**PART 1**

**Query**

**geometry, Area\_Acres,Length\_mil**

**var** rows = data[**'rows'**];

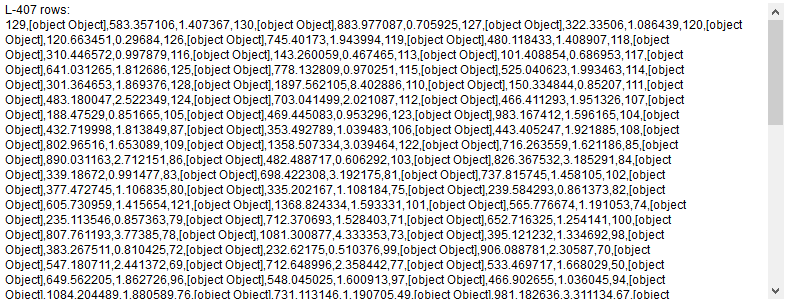
**Alert 1.**

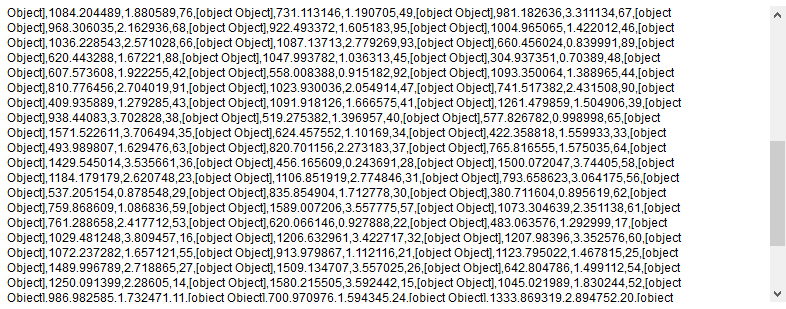
This information comes from the GIS map

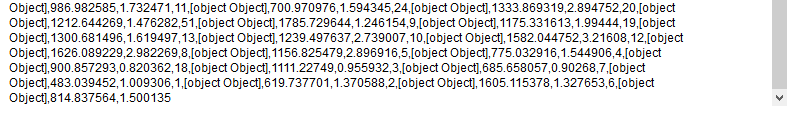
**rows**

alert(**"L-407 rows"** + rows);

Subbasin, geometry-coord., Area, Length







**Alert 2.**

alert(rows.**length**);*//E:*

row: 130

alert(**"Type rows: "** + **typeof 'rows'**);

String

**Alert 3.**

alert(rows[0]);

**129,[object Object],583.357106,1.407367**

alert(**"Type row[0]: "** + **typeof 'rows[0]'**);

String

alert(rows[0][1]);

row[0][1]: [object Object]

alert(rows[0][1][**'geometry'**]);

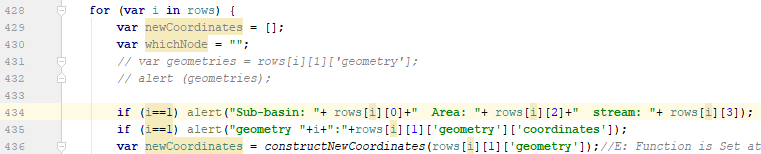
row[0][1]['geometry']: [object Object]

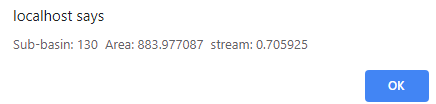
alert(**"row[0][1][1]: "** + rows[0][1][1]);

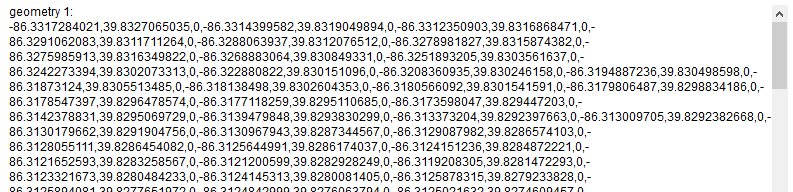
row[0][1][1]: undefined

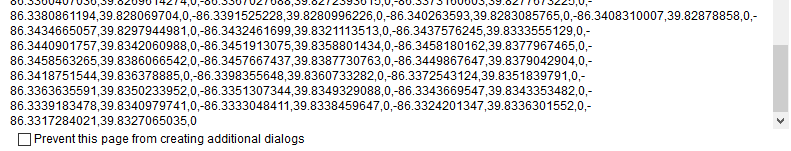
alert (**"Sub-basin: "**+ rows[i][0]+**" Area: "**+ rows[i][2]+**" stream: "**+ rows[i][3])

alert (**"geometry "**+i+**":"**+rows[i][1][**'geometry'**][**'coordinates'**]);

