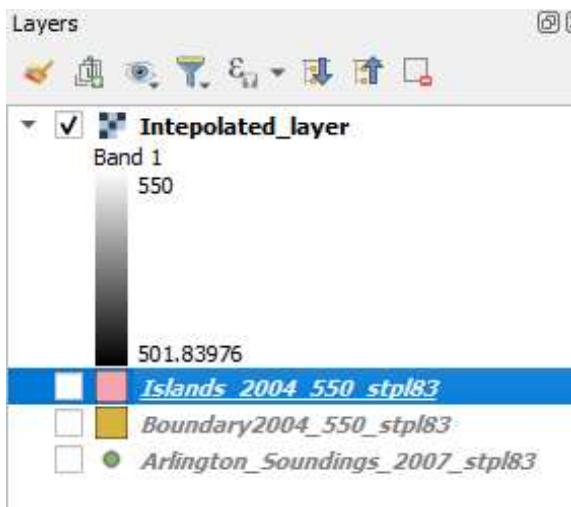
Step 5:- :- Go to the “processing” section >Toolbox. Select the option shown in the image > Double click on highlighted option.



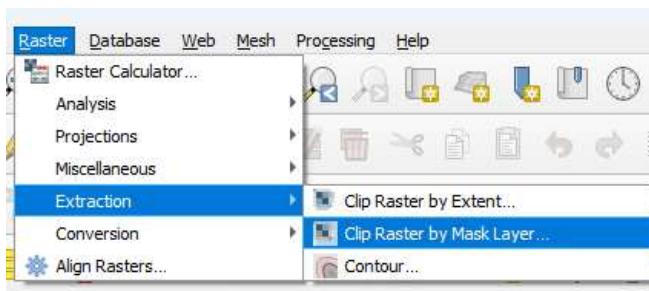
Step 6:- This window will pop up on the screen. :- Select the options shown in the image > Click on Run and close



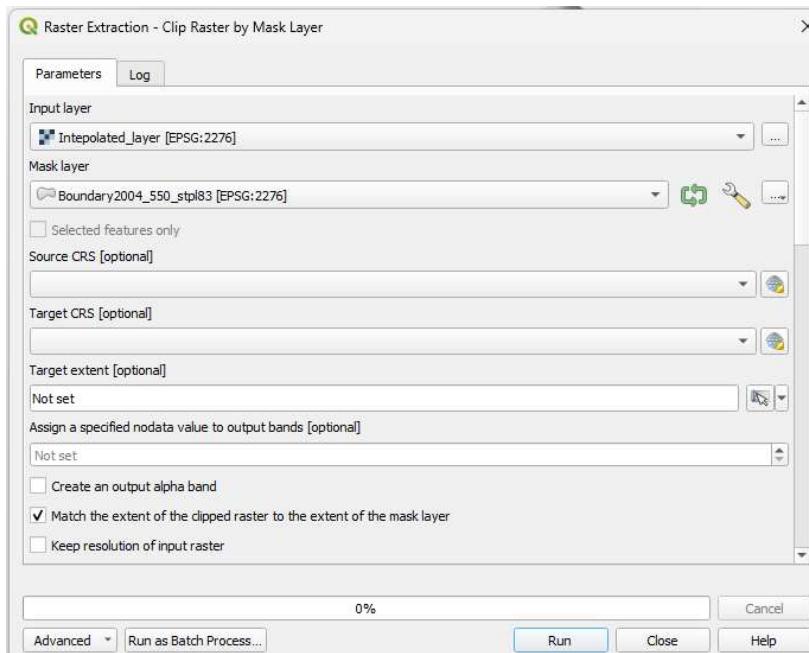
Step 7:

