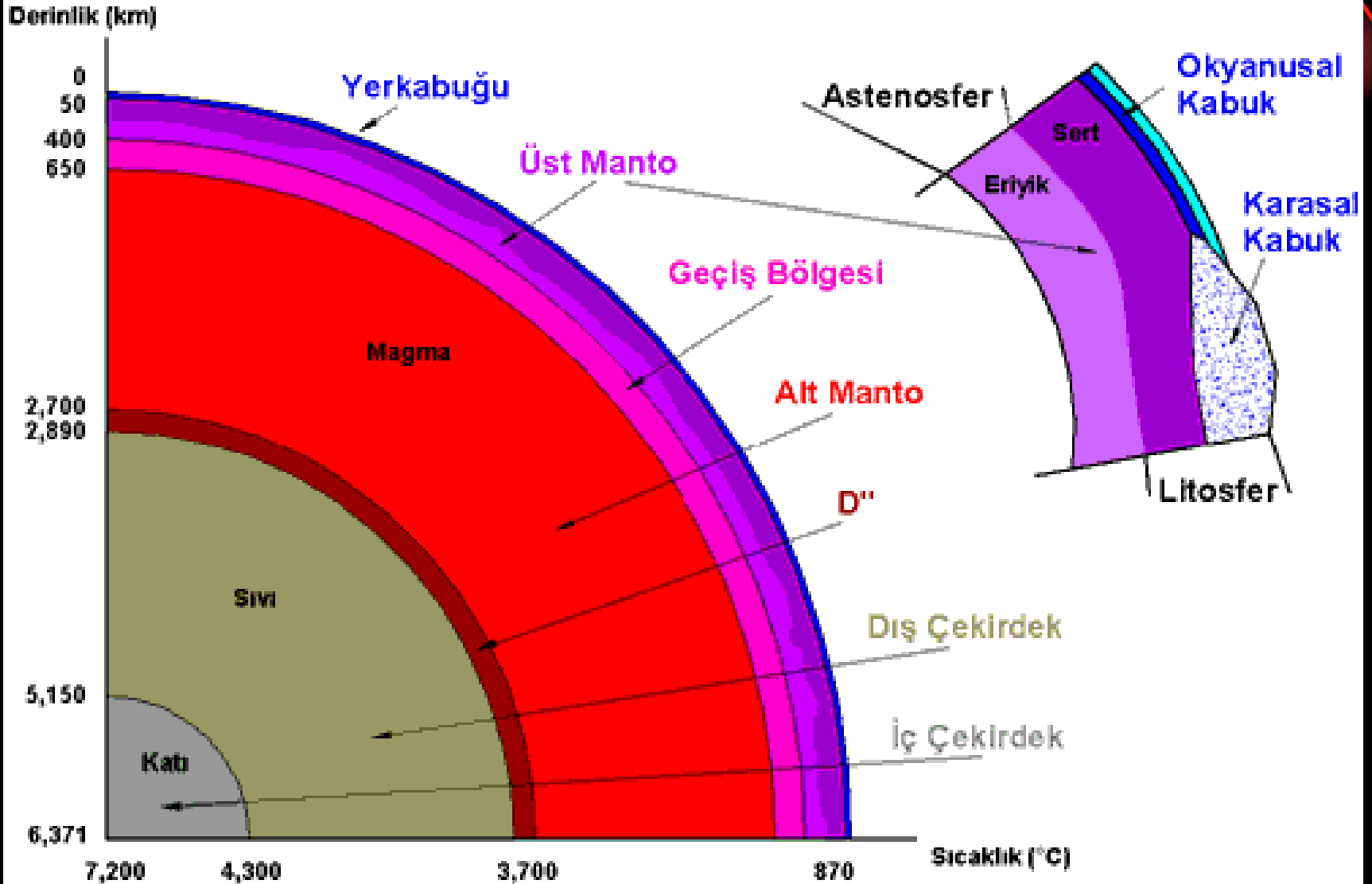
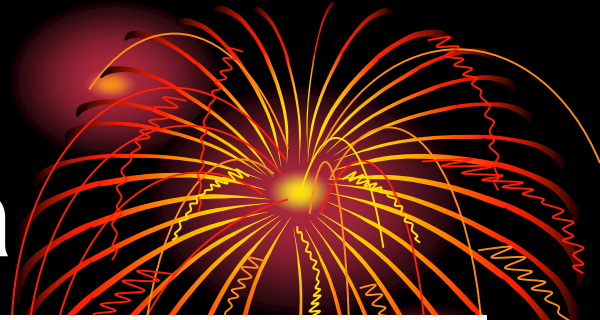


