

1963

## EC63-140 Kinds of Erosion

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Wind causes blowouts. Note steep, high bumps where wind sweeps sand loose and blows it on adjoining grass.

## Kinds of Erosion

1. Wind—wind erosion is the loss of soil by the force of the wind.
2. Water—water erosion is the loss of soil by the force of water. There are three types of water erosion:
  - a. Rill erosion—the washing of many small ditches on a hillside.
  - b. Sheet erosion—the washing away of soil in thin layers.
  - c. Gully erosion—the creation of a ditch or small valley by running water. Sometimes these ditches become quite large.

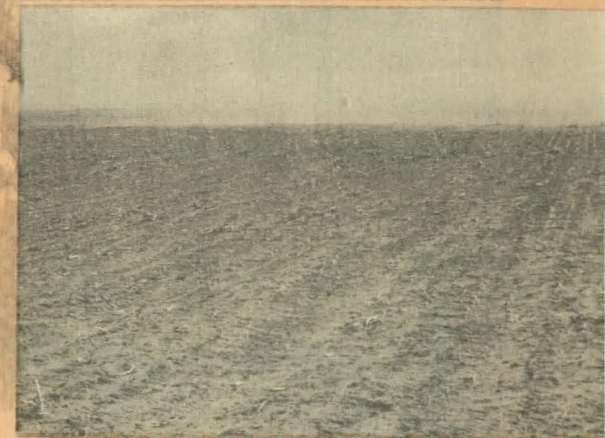
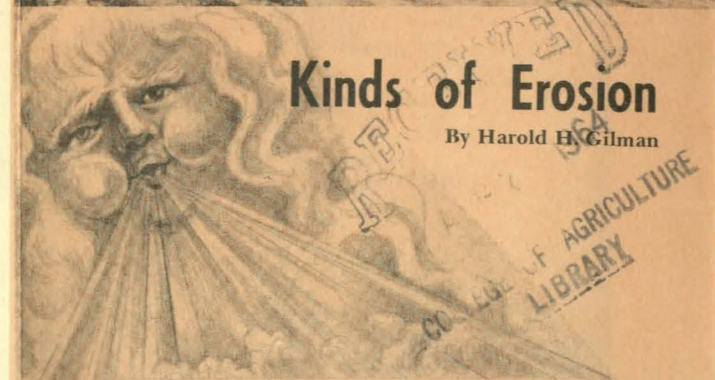
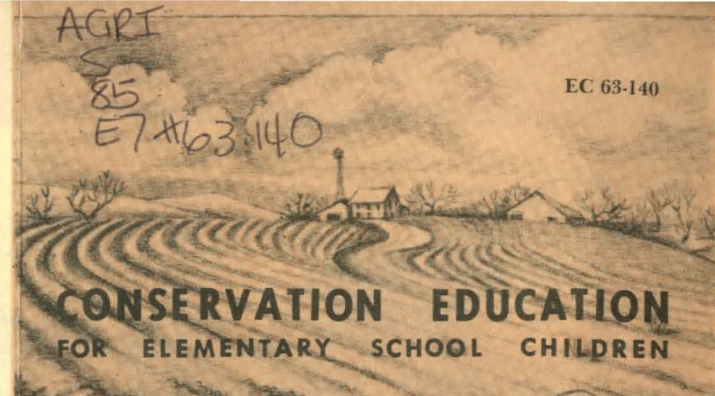
### Eroded Soil Means:

Poor farms  
 Poor crops  
 Poor farmers  
 Poor schools  
 Poor churches  
 Poor towns and cities

## Conservation Education Publications

The following circulars form the conservation education series.