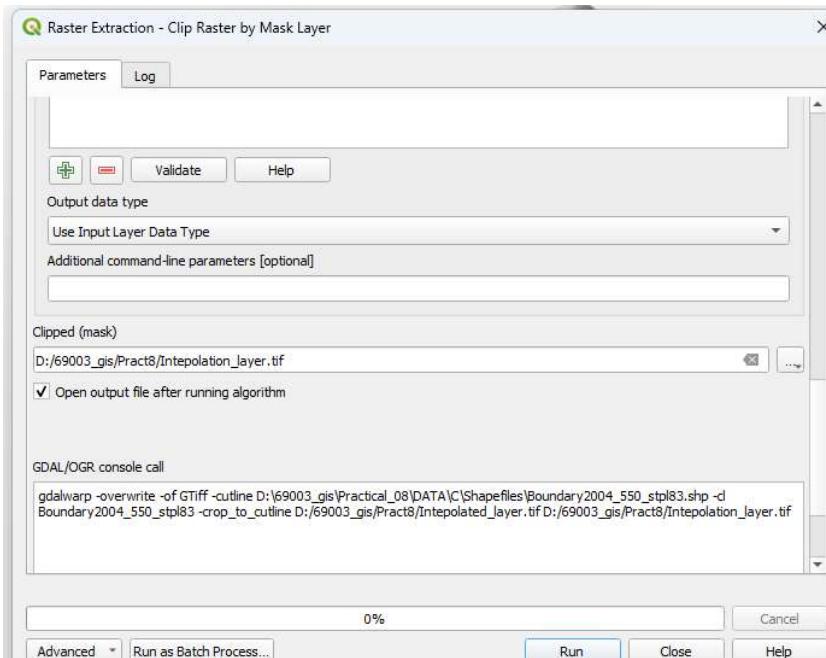
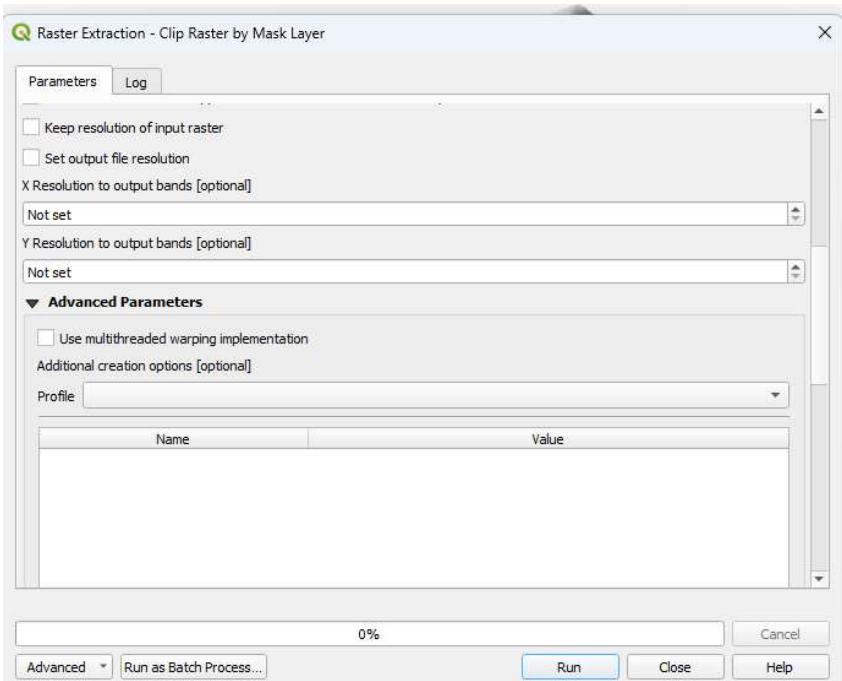


Step 8:-Go to “Raster” sector > Click on “Extraction” >Click on “Clip Raster by mask layer”.