# Volkanizma



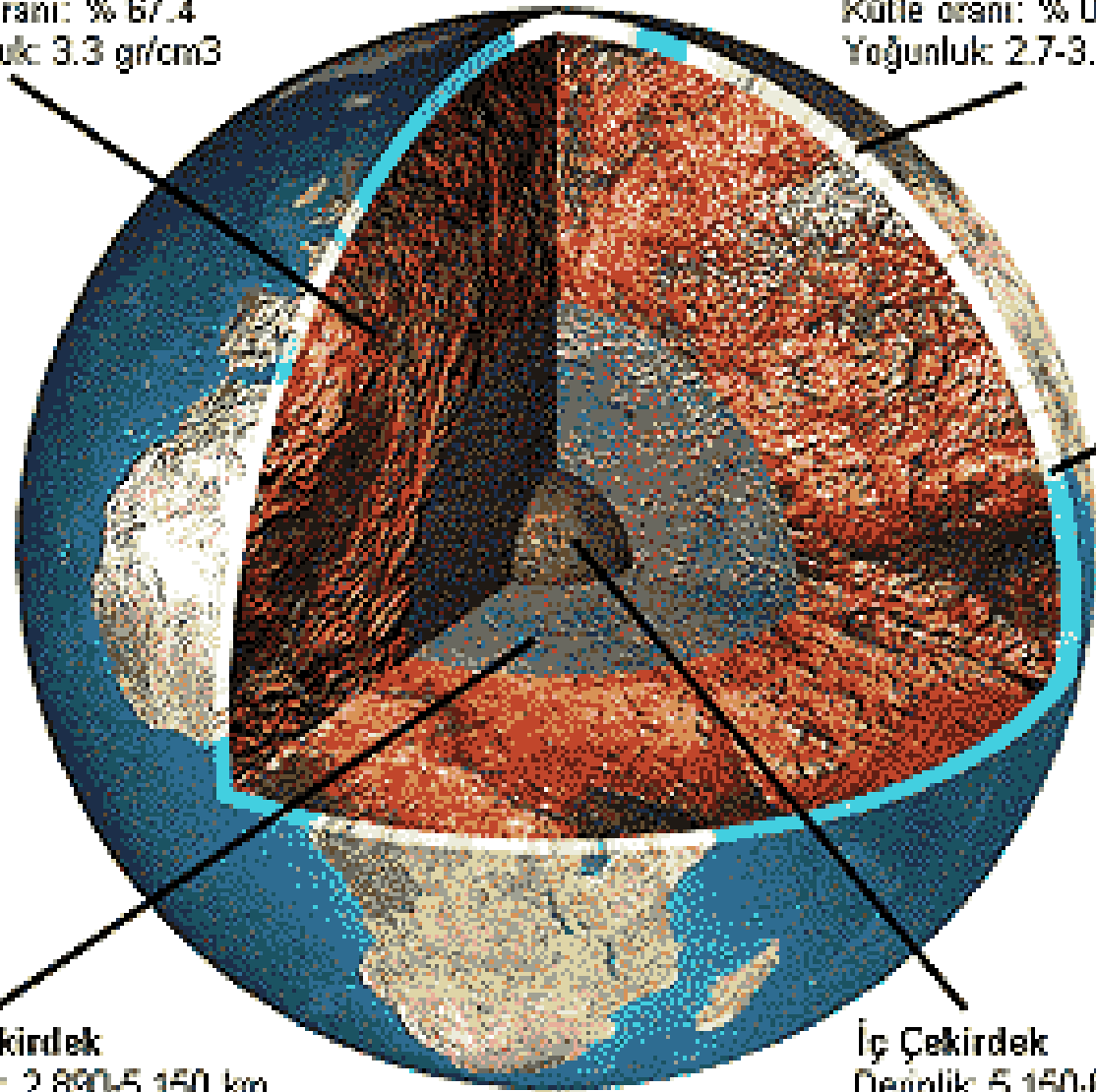
**Manto**  
Derinlik: 7 ile 50-2 890 km  
Kalınlık:  $\geq$  2 840 km.  
Kütle oranı: % 67.4  
Yoğunluk: 3.3 gr/cm<sup>3</sup>

