The PLATES 2005
Atlas of Plate Reconstructions
(750 Ma to Present Day)

By

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540 Ma
Nemakitian-Daldynian (Early Cambrian)

PLATES/UTIG
February 2006
520 Ma
Lenian (Early Cambrian)
480 Ma
Arenigian (Early Ordovician)
470 Ma
Late Arenigian/Early Llanvirnian (Early/Middle Ordovician)
460 Ma
Llandeilan (Middle Ordovician)

PLATES/UTIG
February 2006
440 Ma
Early Llandoveryan (Early Silurian)
430 Ma
Late Llandoveryan (Early Silurian)

PLATES/UTIG
February 2006
410 Ma
Early Praghian (Early Devonian)
400 Ma
Late Praghian/Early Emsian (Early Devonian)
390 Ma
Early Eifelian (Early Devonian)

PLATES/UTIG
February 2006
380 Ma
Late Eifelian/Early Givetian (Middle Devonian)
350 Ma
Tournaisian (Mississippian)
340 Ma
Early Visean (Mississippian)

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February 2006
330 Ma
Visean (Mississippian)

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February 2006
300 Ma
Kasimovian (Pennsylvanian)

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February 2006
290 Ma
Late Gzelian/Early Asselian (Pennsylvanian/Permian)

PLATES/UTIG
February 2006
280 Ma
Early Sakmarian (Early Permian)

PLATES/UTIG
February 2006
270 Ma
Late Sakmarian (Early Permian)

PLATES/UTIG
February 2006
250 Ma
Tatarian (Late Permian)

PLATES/UTIG
February 2006
240 Ma
Anisian (Middle Triassic)

PLATES/UTIG
February 2006
230 Ma
Ladinian (Middle Triassic)
220 Ma
Early Norian (Late Triassic)
210 Ma
Late Norian (Late Triassic)
200 Ma
Sinemurian (Early Jurassic)

PLATES/UTIG
February 2006
190 Ma
Pliensbachian (Early Jurassic)
160 Ma
Callovian (Middle Jurassic)
150 Ma
Volgian (Late Jurassic)

PLATES/UTIG
February 2006
140 Ma
Ryazanian (Early Cretaceous)
130 Ma  
Hauterivian (Early Cretaceous)
120 Ma
Aptian (Early Cretaceous)
100 Ma
Late Albian (Early Cretaceous)

PLATES/UTIG
February 2006
090 Ma
Turonian (Late Cretaceous)

PLATES/UTIG
February 2006
080 Ma
Campanian (Late Cretaceous)

PLATES/UTIG
February 2006
070 Ma Maastrichtian (Late Cretaceous)
050 Ma
Early Eocene

PLATES/UTIG
February 2006
030 Ma
Early Oligocene

PLATES/UTIG
February 2006
000 Ma
Present Day

PLATES/UTIG
February 2006
750 Ma
Late Proterozoic
700 Ma
Late Proterozoic
600 Ma
Late Proterozoic
540 Ma
Nemakitian-Daldynian (Early Cambrian)
510 Ma
Middle Cambrian
480 Ma
Arenigian (Early Ordovician)
450 Ma
Caradocian (Late Ordovician)
420 Ma
Ludlovian (Late Silurian)
390 Ma
Early Eifelian (Early Devonian)
360 Ma
Famennian (Late Devonian)
Visean (Mississippian)

330 Ma
300 Ma

Kasimovian (Pennsylvanian)
Late Sakmarian (Early Permian)

270 Ma
240 Ma
Anisian (Middle Triassic)
Aalenian (Middle Jurassic)
North Pole

180°

0°

South Pole

150 Ma

Volgian (Late Jurassic)
120 Ma

Aptian (Early Cretaceous)
090 Ma

Turonian (Late Cretaceous)
030 Ma
Early Oligocene
North Pole

180°

0°

South Pole

0°

180°

000 Ma

Present Day

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