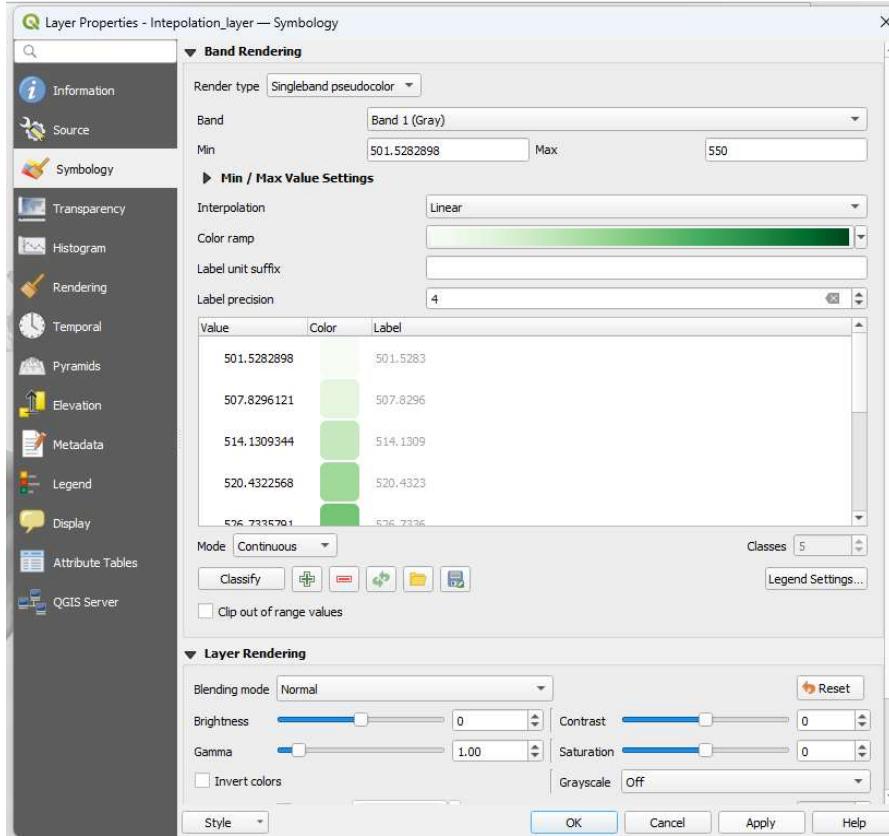


Step 9:- This window will pop up on the screen. :- Select the options shown in the image > Click on Run and close