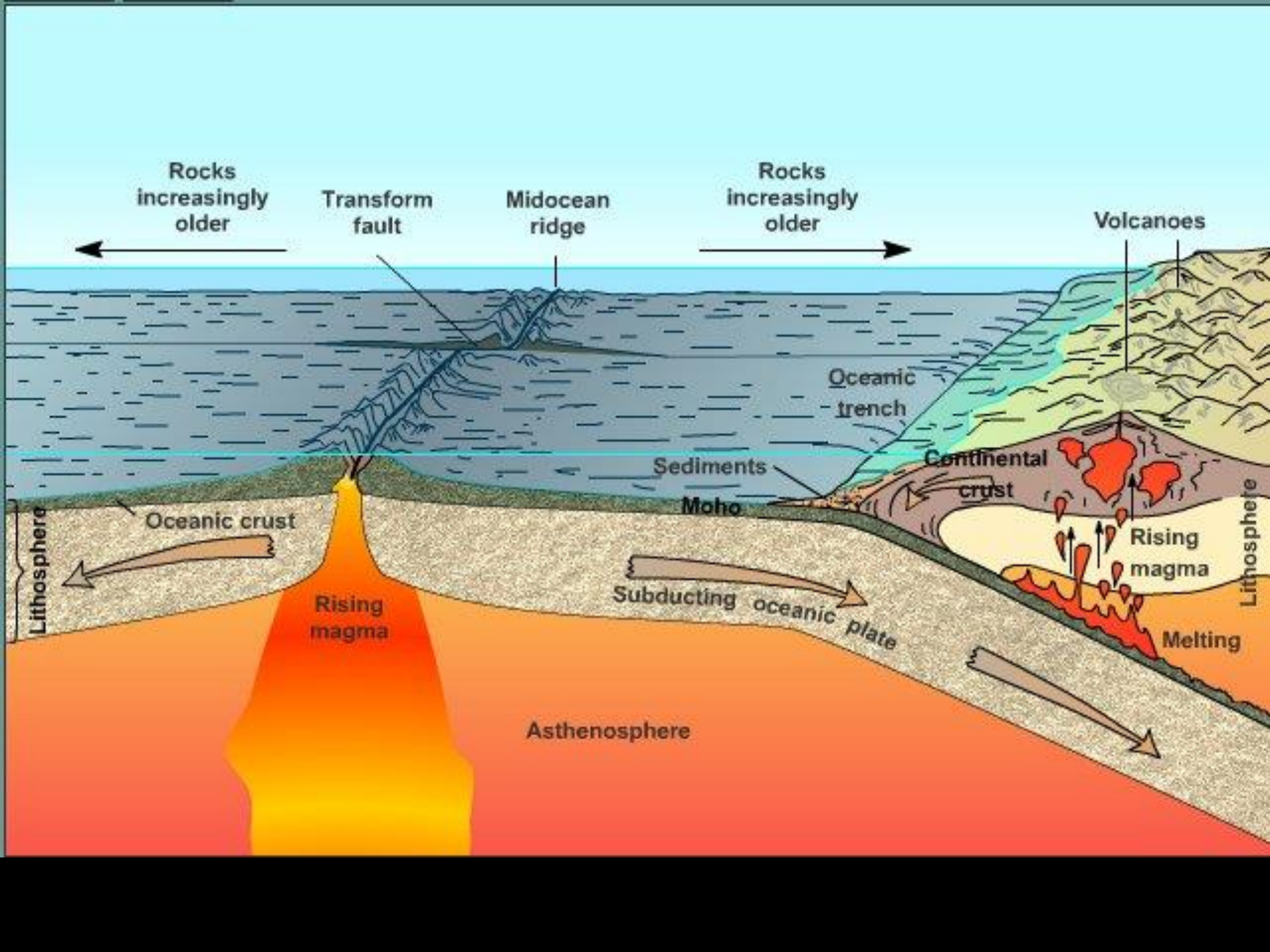
**Yerkabuğu**  
Derinlik: 0-7 ile 50 km  
Kalınlık:  $\leq$  50 km.  
Kütle oranı: % 0.4  
Yoğunluk: 2.7-3.0 gr/cm<sup>3</sup>

Okyanusta kabuk=7 km  
Kıtalarda kabuk=30-50 km  
Litosfer  
Kabuk  
En Üst Manto  
Astenosfer

**Dış Çekirdek**  
Derinlik: 2 890-5 150 km  
Kalınlık: 2 260 km.  
Kütle oranı: % 30.6  
Yoğunluk: 10.8 gr/cm<sup>3</sup>

