

```
Project_3.txt — Edited
5.2,5.4,5.1 ,5.0,5.2,5.1,5.2,5.6,
5.5,5.5,5.3,5.0,5.0,5.7,5.2,5.1,5.0,
5.7,5.0,5.2,5.0,5.1,5.1,5.3,5.0,5.0,
5.0,5.1,5.8,5.0,5.3,5.0,5.1,5.1,5.0,
5.0,5.2,5.2,5.1,6.2,5.4,5.1,5.0,5.0,
5.0,5.0,5.3,5.1,5.6,5.5,5.0,5.0,5.0,
5.0,5.9,5.2,5.3,5.0,5.2,5.8,5.3,5.0,
5.1,5.2,5.1,5.1
```

Above: Earthquakes of magnitude 5.0 and higher over a two week period of time (66 data points).

Below: The hour when the earthquakes occurred (66 data points).

```
Hours.txt — Edited
14,14,0,19,17,8,1,9,2,0,17,0,16,13
,1,21,13,7,1,17,15,0,21,2,21,1,5,
11,8,6,23,15,15,15,15,15,14,14,14
14,7,2,18,18,16,13,13,13,12,11,11,
7,7,7,3,21,20,2,21,18,17,12,8,6,5,
1,0
```



```
Project3_2 | Processing 2.1
Project3_2
import processing.pdf.*;

color[] colorPool = new color[66];
boolean save;