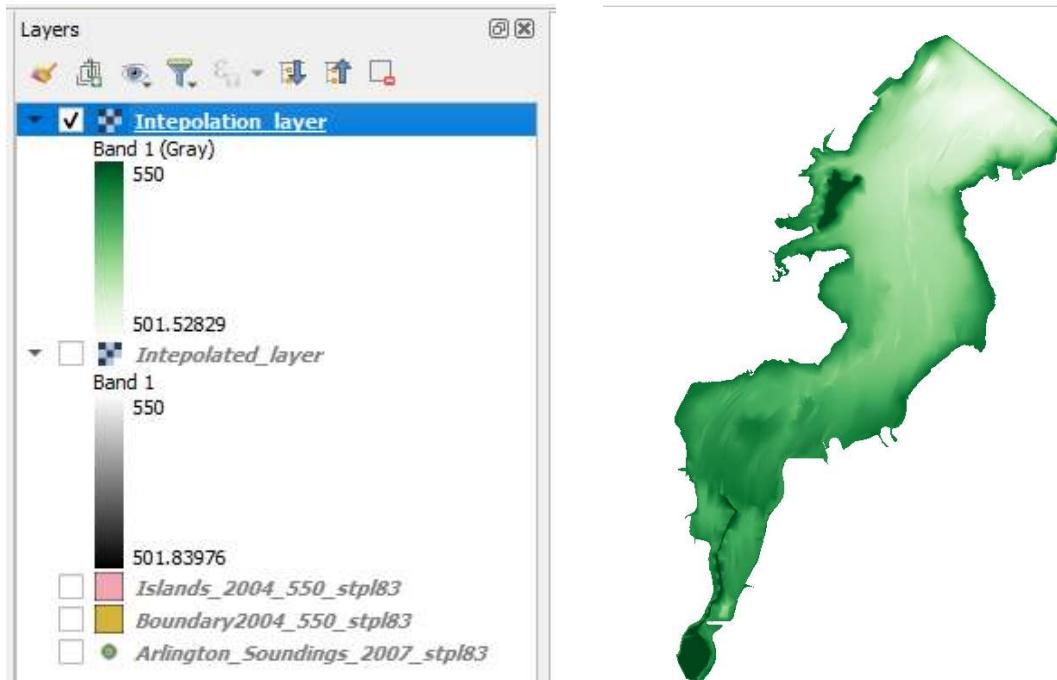




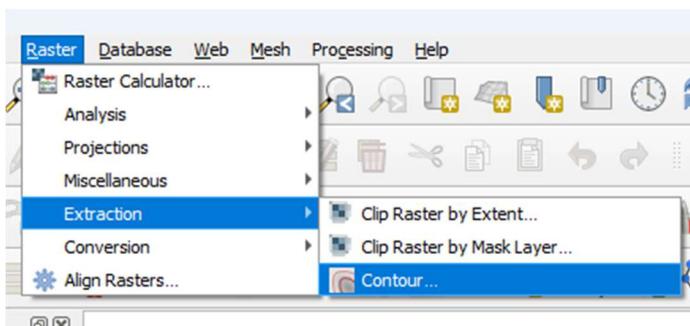
Step10:- Go to the properties >Go to “**Symbology**”. Select the option shown in the image > click on apply and ok.



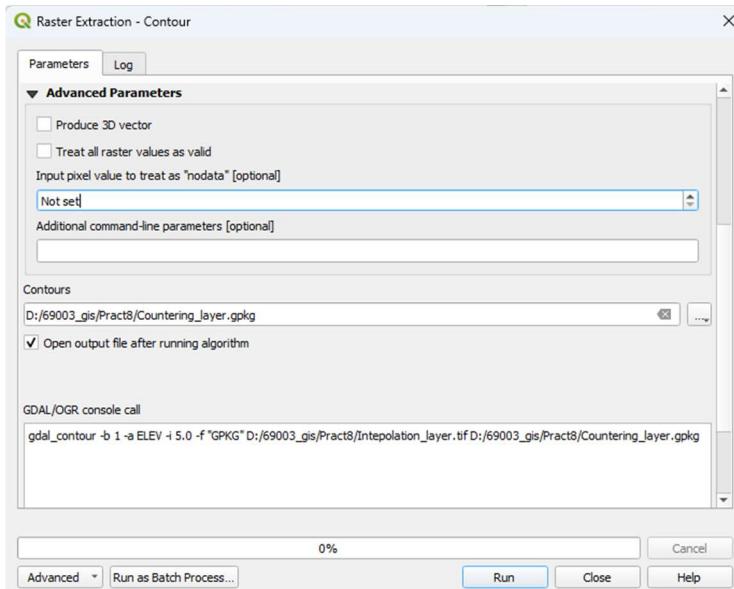
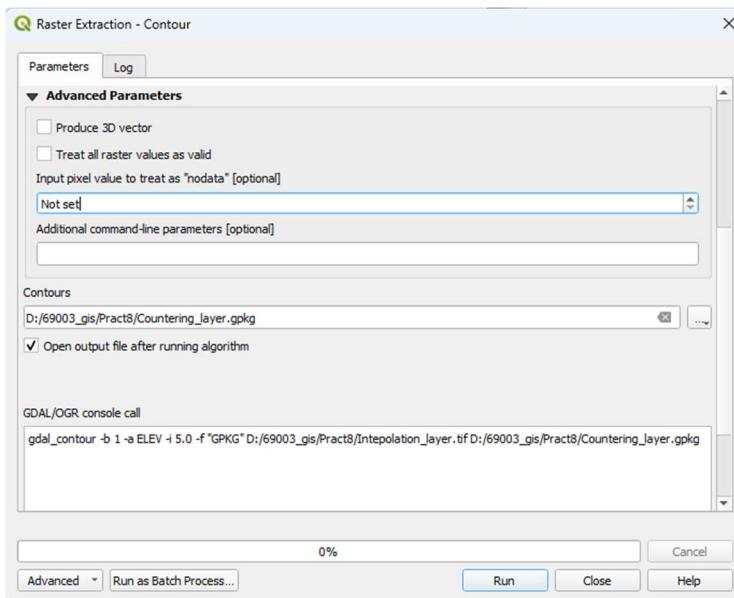
Step 11:- The map will be displayed on the screen as shown in the image



