

399 Eruption

HRN words from Glossary of Geology by Bates and Jackson, pages 222-223

Started 13 April 2016 written on my i-Pad

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| 1. G F# F E
The ejection of volcanic materials
Lava, pyroclasts, and volcanic gases
Onto the Earth's surface
Either from a central vent
Or from a fissure
Or a group of fissures | 5. G F# F E
Eruption rain is the rain following a volcanic eruption
Resulting from condensation
Of the eruption's associated steam
Eruptive rock is either solidification of magma
It is either an extrusive or an intrusive rock |
| C. C G D G
Eruptions happen all over the earth
Changing the climate and giving birth
To new mountains reaching to the sky
A stairway to heaven way up high | 6. G F# F E
Volcanic cone is a conical hill
Of lava and/or pyroclastics
Built up around a volcanic vent
Volcanic lightning is lightning
Caused by static in the the ash cloud |
| 2. G F# F E
A cloud of volcanic gases
With ash or other pyroclastic fragments
That forms by volcanic explosion
The ash may fall from it by air-fall deposition
With lightning strikes racing through the ash
The kind of show that does not last | 7. G F# F E
Volcanic gases are volatile mater
Released during a volcanic eruption
Previously dissolved in the magma
90% is volcanic gas is water vapor |
| 3. G F# F E
The eruption column is the initial form
The eruption cloud takes at the time of explosion
At the lower portion of an eruption cloud
It results from the initial ejection velocity
Rather than buoyant rise of the hot gases | 8. G F# F E
Other gases include carbon dioxide
And sulphuric gases
Sulphuric dioxide at high temperatures
Hydrogen sulfide at low temperatures
Also hydrogen chloride |
| 4. G F# F E
The eruption cycle is the sequence of events
That occurs during a volcanic eruption
The regular change in the behavior
Of eruptions in a period of activity | 9. G F# F E
And nitrogen as a free element
Volcanic glass is a natural gas produced
By the cooling of molten lava
Or a liquid fraction of it |