Zad1

Statistics by category — Features Total: 3, Filtered: 3, Selected: 0

Expression

- [ ] Deciduous
- [ ] Evergreen
- [ ] Mixed Trees

vegdesc	Mixed Trees
count	164
unique	164
min	100.455
max	40966.017
range	40865.562
sum	189273.32699999996
mean	1154.1056524390242
median	223.909
stddev	4060.736384265048
minority	100.455
majority	100.455
q1	134.1355
q3	461.9435
iqr	327.808

3 / 3

Show All Features

Zad2

Name	Date modified	Type	Size
qgis_sample_data	02/05/2014 16:28	File folder	
qgis_sample_data.zip	08/11/2022 14:10	Archiwum WinRA...	21,607 KB
vegdesc_Deciduous.csv	08/11/2022 15:26	Microsoft Excel C...	6 KB
vegdesc_Evergreen.csv	08/11/2022 15:26	Microsoft Excel C...	7 KB
vegdesc_Mixed Trees.csv	08/11/2022 15:26	Microsoft Excel C...	8 KB

Zad3

Basic Statistics for Fields

Parameters | Log

```
Algorithm 'Basic statistics for fields' starting...
Input parameters:
{ 'FIELD_NAME' : 'length', 'INPUT_LAYER' : 'memory://MultiLineString?crs=EPSG:
5936&field=gid:integer(-1,0)&field=cat:double(-1,0)&field=exsdesc:string(80,0)&field=f_code
:string(80,0)&field=f_codedesc:string(80,0)&field=fcodesc:string(80,0)&uid={413d1a2a-38c0-4
2e6-bfde-45fdfd9e54ea}', 'OUTPUT_HTML_FILE' : 'TEMPORARY_OUTPUT' }

Execution completed in 0.08 seconds
Results:
{'COUNT': 22,
'CV': 0.9597523292561378,
'EMPTY': 0,
'FILLED': 22,
'FIRSTQUARTILE': 13104.576,
'IQR': 37612.195999999996,
'MAJORITY': 3210.587,
'MAX': 148549.052,
'MEAN': 38364.83236363636,
'MEDIAN': 25390.8205,
'MIN': 3210.587,
'MINORITY': 3210.587,
'OUTPUT_HTML_FILE': 'C:/Users/admin/AppData/Local/Temp/processing_ydfOev/
5b3c60befeb74b84908c17bde4665104/OUTPUT_HTML_FILE.html',
'RANGE': 145338.465,
'STD_DEV': 36820.73722252125,
'SUM': 844026.3119999999,
'THIRDQUARTILE': 50716.772,
'UNIQUE': 22}

Loading resulting layers
Algorithm 'Basic statistics for fields' finished
HTML output has been generated by this algorithm.
Open the results dialog to check it.
```

Basic statistics for fields

This algorithm generates basic statistics from the analysis of a values in a field in the attribute table of a vector layer. Numeric, date, time and string fields are supported.

The statistics returned will depend on the field type.

Statistics are generated as an HTML file.

0%

Run as Batch Process... | Change Parameters | Close | Help | Cancel

Zad4

Q Basic Statistics for Fields   ✕

| Parameters | Log |

Results:
{'COUNT': 8,
'CV': 0.7598881708757379,
'EMPTY': 0,
'FILLED': 8,
'FIRSTQUARTILE': 268.5,
'IQR': 618.0,
'MAJORITY': 66.0,
'MAX': 1461.0,
'MEAN': 593.25,
'MEDIAN': 454.5,
'MIN': 66.0,
'MINORITY': 66.0,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
1525e22261244ab385c5528ba89ed5c7/
OUTPUT_HTML_FILE.html',
'RANGE': 1395.0,
'STD_DEV': 450.8036573720315,
'SUM': 4746.0,
'THIRDQUARTILE': 886.5,
'UNIQUE': 8}

Basic statistics for fields

This algorithm generates basic statistics from the analysis of a values in a field in the attribute table of a vector layer. Numeric, date, time and string fields are supported.

The statistics returned will depend on the field type.

Statistics are generated as an HTML file.