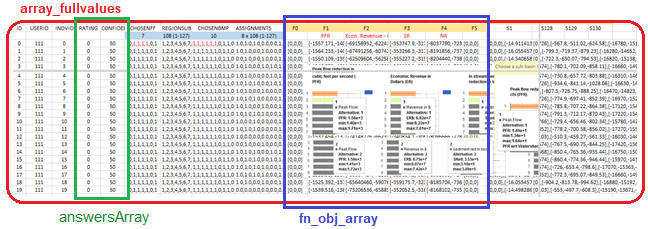




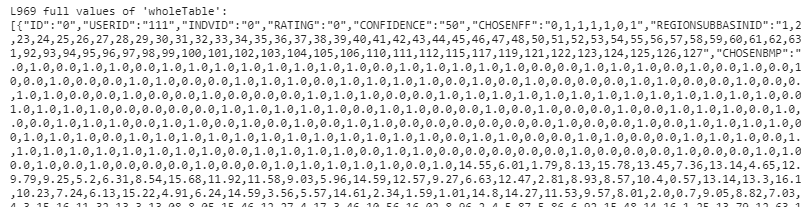




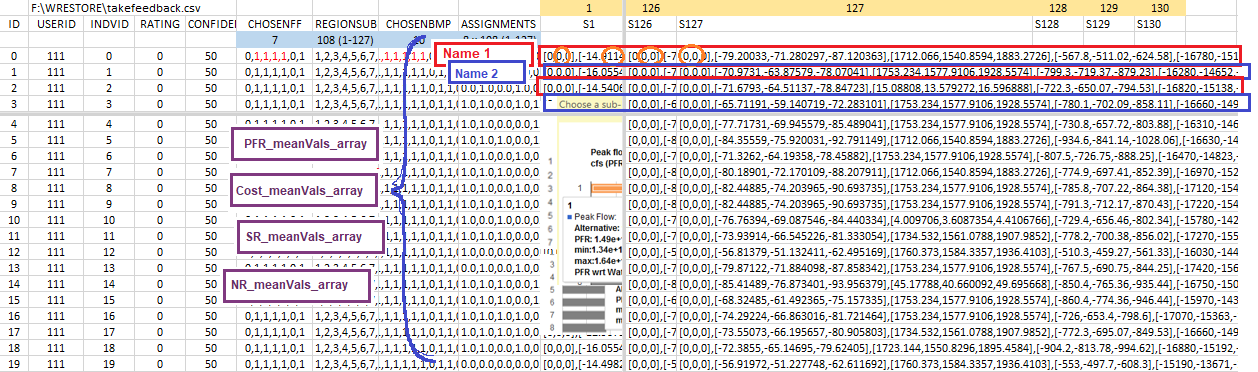
**PART 2**

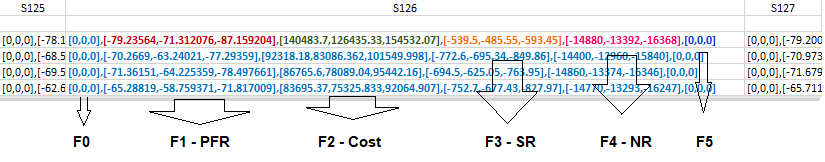
****

**console**.log(**"L.969 full values of 'wholeTable':"** + ***JSON***.stringify (***array\_fullvalues***));

****

**PFR\_meanVals\_array, Cost\_meanVals\_array, SR\_meanVals\_array, NR\_meanVals\_array**

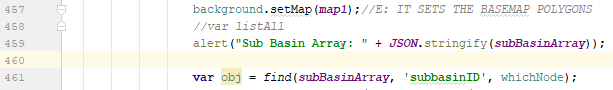
****

****

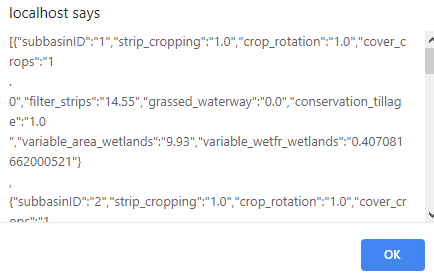
