



Outline



Introduction

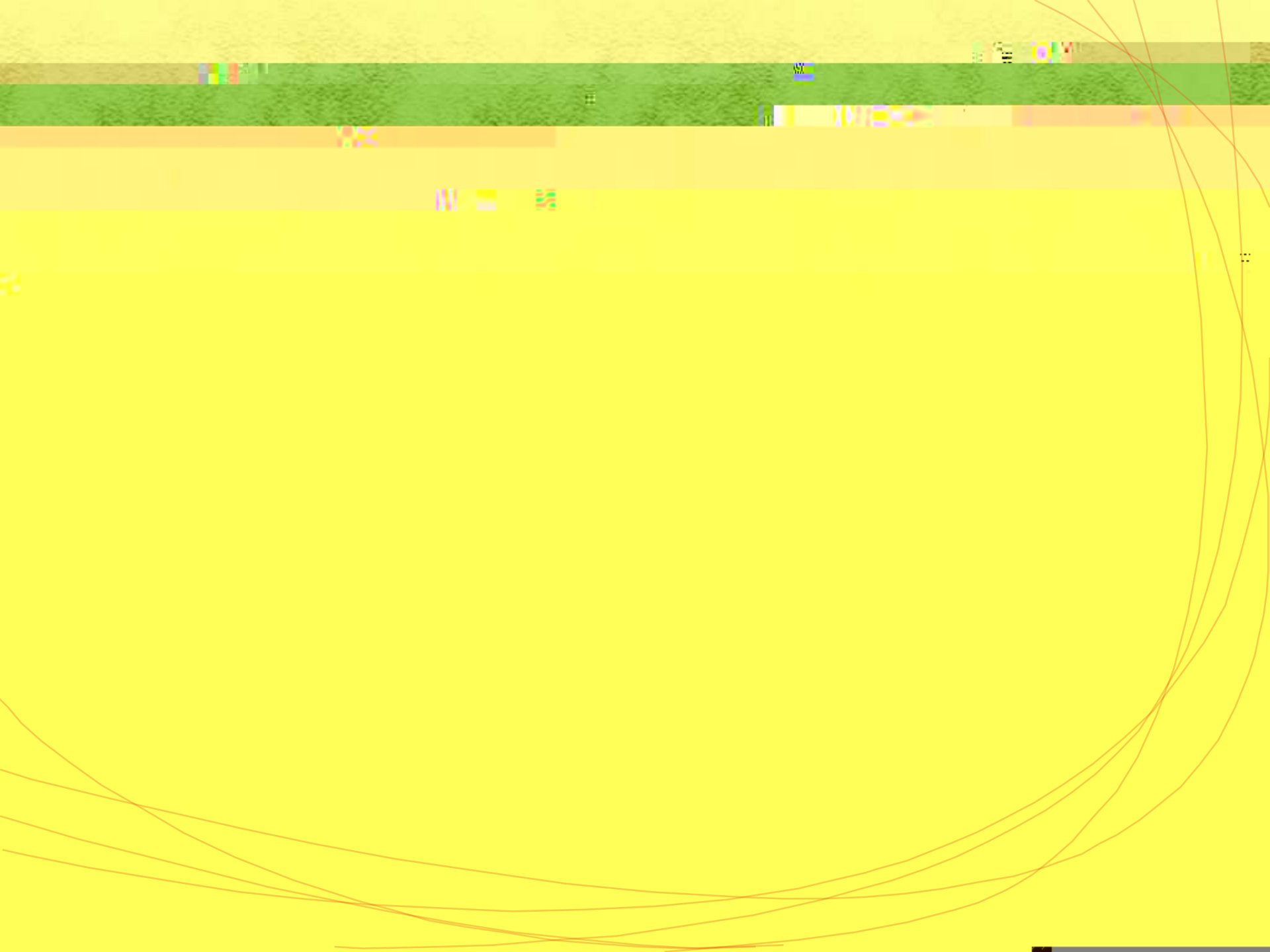


Froude Number

$$Fr = \frac{U}{\sqrt{gh}}$$