0%   Cancel

| Advanced ▾ | Run as Batch Process... | | Change Parameters | Close | Help |

Zad5

Zad6

Nadal 5

Zad7

Basic Statistics for Fields ✕

Parameters | **Log**

Results:
```
{'COUNT': 5,
'CV': 0.6776132837019649,
'EMPTY': 0,
'FILLED': 5,
'FIRSTQUARTILE': 3301.978,
'IQR': 8854.312000000002,
'MAJORITY': 2722.24,
'MAX': 14183.395,
'MEAN': 7233.250999999999,
'MEDIAN': 3802.352,
'MIN': 2722.24,
'MINORITY': 2722.24,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
e194f382fec8438380b6a0f35a990dc7/
OUTPUT_HTML_FILE.html',
'RANGE': 11461.155,
'STD_DEV': 4901.346961950521,
'SUM': 36166.255,
'THIRDQUARTILE': 12156.29,
'UNIQUE': 5}
```

Basic statistics for fields

This algorithm generates basic statistics from the analysis of a values in a field in the attribute table of a vector layer. Numeric, date, time and string fields are supported.
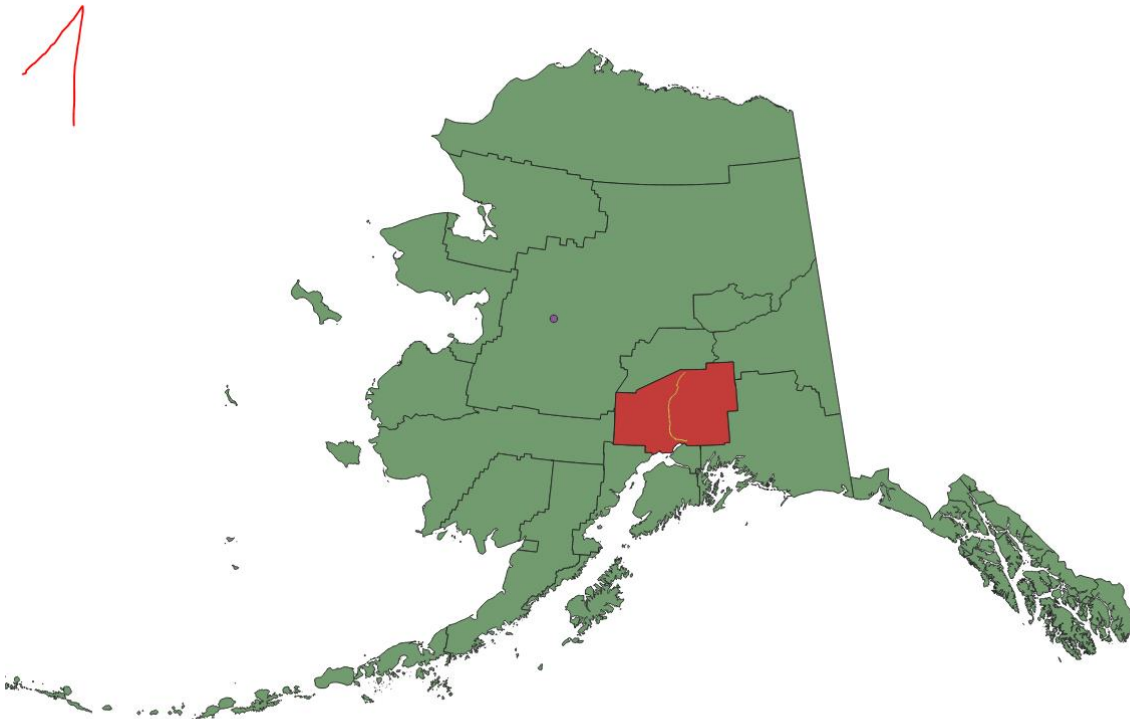
The statistics returned will depend on the field type.