**PART3**

**subBasinArray**

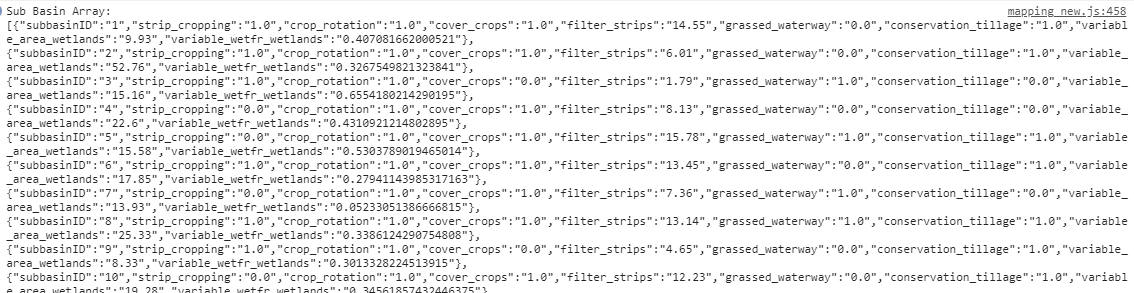
This information comes from MySQL Database. It gives values for each of 108 subbasins



It gives 130 times this

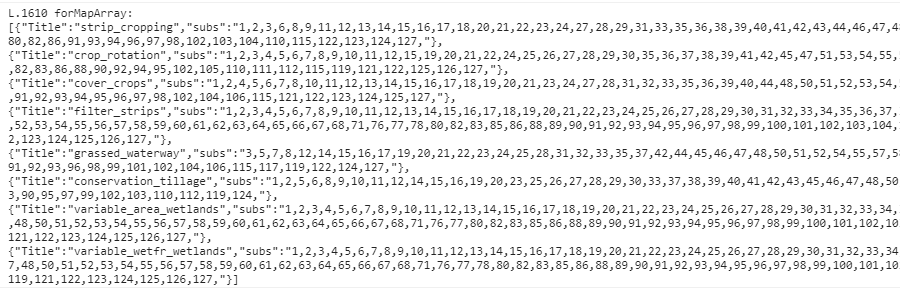






**forMapArray**

**console**.log(**"L.1610 forMapArray: \n"**+ ***JSON***.stringify(***forMapArray***));

**

**PART 3**

*alert (obj);*

Note: ‘find’ function searches the match watershed



It gives this, 130 times



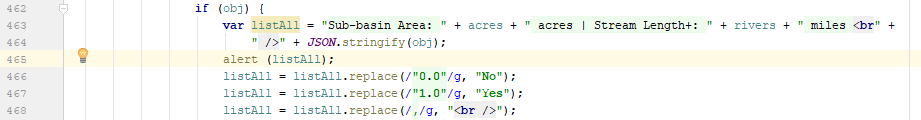
alert (***JSON***.stringify(obj, **null**, 4));