void setup () {
  size (1700, 1400);
  background (255);
  //noStroke ();
  smooth ();
  framerate (2);
}

void draw () {

  if(save) {
    beginRecord(PDF, "whyyy.pdf");
    println("begin record");
  }

  String [] values = loadStrings ("Project 3.txt");
  for (int i = 0; i < values.length; i++) {
    float val = (((float(values[i]) + 0) - 5) * .01);
    fill(color(255 - val*250, 255 - val*250, 0));
    colorPool[i] = color(255 - val*250, 255 - val*250, 0);
    float rectHeight = val * 300;

    noStroke ();
    smooth ();
    triangle(i*25, 700, i*25+10, 440 - (val * 250), i*25+20, 700);

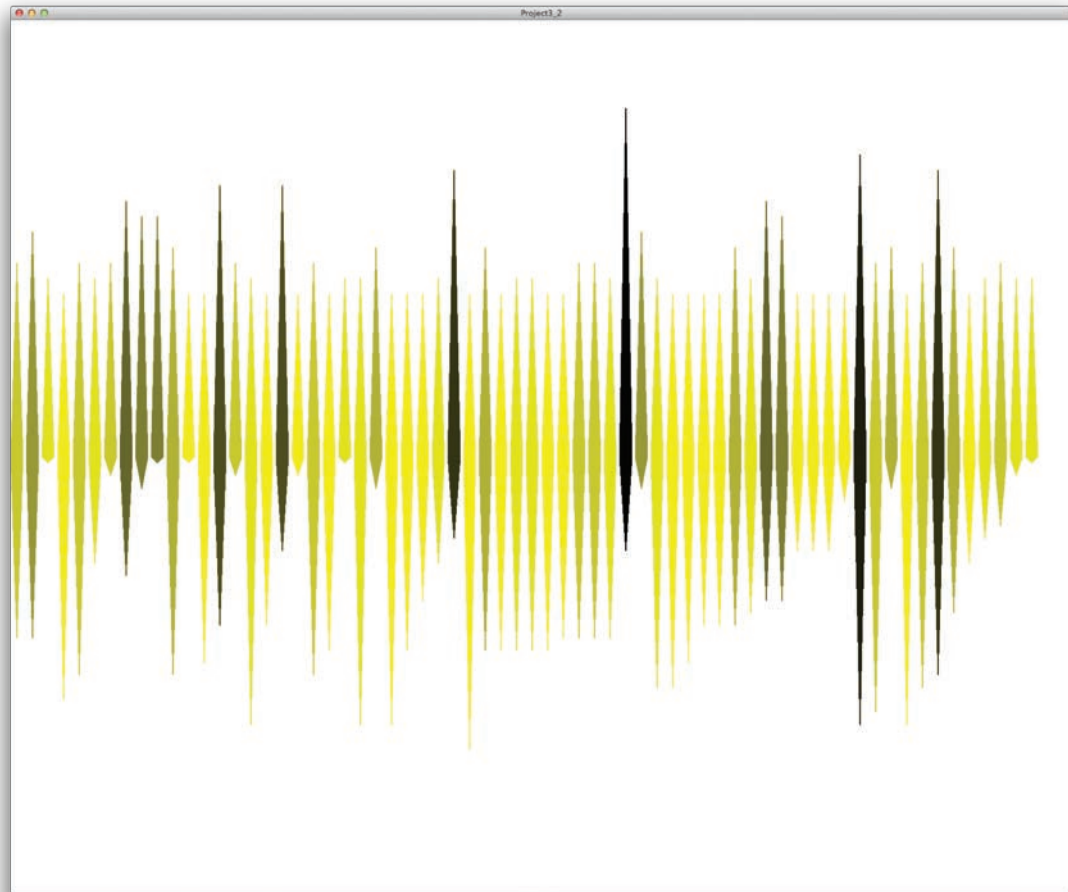
  }

  String [] values = loadStrings ("hours.txt");
  for (int j = 0; j < values.length; j++) {
    float vals = float(values[j]) * 0.5;