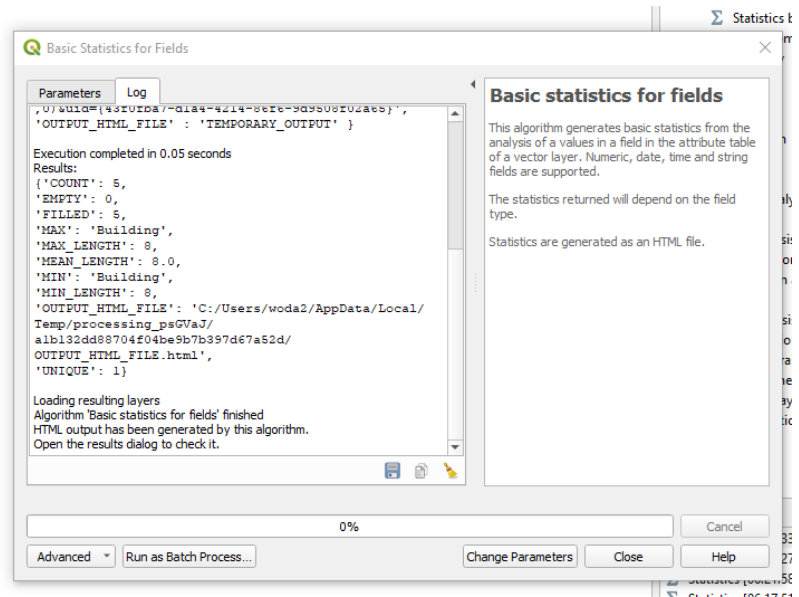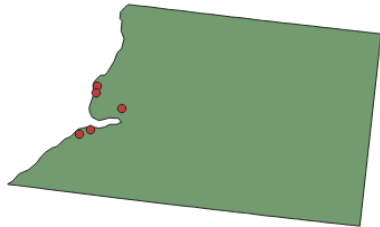Statistics are generated as an HTML file.

0%   Cancel

Advanced ▾   Run as Batch Process...   Change Parameters   Close   Help

Zad8

Basic Statistics for Fields ✕

Parameters | **Log**

Results:
```
{'COUNT': 84,
'CV': 0.570517480957798,
'EMPTY': 0,
'FILLED': 84,
'FIRSTQUARTILE': 21.5,
'IQR': 42.0,
'MAJORITY': 1.0,
'MAX': 84.0,
'MEAN': 42.5,
'MEDIAN': 42.5,
'MIN': 1.0,
'MINORITY': 1.0,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
4e0f946ce1904dd397f8229625d3ecd3/
OUTPUT_HTML_FILE.html',
'RANGE': 83.0,
'STD_DEV': 24.246992940706413,
'SUM': 3570.0,
'THIRDQUARTILE': 63.5,
'UNIQUE': 84}
```

Basic statistics for fields

This algorithm generates basic statistics from the analysis of a values in a field in the attribute table of a vector layer. Numeric, date, time and string fields are supported.

The statistics returned will depend on the field type.

Statistics are generated as an HTML file.