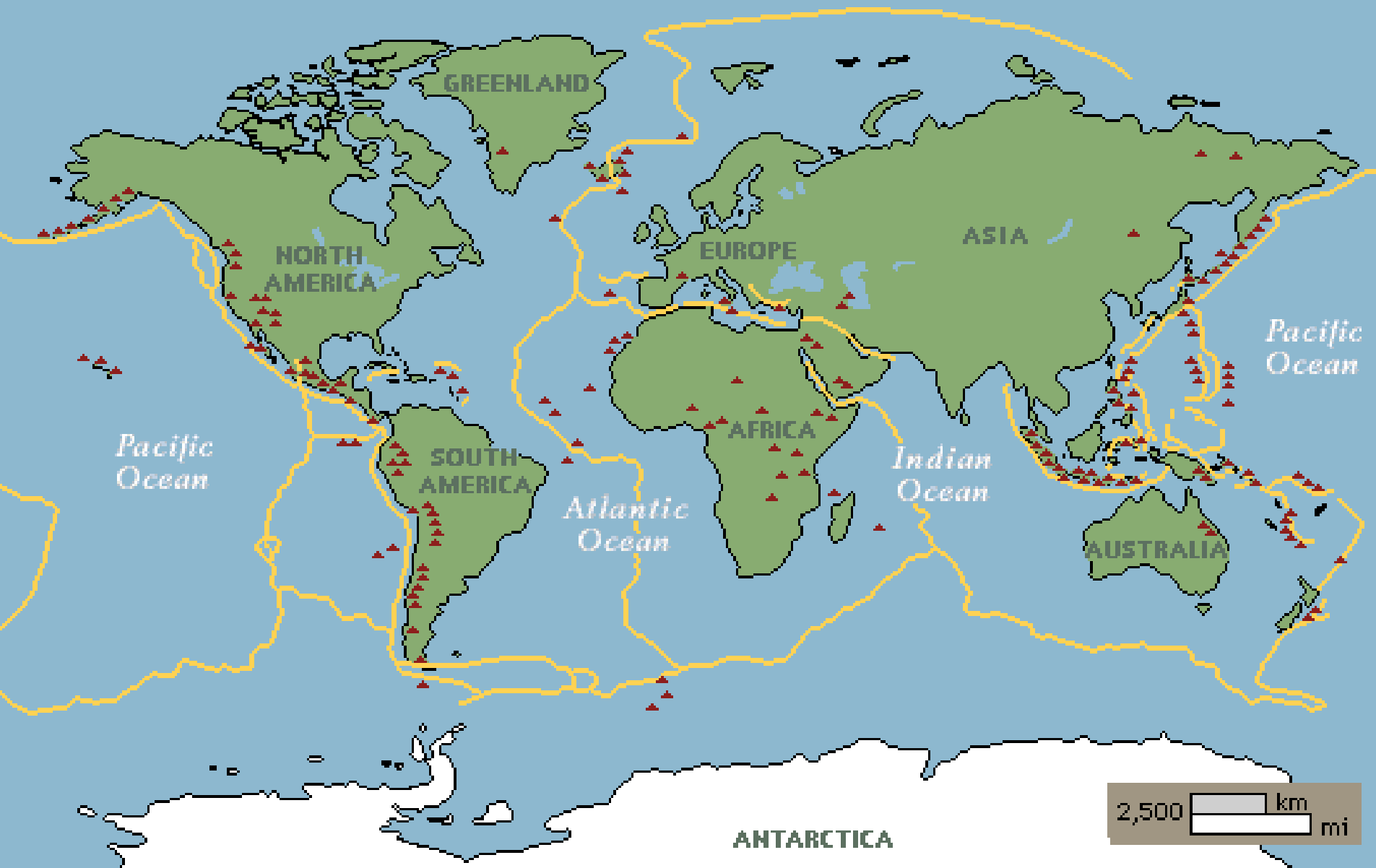
**İç Çekirdek**  
Derinlik: 5 150-6 371 km  
Kalınlık: 1 221 km.  
Kütle oranı: % 1.6  
Yoğunluk: 13.4 gr/cm<sup>3</sup>