    fill(colorPool[j]);
    noStroke ();
    smooth ();
    triangle(j*25, 700.0, j*25+10, 700 - (vals * 20), j*25+20, 700);
  }

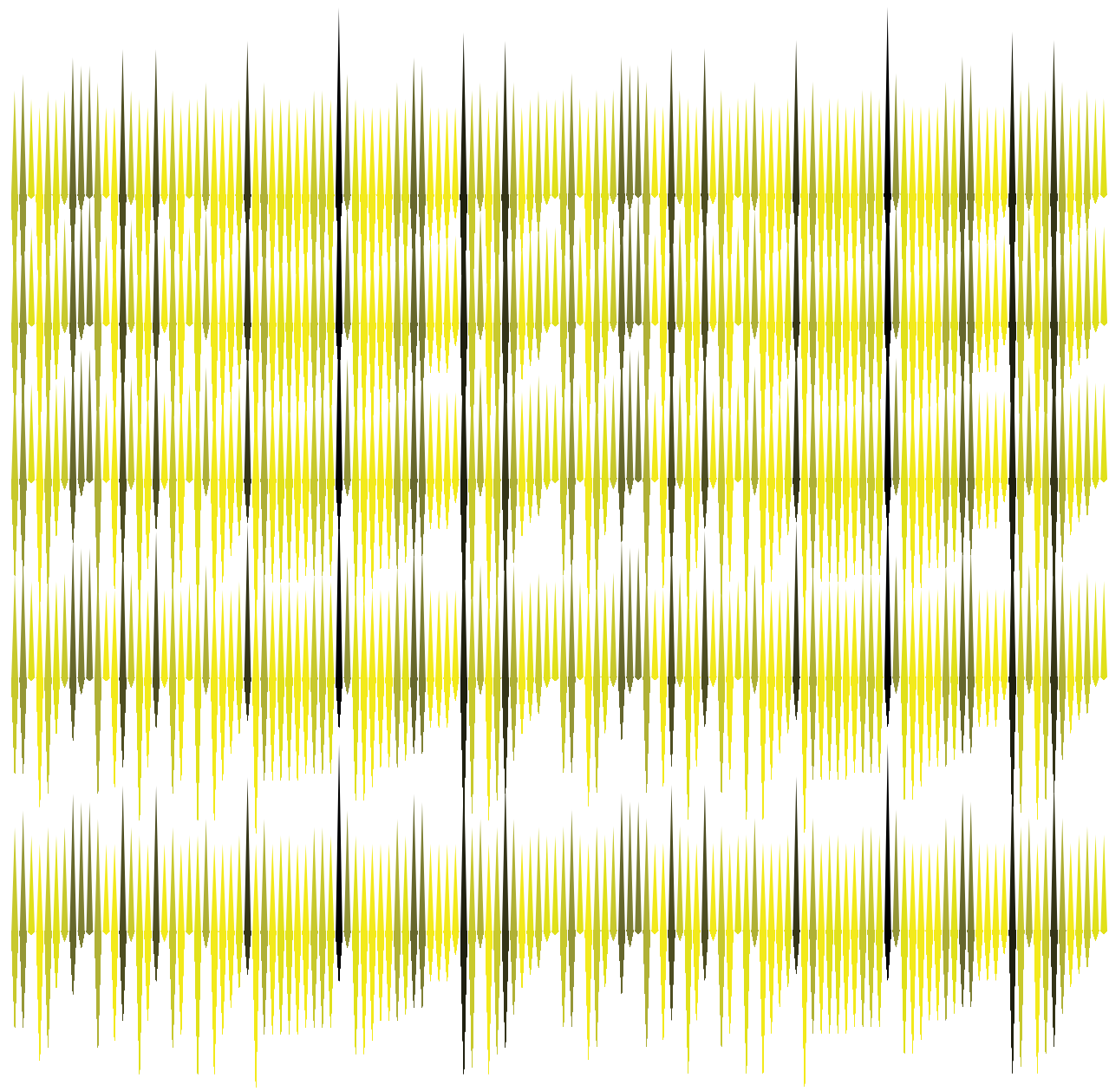
  if(save) {
    endRecord();
    save = false;
    println("end Record");
  }

}

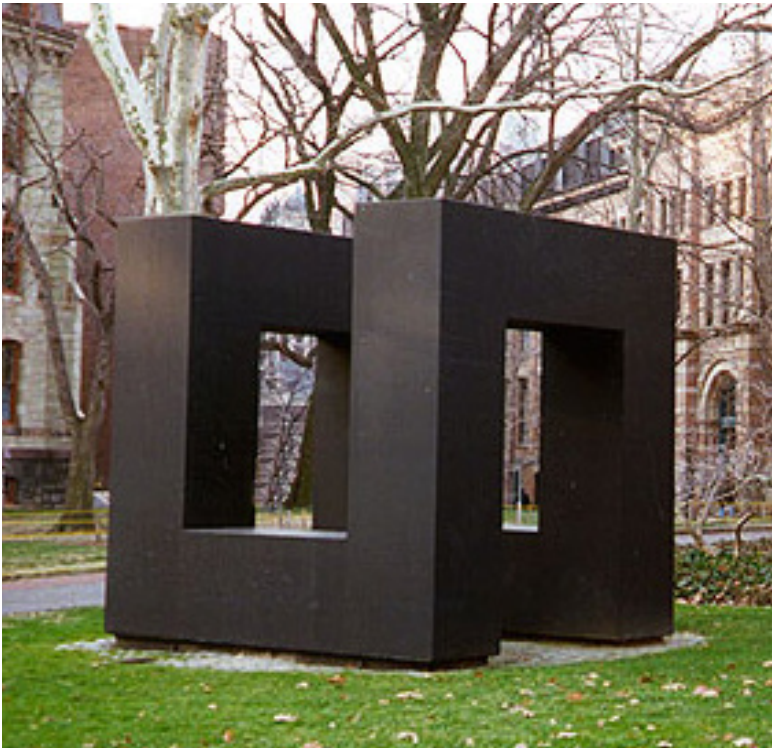
void keyPressed () {
  save = true;
  println(save);
}
```



The height of the top part of the diamonds represents the magnitude of the earthquake. The height of the bottom portion of the diamonds represents the hour during which the earthquakes occurred. Darker colors indicate higher magnitude earthquakes.







Tony Smith, *We Lost*, 1966, College Green (before 1998),
University of Pennsylvania



Robert Indiana, *Love*, 1966, College Green (after 1998),
University of Pennsylvania

Wiederlos