0%   Cancel

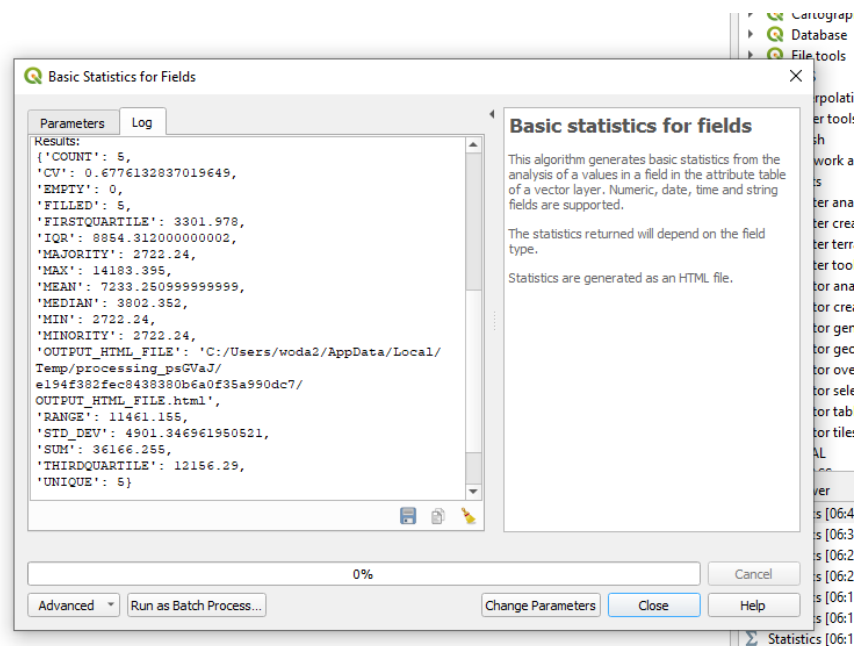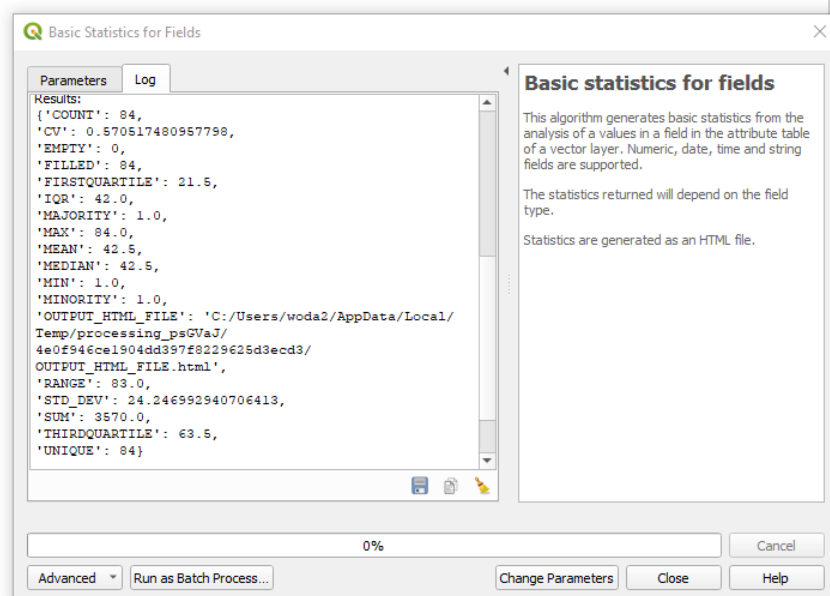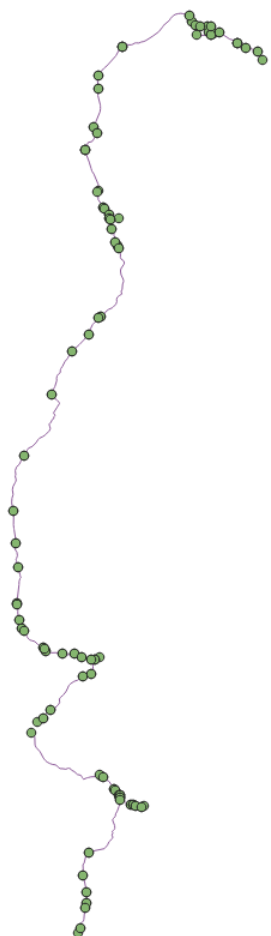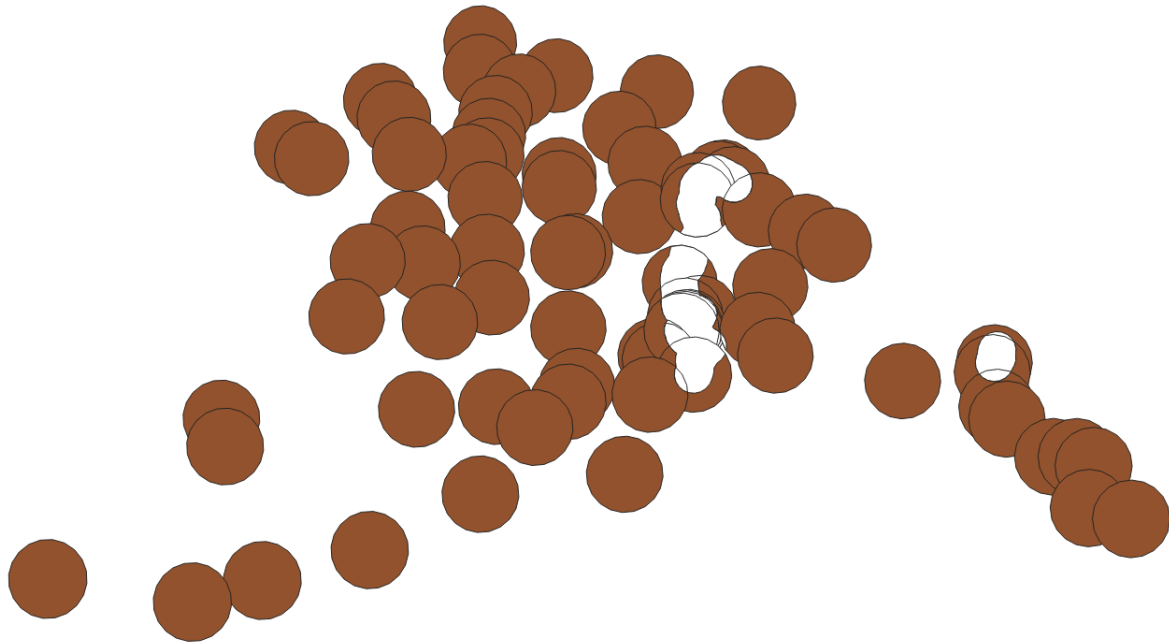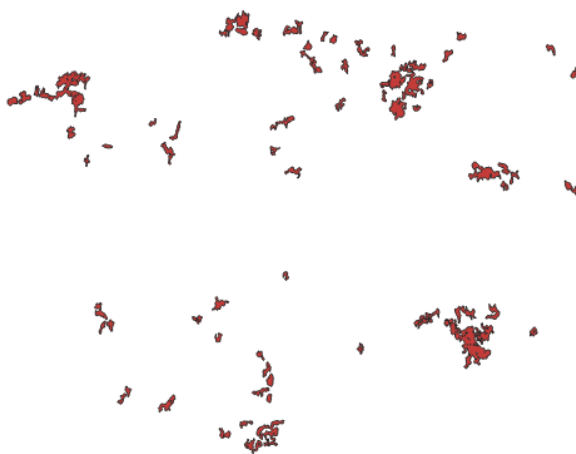Advanced ▾   Run as Batch Process...   Change Parameters   Close   Help