Arctic Ocean

Arctic Ocean



Pacific Ocean

Pacific Ocean

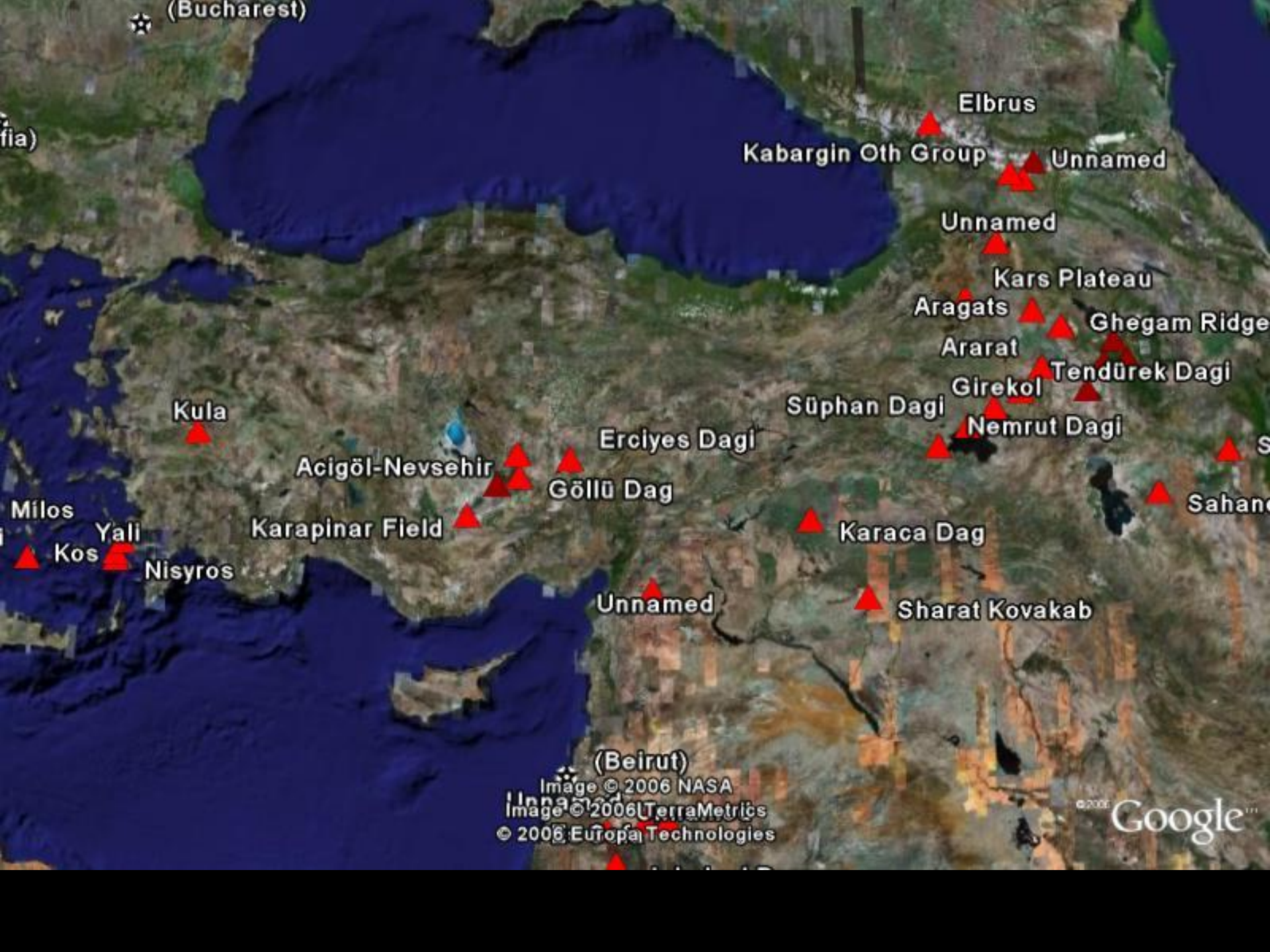
Atlantic Ocean

Indian Ocean

2,500 km  
1,500 mi

Yellow line: Tectonic plate boundaries    Red triangle: Active volcanoes





(Bucharest)

(fia)

Elbrus

Kabargin Oth Group

Unnamed

Unnamed

Kars Plateau

Aragats

Ghegam Ridge

Ararat

Tendürek Dagi

Girekol

Süphan Dagi

Nemrut Dagi

Kula

Erciyes Dagi

Acigöl-Nevsehir

Göllü Dag

Sahand

Milos

Yali

Karapinar Field

Karaca Dag

Kos

Nisyros

Unnamed

Sharat Kovakab

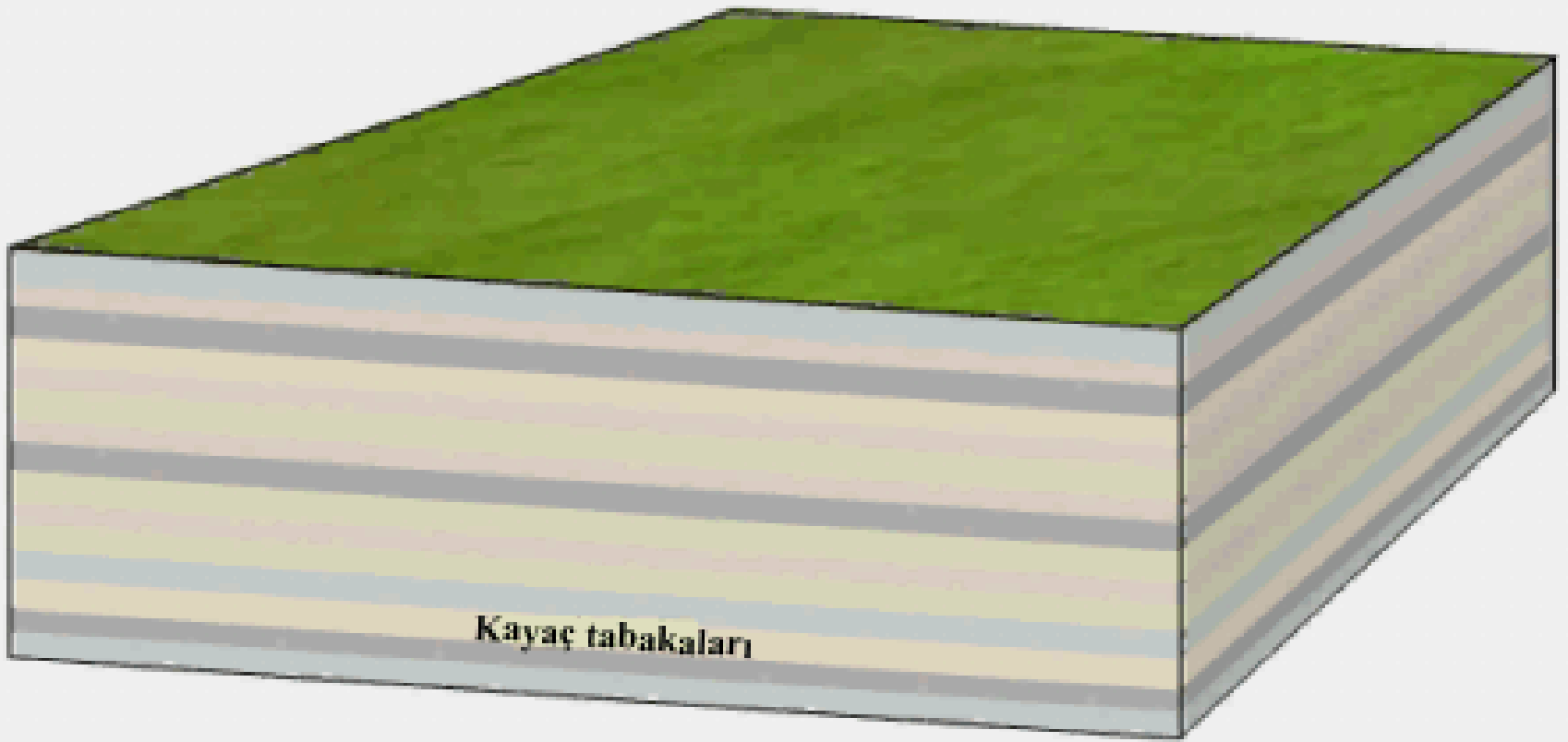
(Beirut)