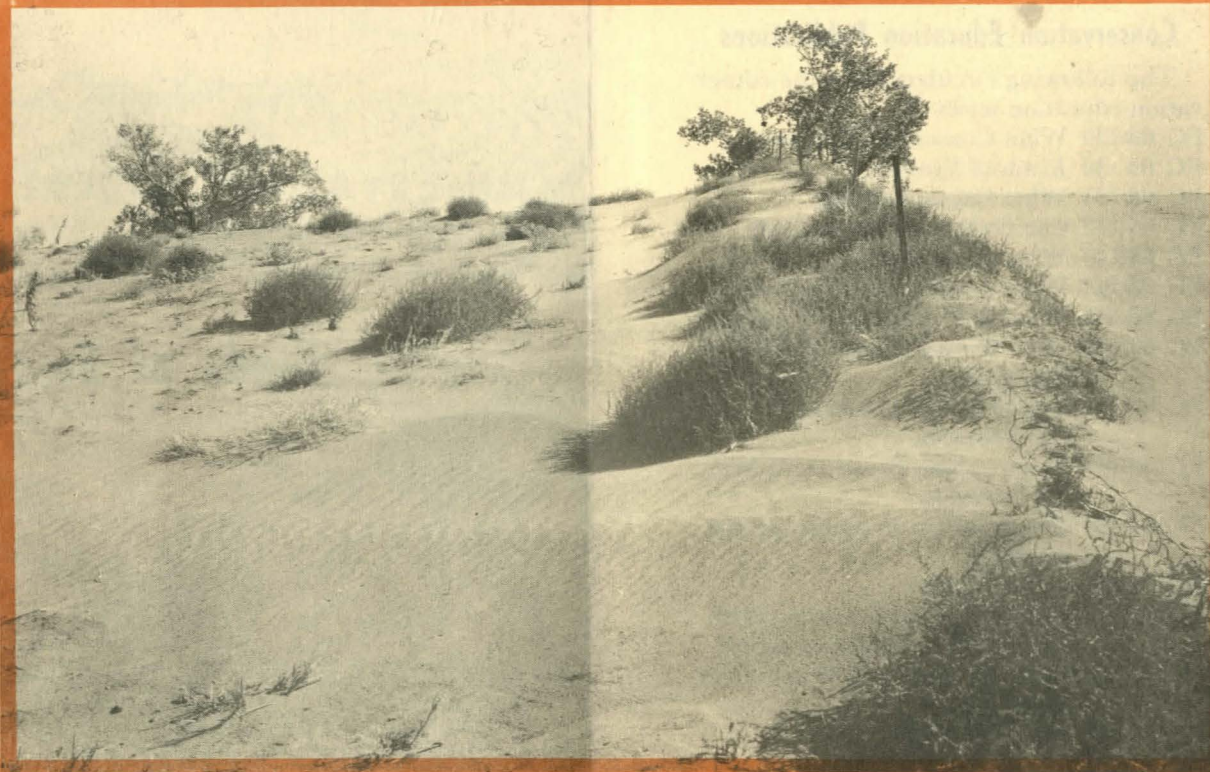
- EC 63-139 What Causes Soil Erosion?
- EC 63-140 Kinds of Erosion
- EC 63-141 What Causes Gullies?
- EC 63-142 Can Gullies Be Controlled?
- EC 63-143 What Is a Terrace?
- EC 63-144 What Is a Grassed Waterway?
- EC 63-145 What Is Wind Strip Cropping?
- EC 63-146 How Should Farm Ponds Be Managed?
- EC 63-147 Conservation Practices in Eastern Nebraska
- EC 63-148 Conservation Practices in Western Nebraska
- EC 63-149 Conservation Practices in the Sandhills
- EC 63-150 Shelterbelts?
- EC 63-151 Who Helps Nebraskans With Soil and Water Conservation?
- EC 63-152 Grass in Soil and Water Conservation
- EC 63-153 Stubble Mulch
- EC 63-154 Conservation Rotation
- EC 63-155 Bench Leveling



Wind causes soil to blow off a field.

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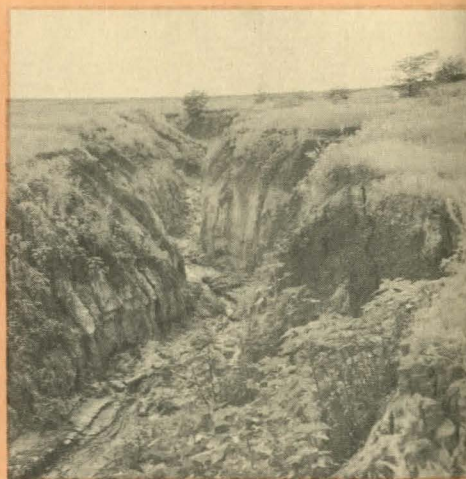
Wind causes fence lines to drift over with soil.



Water causes sheet erosion by removing a thin layer of topsoil.



Wind causes road ditches to fill with good soil.



Water causes gully erosion.



Water causes rill erosion—a series of small ditches being washed down a hill.