Zad9

Zad10
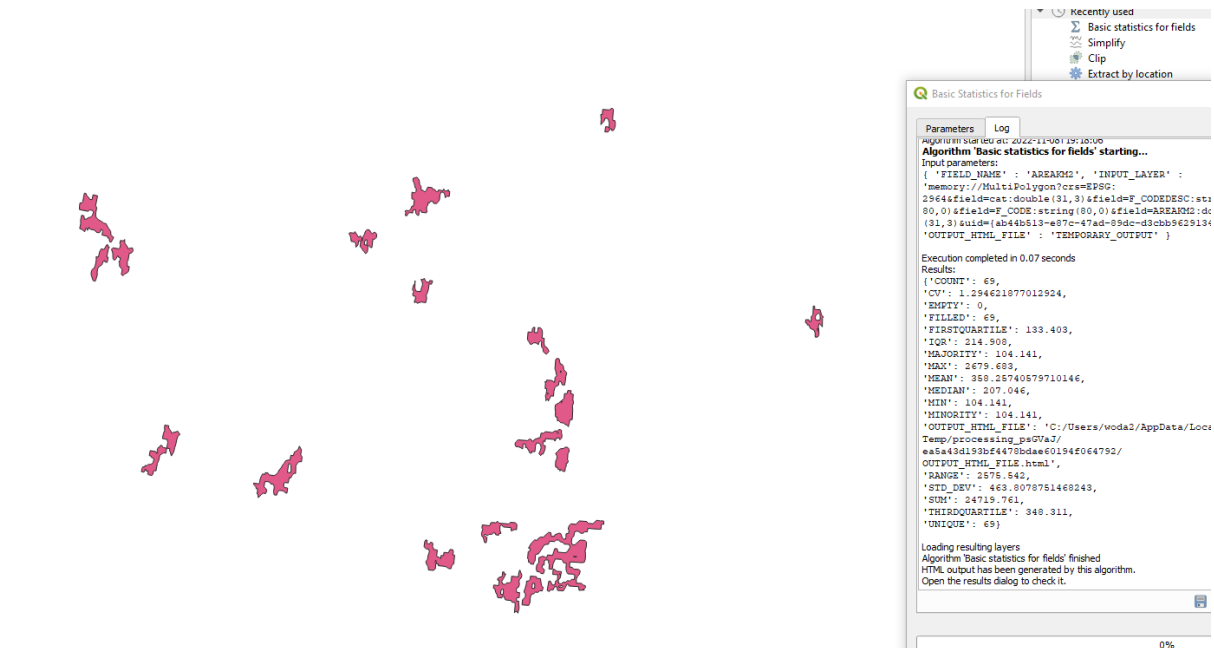
GEOS version: 3.10.3-CAPI-1.16.1
PROJ version: Rel. 9.1.0, September 1st, 2022
PDAL version: 2.4.3 (git-version: 434757)
Algorithm started at: 2022-11-08T19:15:21
Algorithm 'Basic statistics for fields' starting...
Input parameters:
{ 'FIELD_NAME' : 'AREAKM2', 'INPUT_LAYER' : 'D:\
\BDP\\Cw4\\qgis_sample_data\\shapefiles\\swamp.shp',
'OUTPUT_HTML_FILE' : 'TEMPORARY_OUTPUT' }

