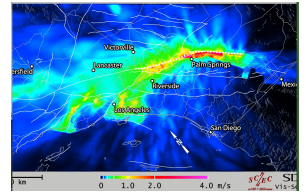


SIO 15 LECTURE 08: VOLCANIC ERUPTION STYLES AND HAZARDS

Leftovers from Lecture 7

Earthquake Hazard Mitigation - Public awareness

<http://www.volcano.si.edu/>

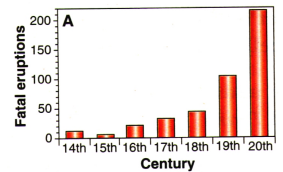


Recent Volcanic Activity

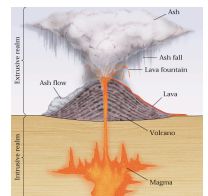
How many Eruptions?



The Death Toll from Volcanoes



How does a Volcano Work?



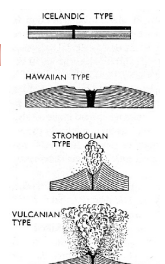
Geysers



Eruption Types and the Volcanic Explosivity Index (VEI)

Icelandic, Hawaiian, Strombolian, Vulcanian, Plinian

watch short Video 8-1



Calderas

Tsunami



Volcanic Material and Hazards

watch short Videos 8-2a,b,c

Lava Flows



Pyroclastic Flows



Volcanic Ash and Ash Clouds



Lahars

watch short Videos 8-2a,b,c

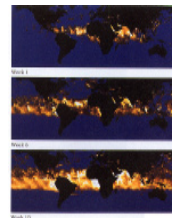


Volcanic Gases

watch short Videos 8-2a,b,c



Large Eruptions and Climate Change



The Great Killers

