2.29 Mag. Quake, Richwood, WV - 2/10/2024

United States Noorby: Places

 Richwood, West Virginal, United States
 Population 1808

 7.6 km (E. 1 mt) S
 Population 1808

 80.7 km (S. 1 mt) S
 Population 1806

 Charleston, West Virginal, United States
 Population 1806

 95.7 km (Si.4 mt) W
 Population 1805

 SC Take 1800, West Virginal, United States
 Population 1804

 10.1 km (Si.2 mt)
 Population 1804

 Clark-door, West Virginal, United States
 Population 1804

 11.1 km (Si.2 mt)
 Population 1805

Fectonic Summary

Earthquakes in the Stable Continental Regio

Natural Occurring Earthquake Activity

Most of North America exist of the Rocky Mountains has infrequent earthquakes. Here and there earthquakes are more numerous, for example in the New Madrid seismic zone centered on southeastern Missouri, in the Charlevolx-Kamourska seismic zone or eastern Quebec, in New England, in the New York - Philadelphia - Wilmington urban corridor, and elsewhere. However, most of the enormous region from the Rockies to the Atlantic can go years without an earthquake large enough to be felt, and several U.5 states have never reported a damaging earthquake.

Early chask as east of the Rospilloy (Mountains, although Jess frequent than in the West, are typically left over a much broader region than earthraid as of minimar rapported earthraids of the Roscies, an earthraids can be left to ver a nare more than ten left and the region of the Roscies and the Ros

Most earthquakes in North America east of the Rockies occur as faulting within bedrock, usually miles deep, Few earthquakes east of the Rockies, however, have been definitely linked to mapped geologic built, in contrast to the situation at plate boundaries upon a call failing a situation of the situation at plate boundaries upon a call failing a situation of the situation at plate boundaries upon a call failing and that is laised, and that is laised, and that failing to produce large future earthquakes. Scientists who study earthquakes and entert laised, and that fails deep future earthquakes. Scientists who study earthquakes of the analysis of the study of the situation and the situation of the study of the situation and the situation of the situation and the situation and the situation of the situation and the situation and the situation of the situation and the situation of the situation and the situation and the situation and the situation and the situation of the situation and the situat

Induced Seismici

As it the case elsewhere in the world, there is evidence that some central and eastern North America earthquakes have been triggered or caused by human activities that have elsered the stress conditions in earth's court sufficiently to induce faulting. Activities that have induced reflex estimates to more geologic environments have included impoundment of water behind dams, injustic on of fluid into the earth's crust, extentation for fluid or gas, and removated of each imministic or quarying operations. In much of seath and central North America, the number of earthquakes suspected of having been induced is much smaller than the number of natural earthquakes, but in some regions, such as the south-central states of the U.S., a significant majority of recent earthquakes thought by many serion serion of the control of the control of the U.S., a significant majority of recent earthquakes thought by many serion serion induced earthquakes, where the control of the U.S., a significant majority of recent earthquakes thought by many serion induced earthquakes, where the control of the unit of the unit

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Responses

Contribute to citizen science.

Please <u>tell us</u> about your experience.

Felt Report - Tell Us!

Citizen Scientist Contributions

Calvin

Craigsville

Cranbery Rue

Richwood

Richwood

Richwood

South Fork Chepty Rue

South Fork

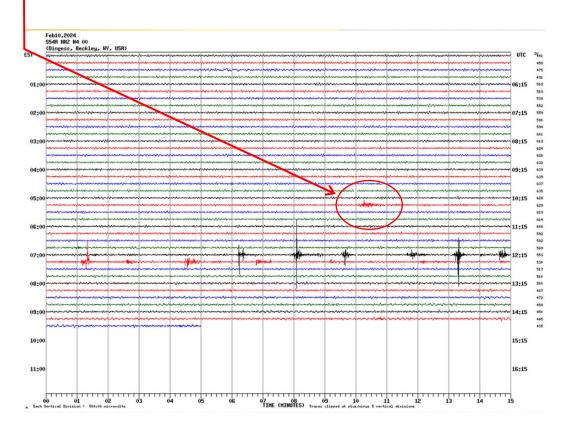
So

Date: 2/10/2024
Time: 12/24 AM (EST)
Ibag: 2/29 Ma.
Depth: 3 g = 1.3 (8.1 Miles)

4706700453

4706700400

NOTE: No mining within 10 miles; two dry gas wells within 5 miles; no disposal wells in the area. Depth of the quake suggests basement fault movement.



Very small (2.29 Mag.), shallow (10 Km) quake. Not reported in WV.