$$\sqrt{gh}$$



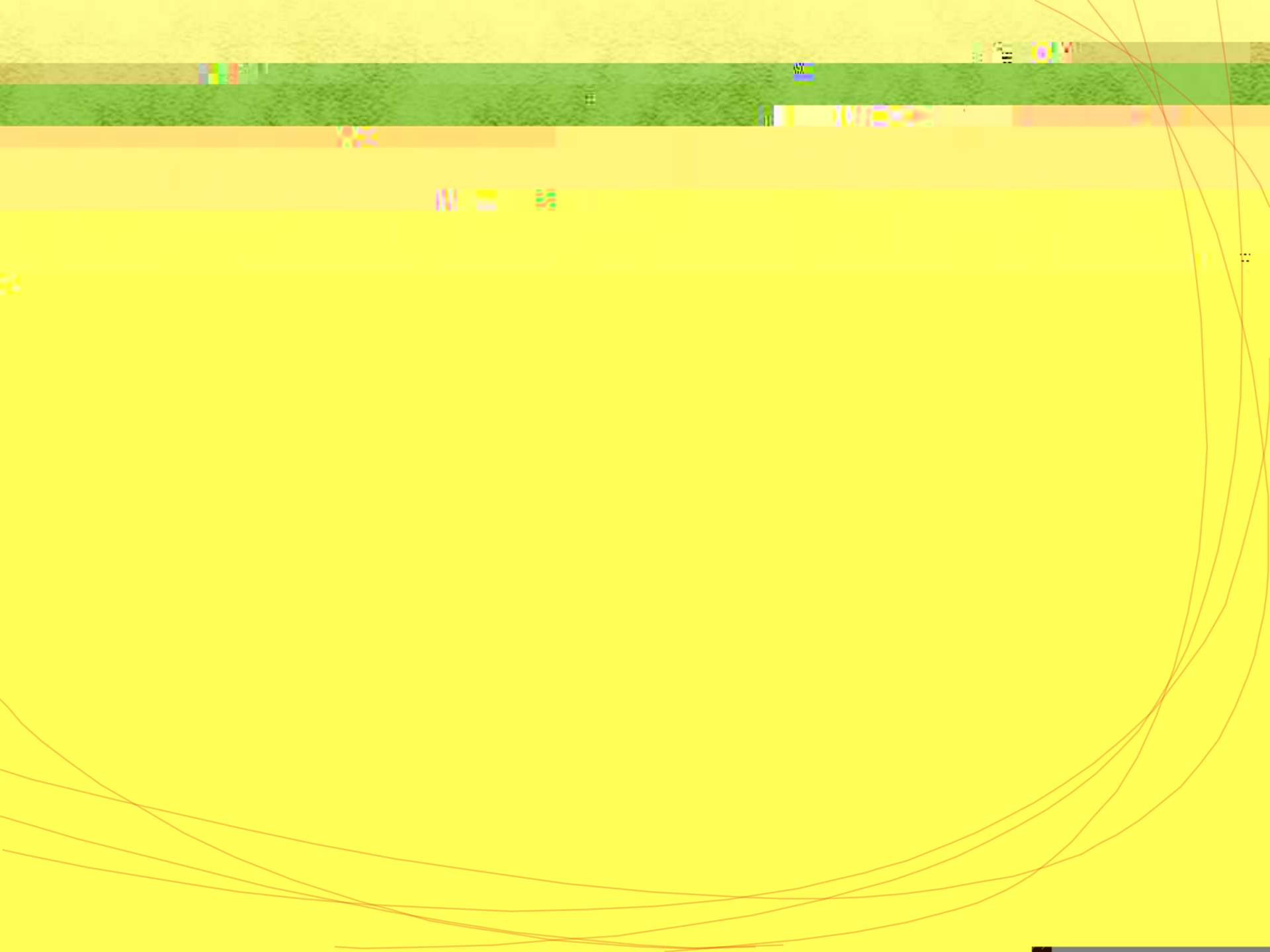


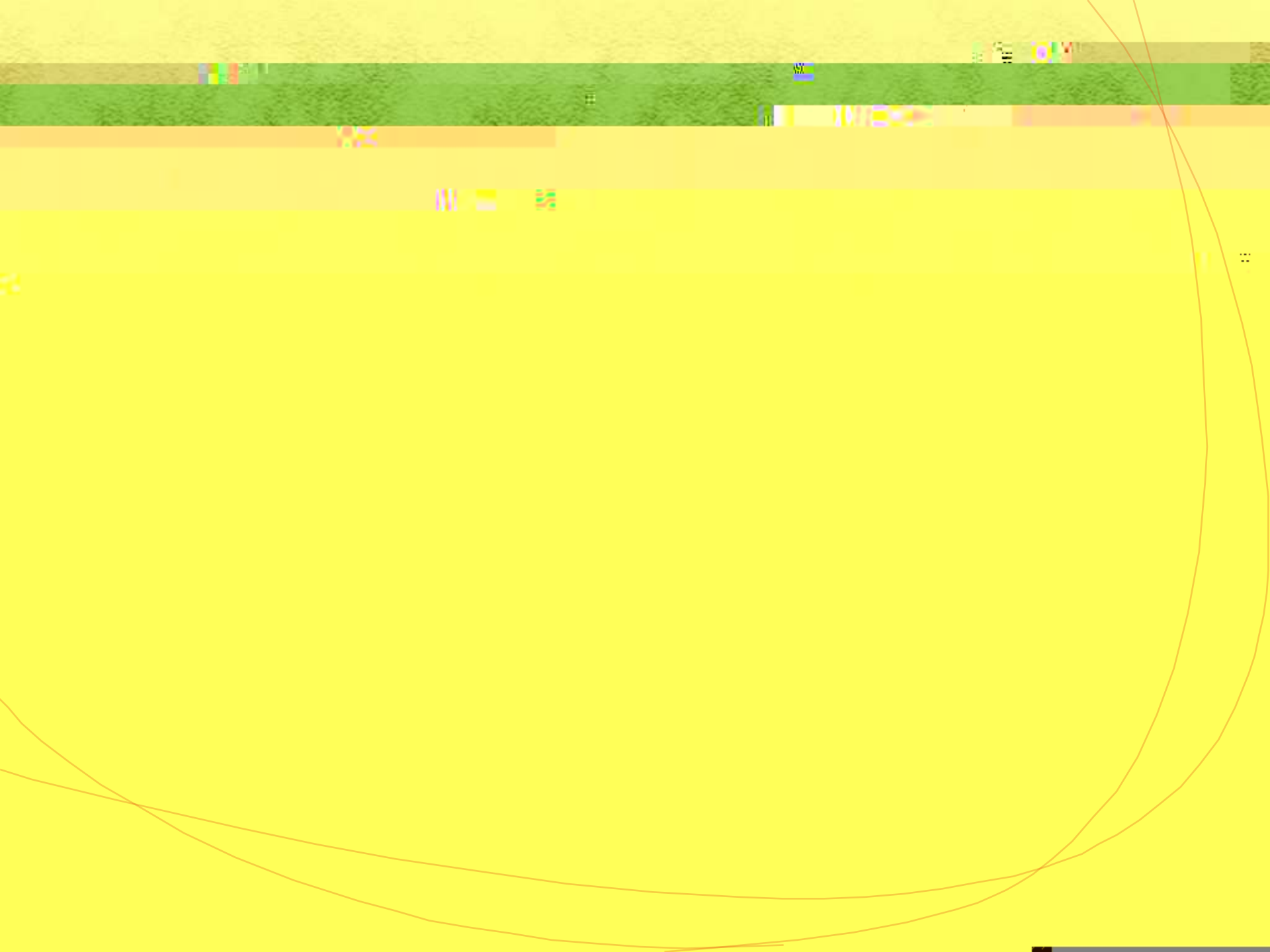


What is HEC-RAS?