Image © 2006 NASA

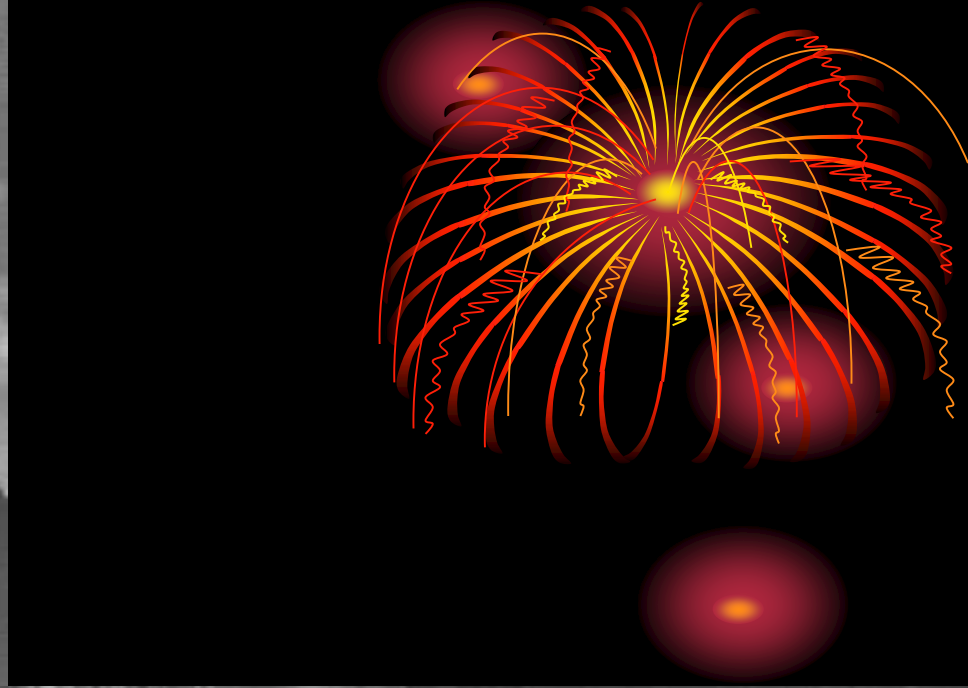
Image © 2006 TerraMetrics

© 2006 Europa Technologies

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**Kayaç tabakaları**



**Paricutin,  
Meksika 1947**

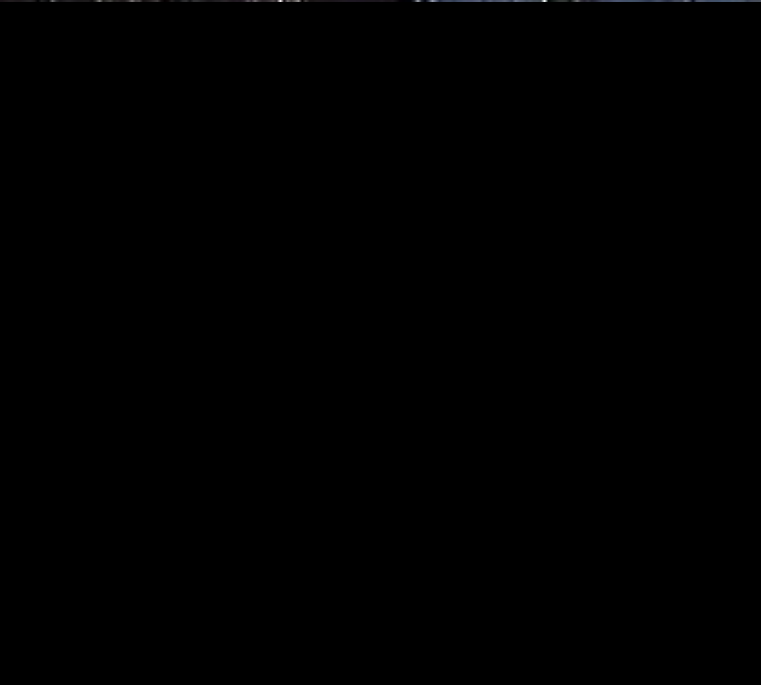
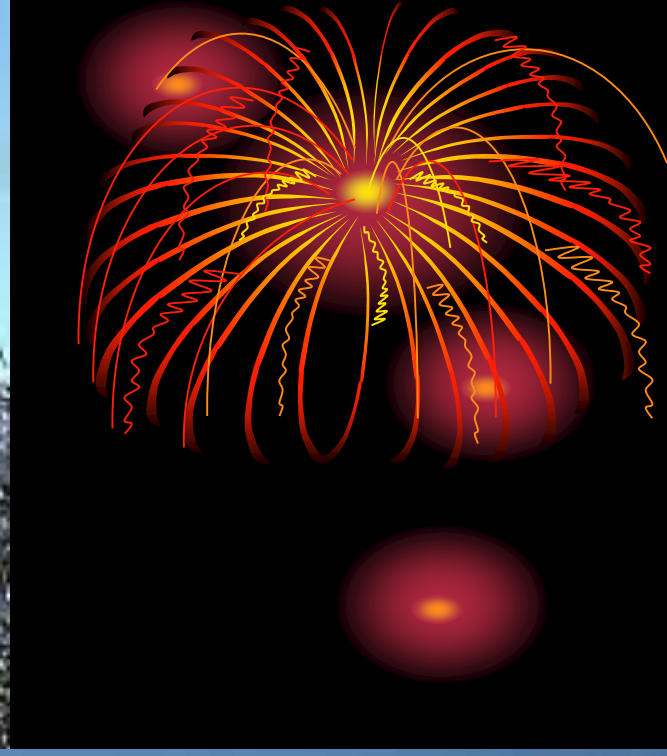