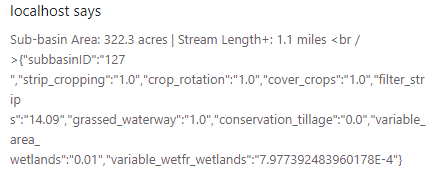
It gives this, 130 times



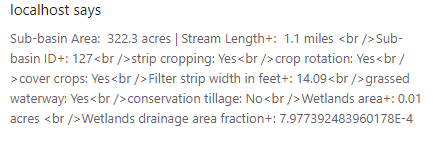
*alert (listAll);*

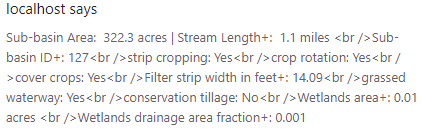


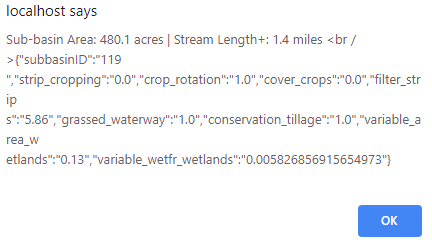
Before

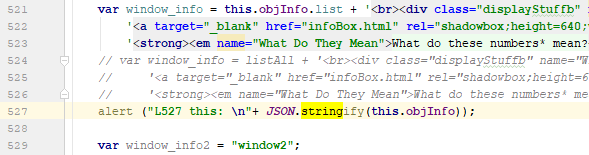


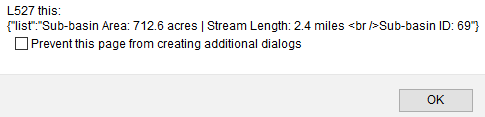
After



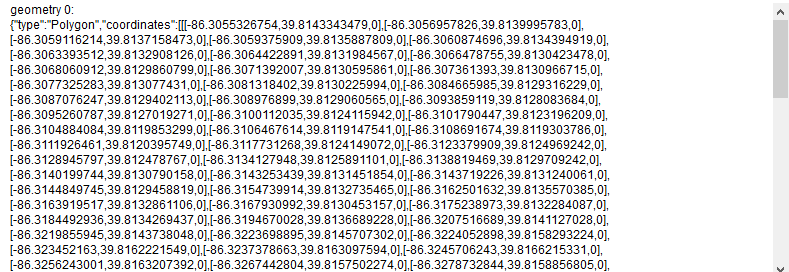


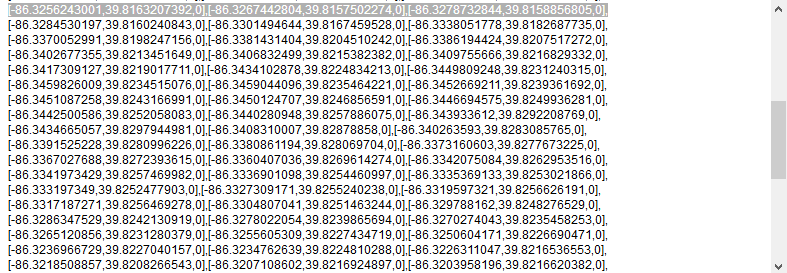
, The blue box is “obj”

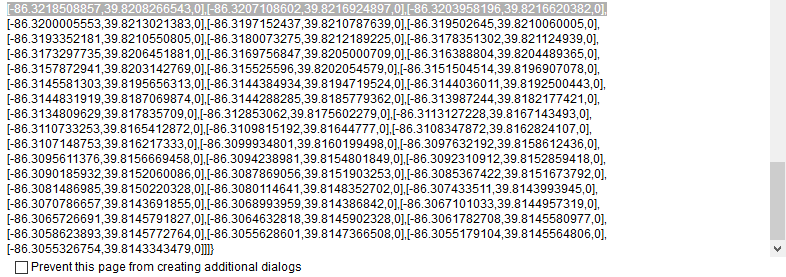




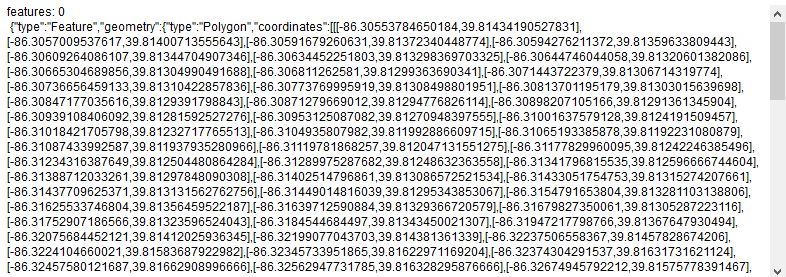


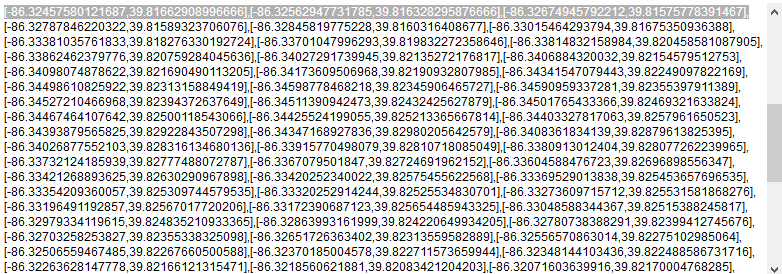


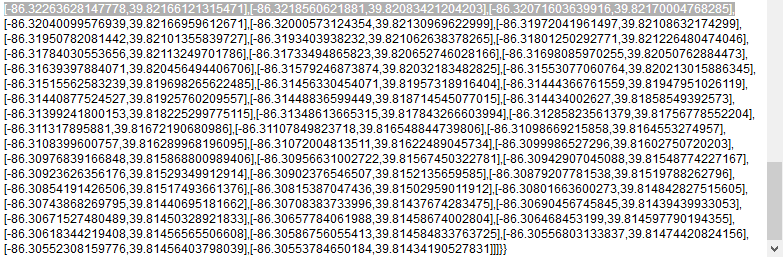




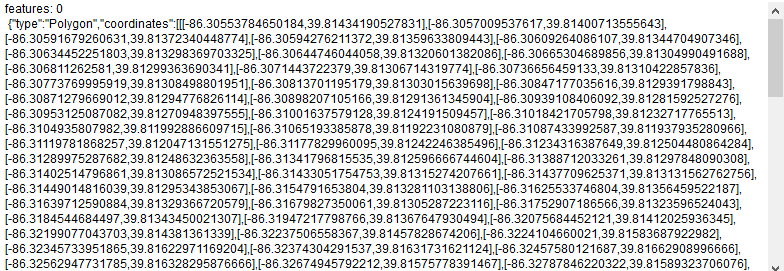
**if** (i==0) alert(**"features: "** + i + **" \n "** + ***JSON***.stringify(***map\_data***.**features**[i]));