Execution completed in 0.07 seconds
Results:
{'COUNT': 69,
'CV': 1.294621877012924,
'EMPTY': 0,
'FILLED': 69,
'FIRSTQUARTILE': 133.403,
'IQR': 214.908,
'MAJORITY': 104.141,
'MAX': 2679.683,
'MEAN': 358.25740579710146,
'MEDIAN': 207.046,
'MIN': 104.141,
'MINORITY': 104.141,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Local/
Temp/processing_psGVaJ/
8a0296f1e37548589 6fd33de7da4a1a3/
OUTPUT_HTML_FILE.html',
'RANGE': 2575.542,
'STD_DEV': 463.8078751468243,
'SUM': 24719.761,
'THIRDQUARTILE': 348.311,
'UNIQUE': 69}

Loading resulting layers
Algorithm 'Basic statistics for fields' finished
HTML output has been generated by this algorithm.
Open the results dialog to check it.

Basic Statistics for Fields

Parameters | Log

Algorithm started at: 2022-11-08T19:18:08
Algorithm 'Basic statistics for fields' starting...
Input parameters:
{ 'FIELD_NAME' : 'AREAKM2', 'INPUT_LAYER' :
'memory://MultiPolygon?crs=EPSG:
2964&field=cat:double(31,3)&field=F_CODEDESC:str
80,0)&field=F_CODE:string(80,0)&field=AREAKM2:do
(31,3)&uid={ab44b513-e87c-47ad-89dc-d3cbb9629136
'OUTPUT_HTML_FILE' : 'TEMPORARY_OUTPUT' }

Execution completed in 0.07 seconds
Results:
{'COUNT': 69,
'CV': 1.294621877012924,
'EMPTY': 0,
'FILLED': 69,
'FIRSTQUARTILE': 133.403,
'IQR': 214.908,
'MAJORITY': 104.141,
'MAX': 2679.683,
'MEAN': 358.25740579710146,
'MEDIAN': 207.046,
'MIN': 104.141,
'MINORITY': 104.141,
'OUTPUT_HTML_FILE': 'C:/Users/woda2/AppData/Loca
Temp/processing_psGVaJ/
ea5a43d193bf4478bdae60194f064792/
OUTPUT_HTML_FILE.html',
'RANGE': 2575.542,
'STD_DEV': 463.8078751468243,
'SUM': 24719.761,
'THIRDQUARTILE': 348.311,
'UNIQUE': 69}

Loading resulting layers
Algorithm 'Basic statistics for fields' finished
HTML output has been generated by this algorithm.
Open the results dialog to check it.

Recently used
Basic statistics for fields
Simplify
Clip
Extract by location

Simplified — Field Calculator

Only update 0 selected feature(s)

☑ Create a new field   Update existing field

☐ Create virtual field

Output field name

Output field type   123 Whole Number (integer)

Output field length 10   Precision 3

Expression | Function Editor

num_points($geometry)

feature
geometry
id
row_number
Aggregates
Arrays
Color
Conditionals
Conversions
Date and Time
Fields and Values
Files and Paths
Fuzzy Matching
General
Geometry
Map Layers
Maps

= + - / * ^ || ( ) 'n'

Feature Marsh/Swamp

Preview: 273

You are editing information on this layer but the layer is currently not in edit mode. If you click OK, edit mode will automatically be turned on.

OK   Cancel   Help

swamp — Field Calculator

Only update 0 selected feature(s)

☑ Create a new field   Update existing field

☐ Create virtual field

Output field name

Output field type   123 Integer (32 bit)

Output field length 10   Precision 3

Expression | Function Editor

num_points($geometry)

feature
geometry
id
row_number
Aggregates
Arrays
Color
Conditionals
Conversions
Date and Time
Fields and Values
Files and Paths
Fuzzy Matching
General
Geometry
Map Layers
Maps

= + - / * ^ || ( ) 'n'

Feature Marsh/Swamp

Preview: 315

You are editing information on this layer but the layer is currently not in edit mode. If you click OK, edit mode will automatically be turned on.

OK   Cancel   Help