

## Understanding Your Environment: Land Use Planning Activity 3 - Flooding in Your Community

### This investigation will help you to:

- Floods and Development of Floodplains
- To learn more about the flood prediction, visit the following web sites:

#### Floods and Development of Floodplains

- "Floodplain Management: Executive Order No. 11988: May 24, 1977, 42 F.R. 26951" - EPA  
Floodplain management has been an issue for many years. Read the text of this Executive Order signed by President Jimmy Carter which orders the study and regulation of floodplain land management.
- "Flood Warnings - United States" - NOAA  
Current listings of floods in the United States.
- "Significant Floods in the United States During the 20th Century - USGS Measures a Century of Flood" - USGS Fact Sheet 024-00  
Reviews methods for monitoring floods, the thirty-two most significant floods of the 20th Century, the different "types" of floods (regional, flash, ice-jam, storm-surge, etc.), how to find flood information online, and interesting facts on floods.
- "The "100-Year Flood"" - USGS Fact Sheet 229-96  
Site explains the usage of the term "100-year flood". Includes graphical representations of data related to flooding in Washington state and a glossary of flood terms.
- "Floodplain Management Summary" - FEMA  
Introduces the National Flood Insurance Program (NFIP) and contains useful information pertaining to flood mitigation.
- "Flood Losses" - Hydrologic Information Center, National Weather Service  
Provides statistical data on the monetary damages inflicted on the United States from 1903 to the present. Data available in numerical and graphical forms.
- "Floods - Frequently Requested Products and Services" - NOAA  
List of links that cover floods, flood guidance, and flood terminology.

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To learn more about the flood prediction, visit the following web sites:

- "Stream Gaging and Flood Forecasting" - USGS Fact Sheet 209-05  
Site examines the partnership between the National Weather Service and the USGS to provide accurate flood prediction. Reviews how stream gaging and weather forecasts can be used to predict floods and reduce flooding related damages.

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