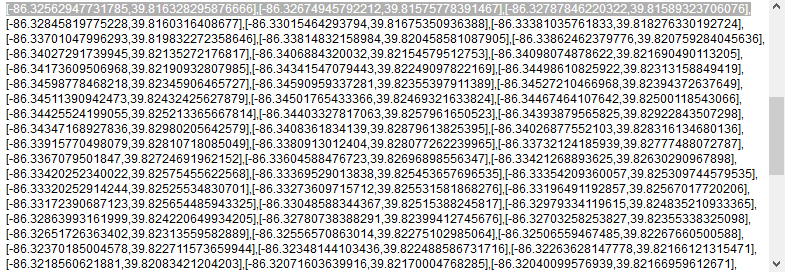






**if** (i==0)alert(**"features: "**+i+**" \n "**+***JSON***.stringify(***map\_data***.**features**[i].**geometry**));





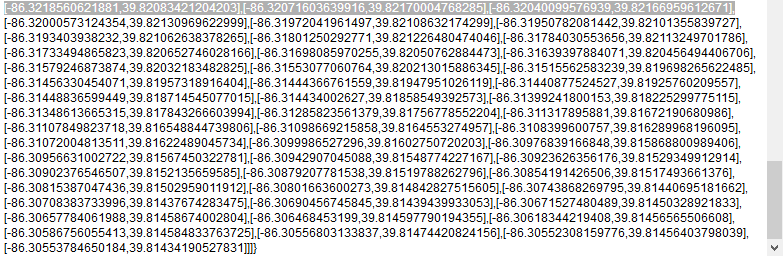


Chart libraries

<https://naver.github.io/billboard.js/demo/#Chart.StackedBarChart>

<https://naver.github.io/billboard.js/>

<https://geoviz.ceoas.oregonstate.edu/neocarto/>

Stack overflow

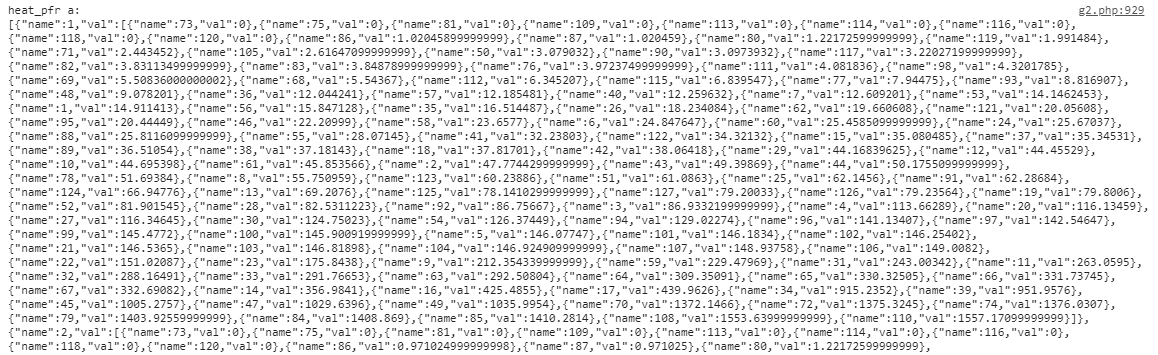
<https://stackoverflow.com/questions/10888958/country-boundries-using-google-map-api-v3/37092260#37092260>

<https://stackoverflow.com/questions/39106230/style-multiple-geojson-files-with-the-google-maps-javascript-api-v3-data-layer/39107656>

chrome does not update

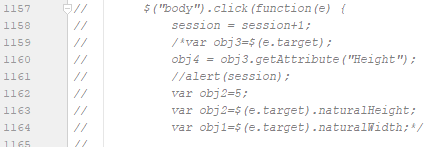
<https://groups.google.com/forum/#!topic/google-chrome-developer-tools/gysw_3qgMMs>

**console**.log (**"heat\_pfr a: \n"** + ***JSON***.stringify (***heatpfra***))



NOT SURE ABOUT THESE CHANGES

Change 1



Change 2

