

What are the different states of volcanoes?

One of the simpler ways to answer this is in 3 ways

First an Active volcano is one that has erupted since the last ice age (i.e., in the past ~10,000 years). That is the definition of active volcano.



Second is a dormant volcano would then be one that hasn't erupted in the past 10,000 years, but which is expected to erupt again.



Thirds is an extinct volcano which would be one that nobody expects to ever erupt again.



These are only human definitions of natural things - there have been a number of eruptions from "extinct" volcanoes!