Hydrologic Engineering Center's River



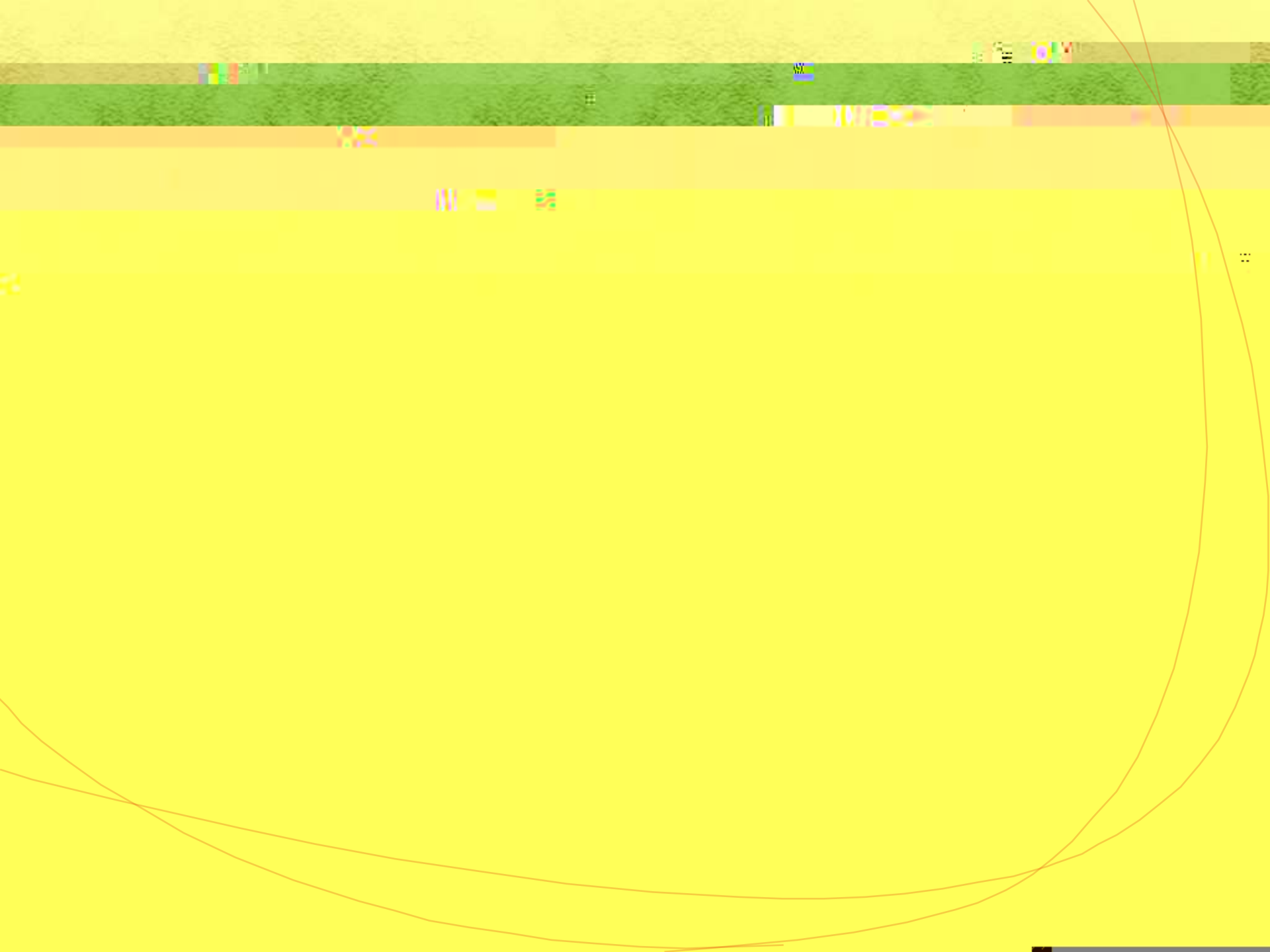




