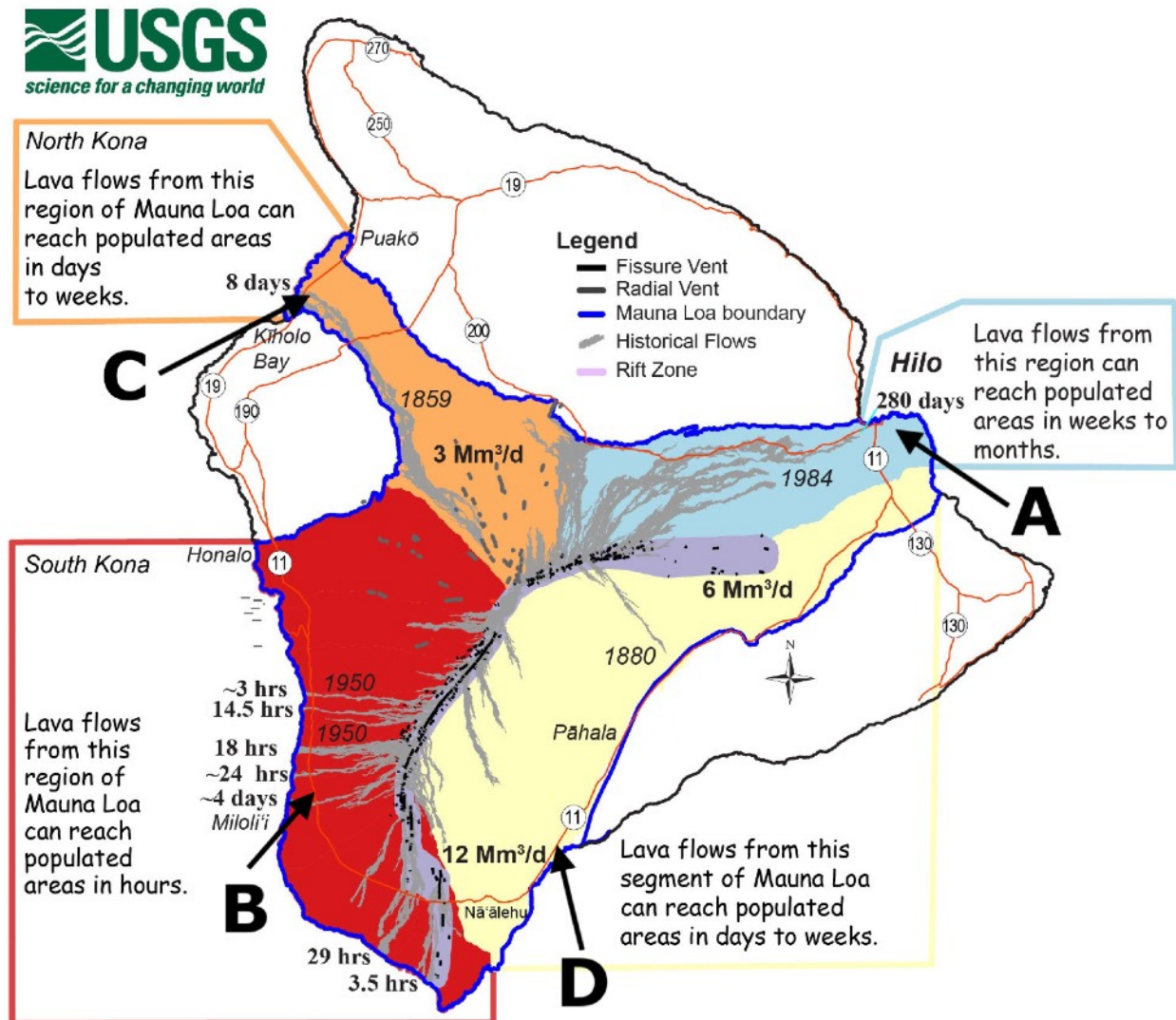


Lava Risk!

Mauna Loa on the Big Island of Hawaii is the Earth's largest active volcano. Because of the chemistry of its magma, Mauna Loa erupts the rock type basalt which flows quickly down its slopes to form a huge shield volcano. It last erupted in April, 1984.

Many people live around the flanks of this huge volcano. The United States Geological Survey (USGS) monitors the volcano to provide residents and visitors with information about the eruption status. You can find the latest update here (<https://www.usgs.gov/volcanoes/mauna-loa/volcano-updates>)

Recently the USGS released this map to help residents to understand the risk posed by lava flows the next time the volcano erupts.



Four areas have been marked on the map:

- A - Hilo**
- B - Ocean View**
- C - Waikola**
- D - Pahala**

Which of the four areas had the most recent risk of being affected by a lava flow?

Which of these areas do you think has the highest risk of being affected by a lava flow from Mauna Loa and why?

If you had to live in one of the colored zones, which location would you chose (mark with an "X") and tell us why?