**St. Helens, ABD, 1980**



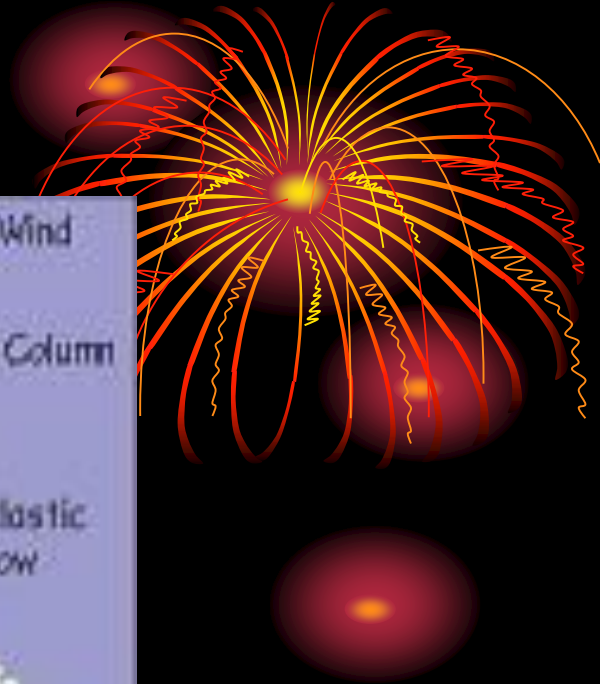
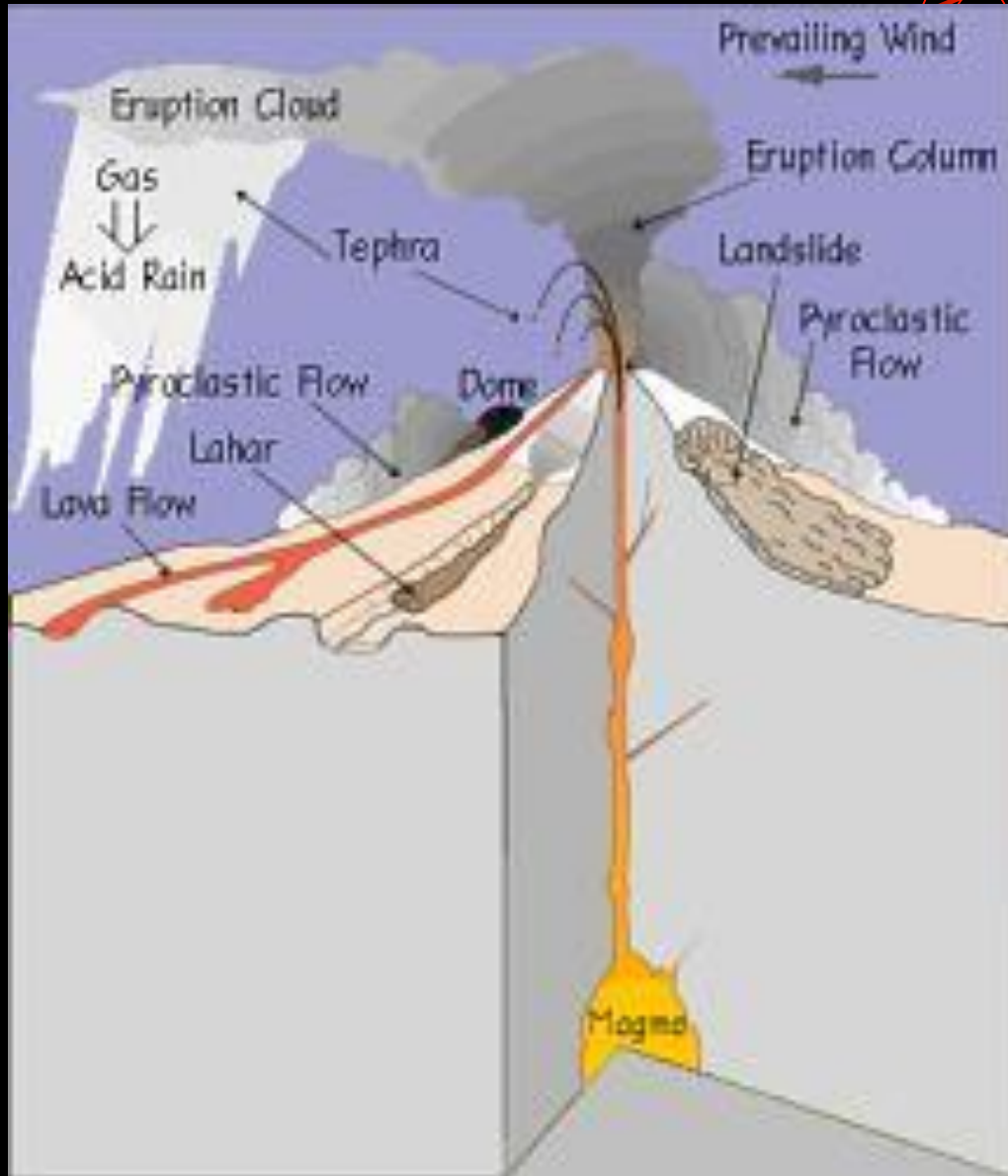