Energy Equation

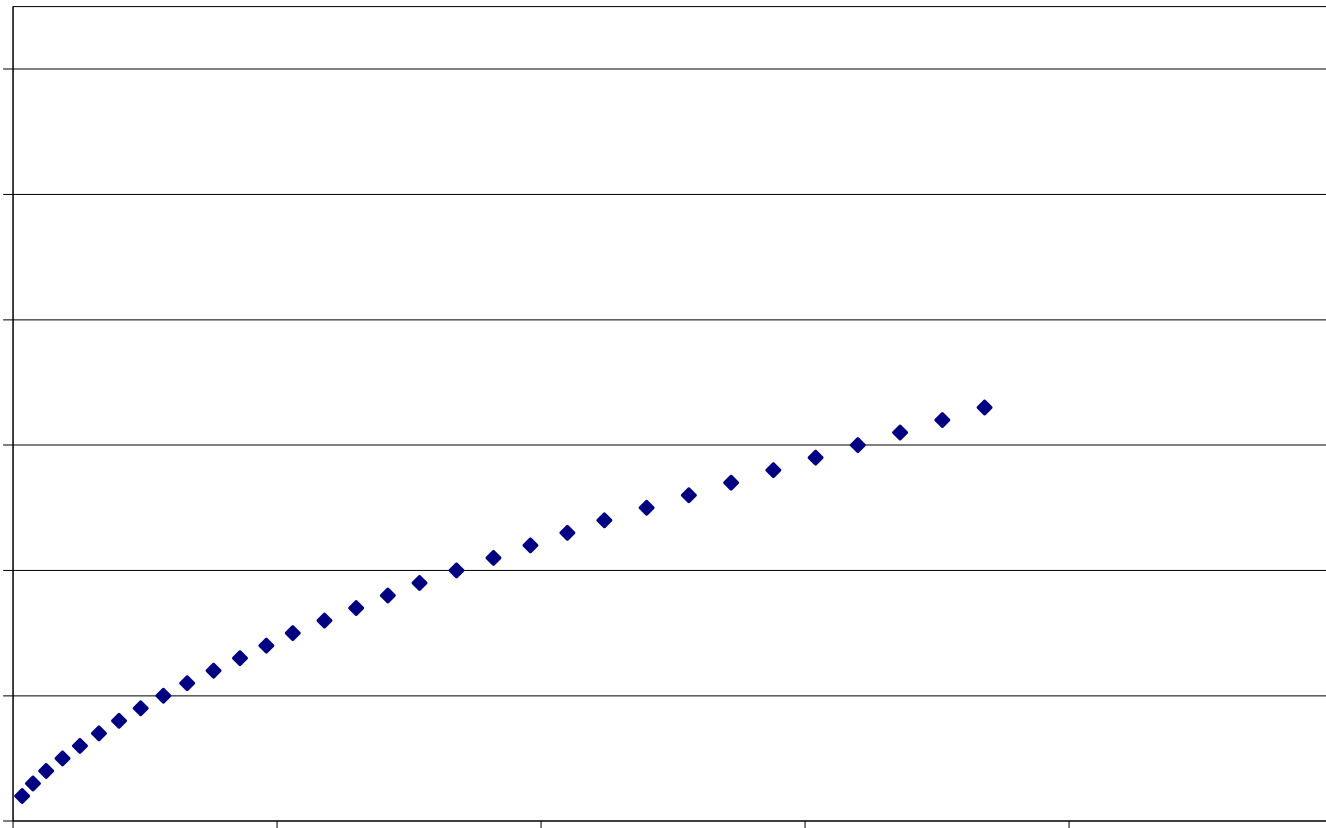