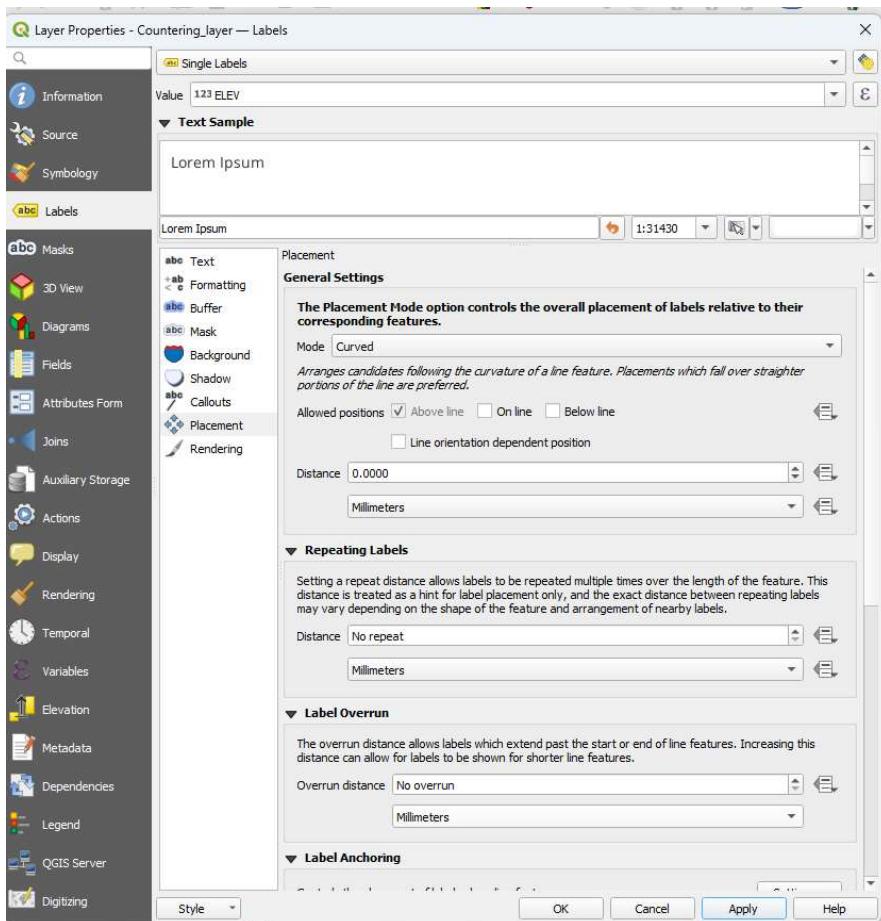
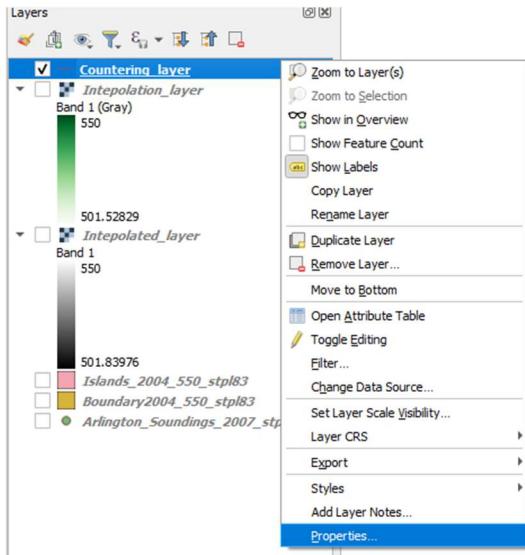
Step 12:-Go to “Raster” section >Click on” Extraction” > Click on “Contour”.



Step 13:- This window will pop up on the screen. :- Select the options shown in the image > Click on Run and close



Step 14:-Go to “Properties” >Go to Labels. Select the options shown in the image > Click on Apply and ok .



Step 15: The map will be displayed on the screen as shown in the image