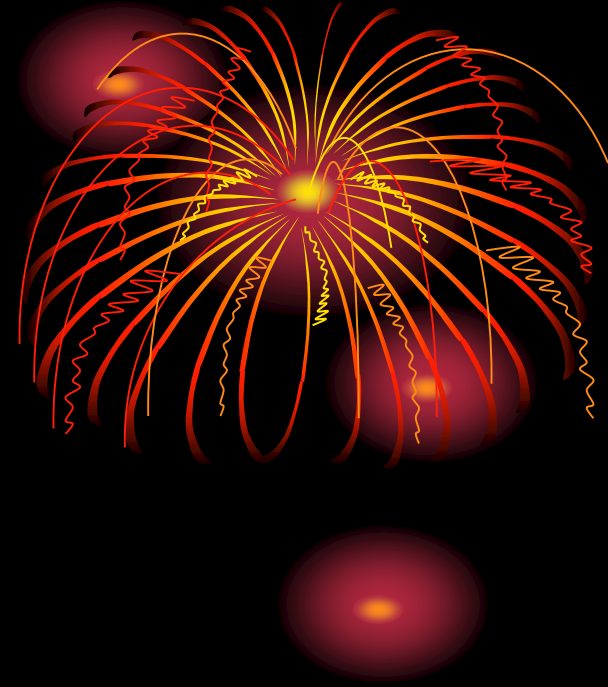
**St. Helens (patlamadan önce)**



**St. Helens (patlamadan sonra)**





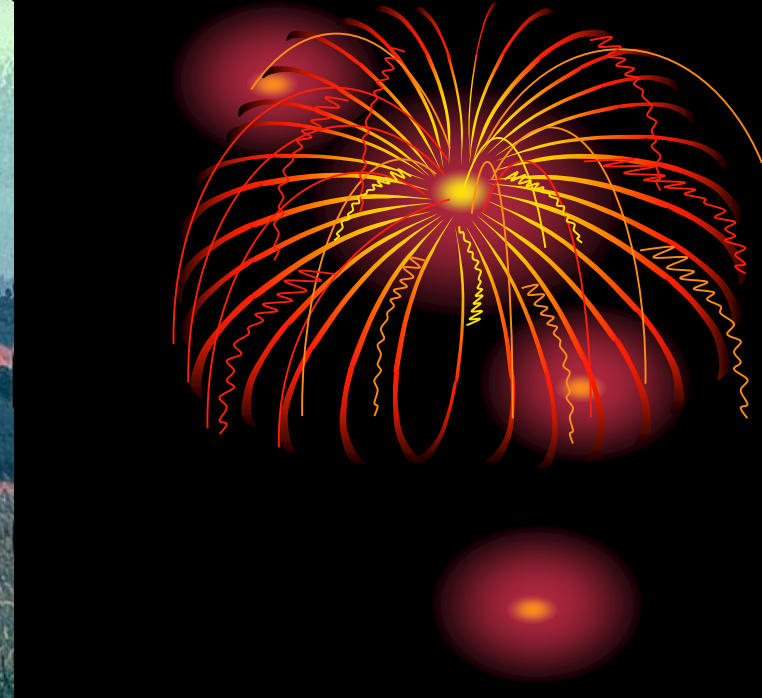


**Nyiragongo Dağı/ Afrika**





**Lav akışı/Kilauea /Havai**



**Piroklastik akıntı/Mayon/ Filipinler**





**Laharın tahrip ettiđi bir ev**





**Lav akıntısının yol açtığı tahribat**





**ETNA/Sicilya**