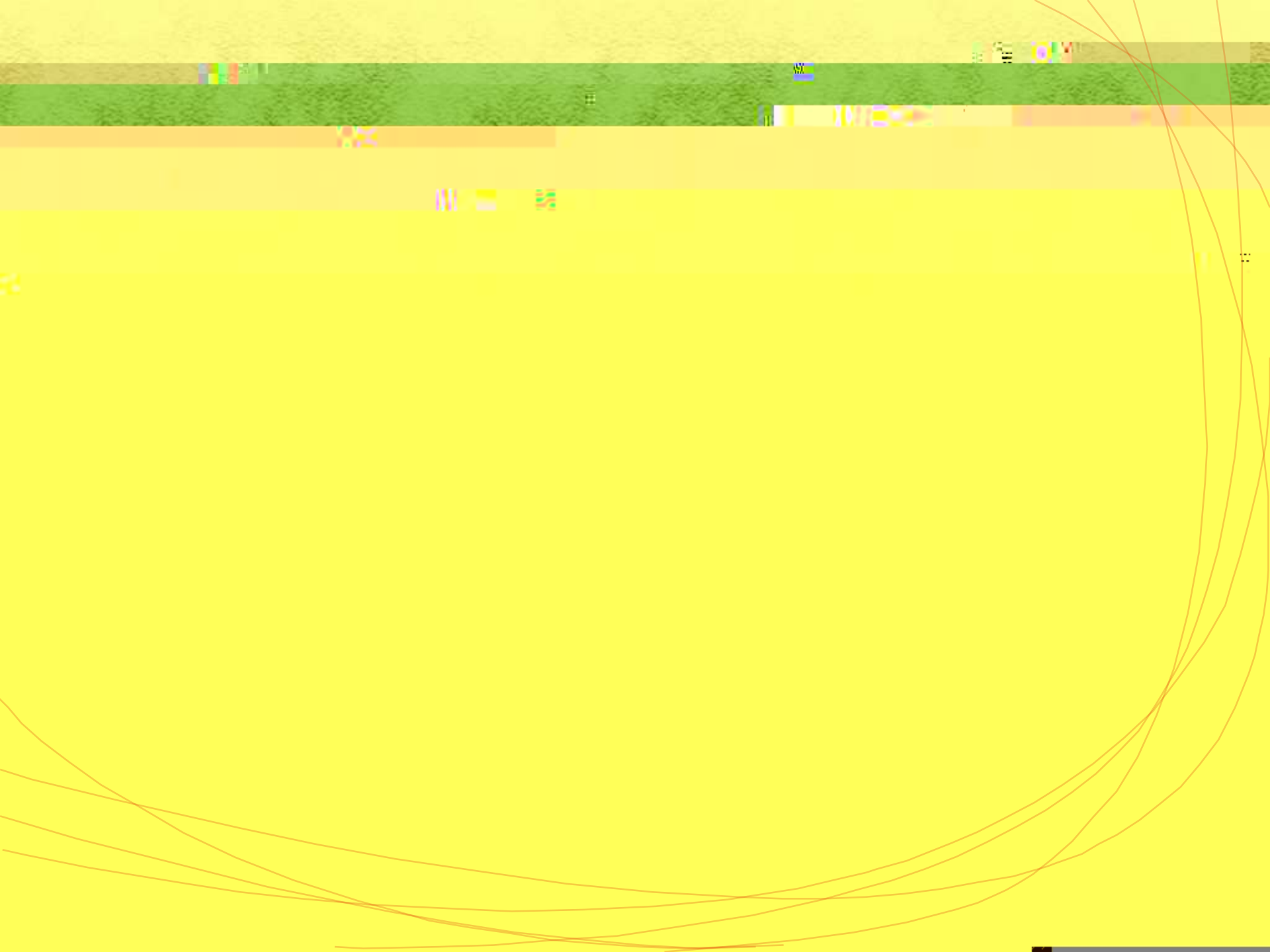


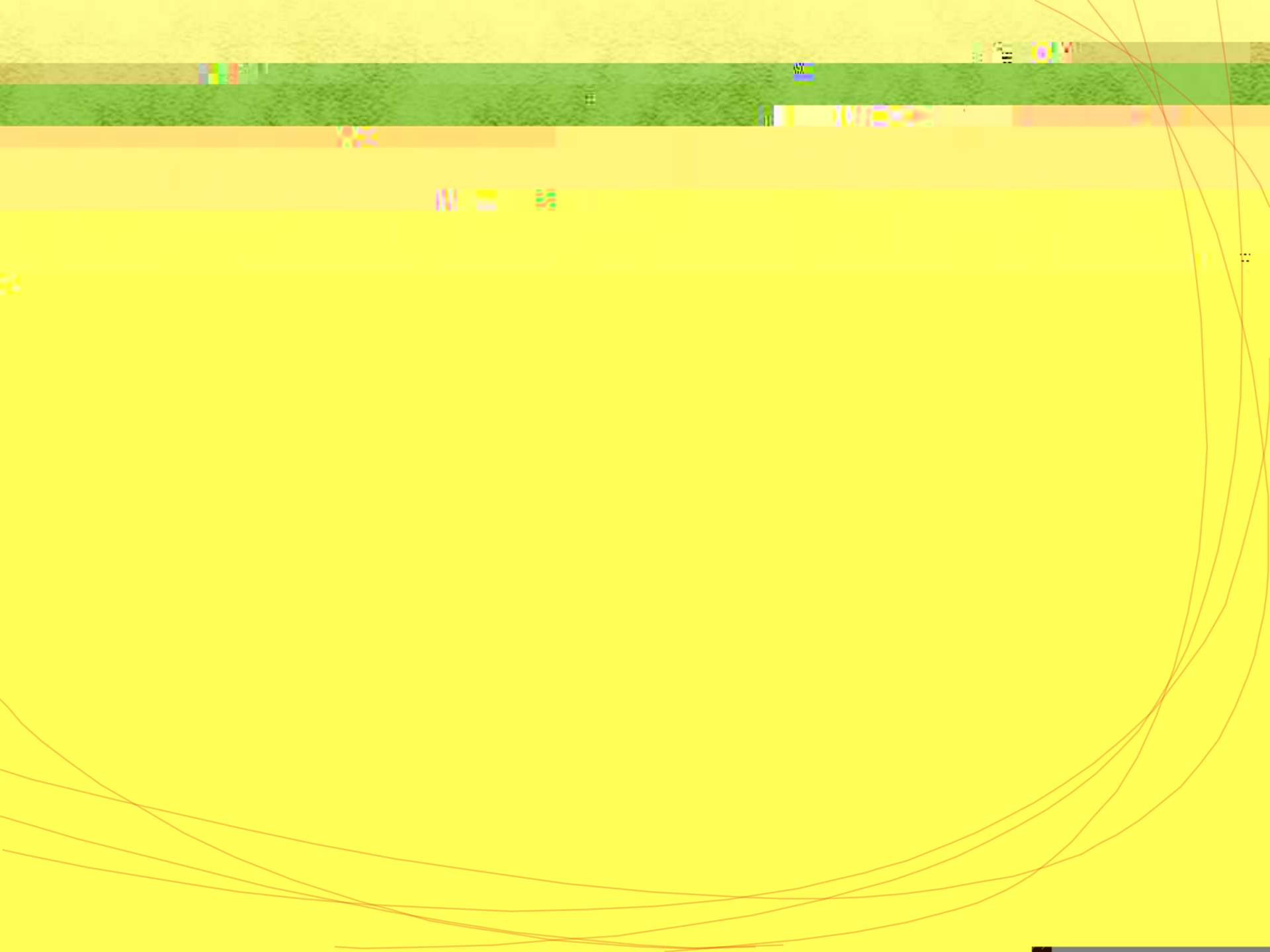


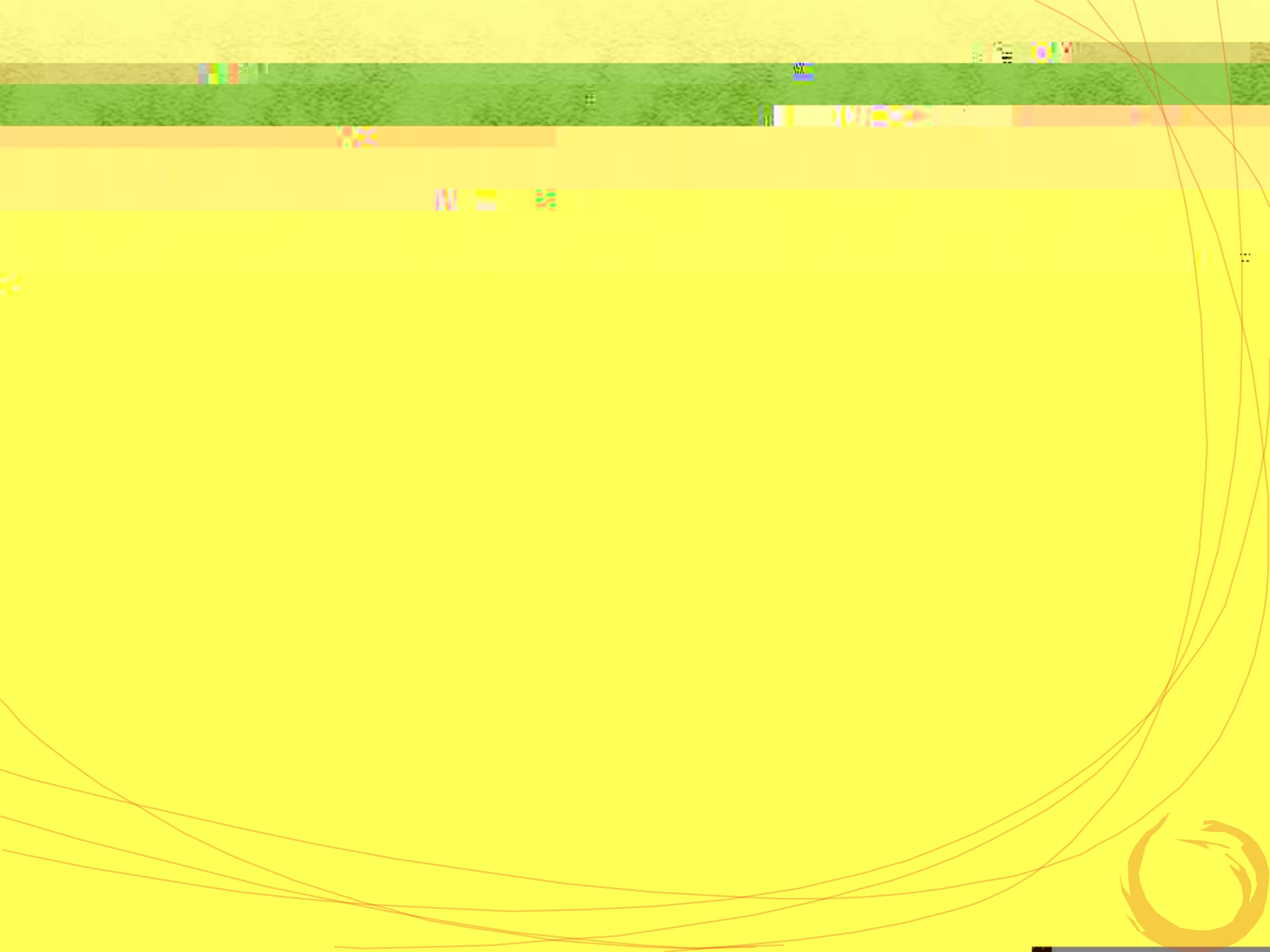


Recent Data (Scaled)



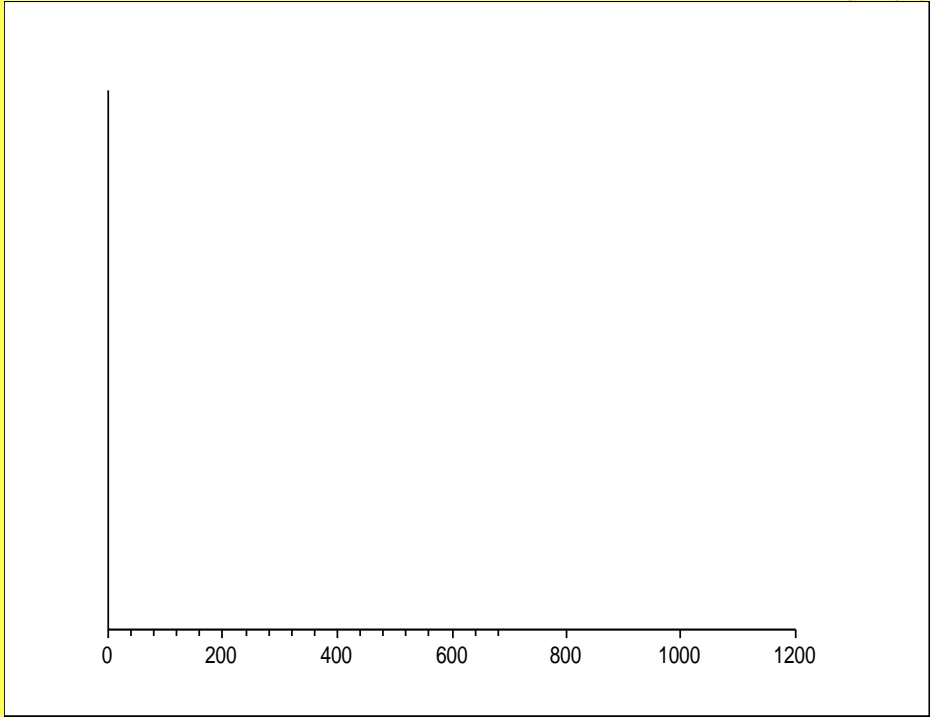








Hydraulic Jumps (cont.)



Results (



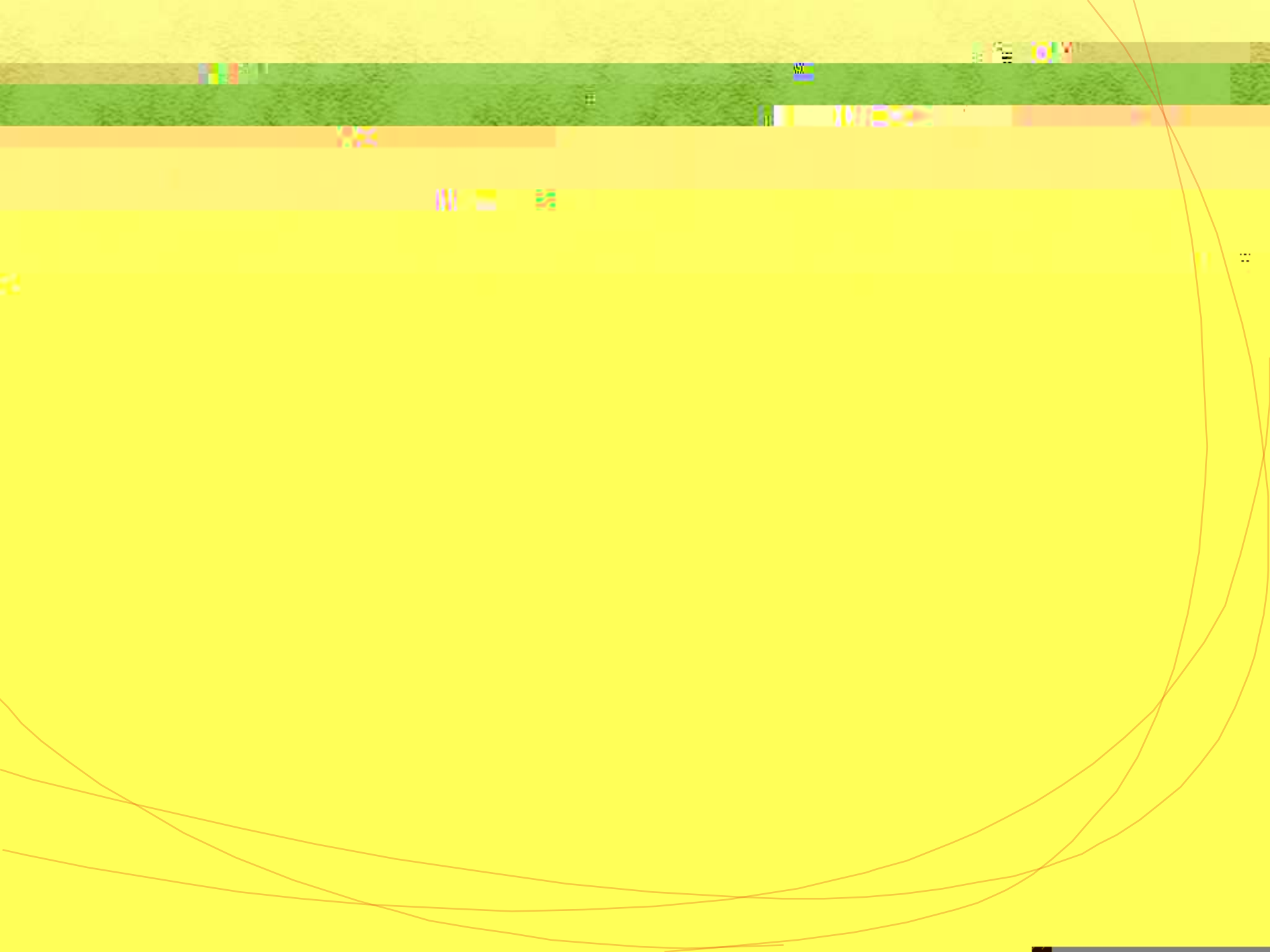


Future Work

Use this curve to demonstrate Buck Creek's







Questions?