



Atlas of Silurian and Middle-Late Ordovician Paleogeographic Maps

Atlas of Silurian and Middle-Late Ordovician Paleogeographic Maps

This Atlas of Silurian and Middle-Late Ordovician Paleogeographic Maps shows the changing paleogeography from the Middle Ordovician (Darwillian, 464.5 Ma) to the Late Silurian (Ludlow & Prodoli, 419.5 Ma). The maps are from volume 5 of the PALEOMAP PaleoAtlas for ArcGIS (Scotese, 2014). Absolute age assignments are from Gradstein, Ogg & Smith (2008).

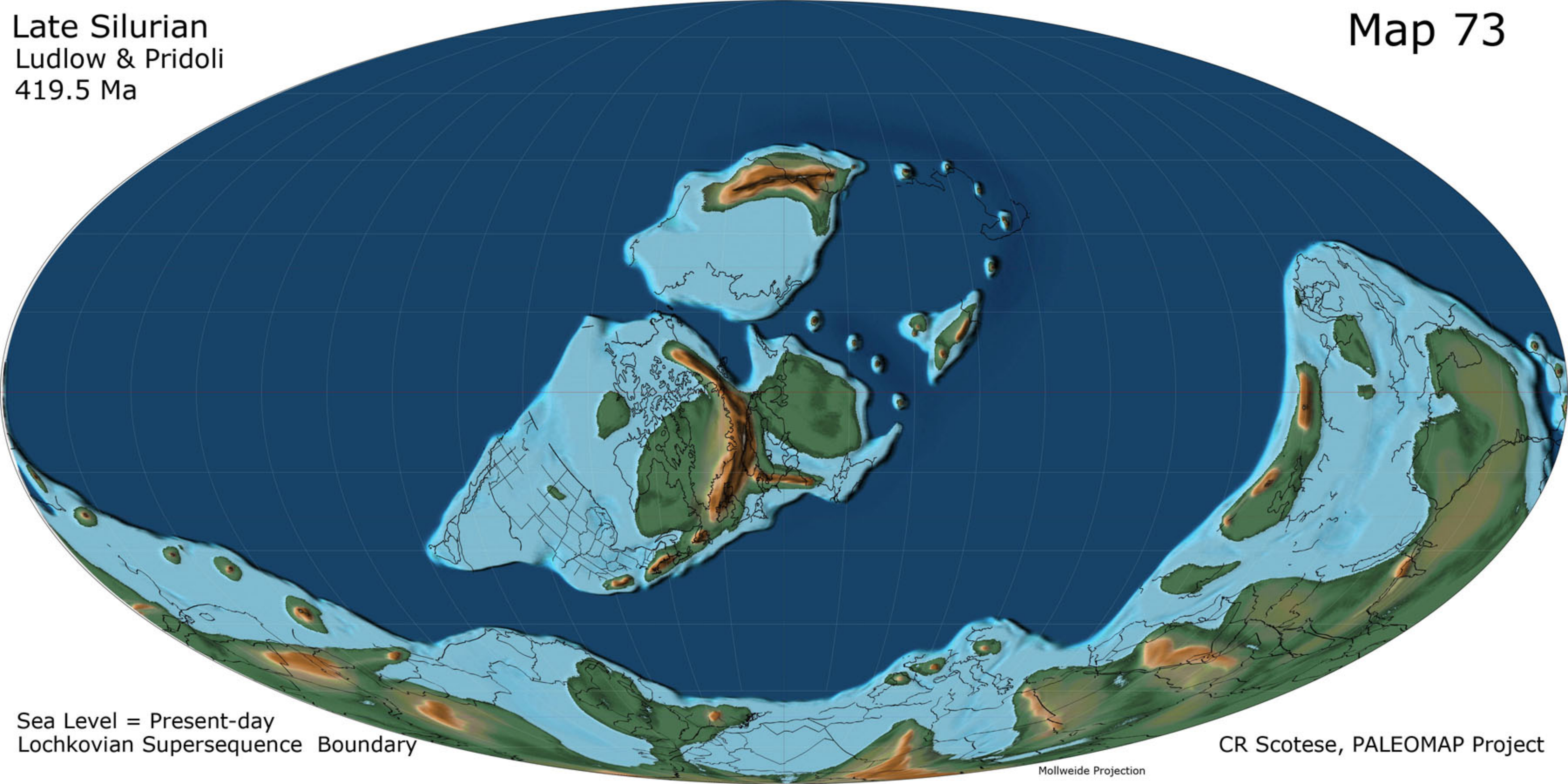
The following maps are included in the Atlas of Silurian and Middle-Late Ordovician Paleogeographic Maps:

- Map 73 Late Silurian (Ludlow & Pridoli, 419.5 Ma) Lochkovian Supersequence Boundary
- Map 74 Middle Silurian (Wenlock, 425.6 Ma) Highstand System Tract
- Map 75 Early Silurian (late Llandovery, 432.1 Ma) Maximum Flooding Surface
- Map 76 Early Silurian (early Llandovery, 439.8 Ma) Transgressive Systems Tract
- Map 77 Late Ordovician (Hirnantian, 444.7 Ma) Llandoveryan Supersequence Boundary
- Map 78 Late Ordovician (Ashgill, 448.3 Ma) Lowstand Systems Tract & Maximum Flooding Surface
- Map 79 Late Ordovician (Caradoc, 456 Ma) Maximum Flooding Surface
- Map 80 Middle Ordovician (Darwillian, 464.5 Ma) Llandeilian Supersequence Boundary

This work should be cited as
Scotese, C.R., 2014. Atlas of Silurian and Middle-Late Ordovician Paleogeographic Maps (Mollweide Projection), Maps 73 – 80, Volumes 5, The Early Paleozoic, PALEOMAP Atlas for ArcGIS, PALEOMAP Project, Evanston, IL.

Late Silurian
Ludlow & Pridoli
419.5 Ma

Map 73



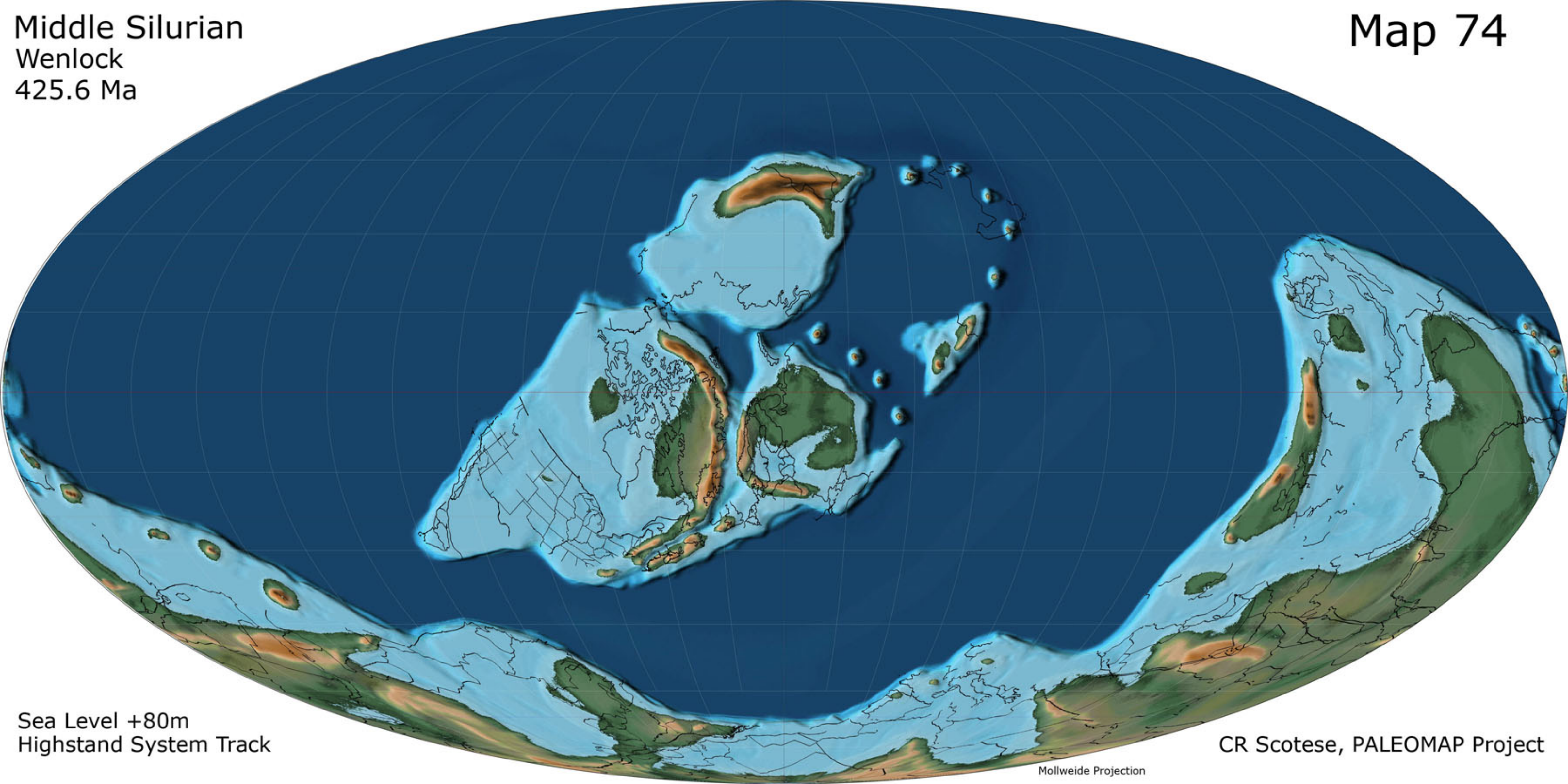
Sea Level = Present-day
Lochkovian Supersequence Boundary

CR Scotese, PALEOMAP Project

Mollweide Projection

Middle Silurian
Wenlock
425.6 Ma

Map 74



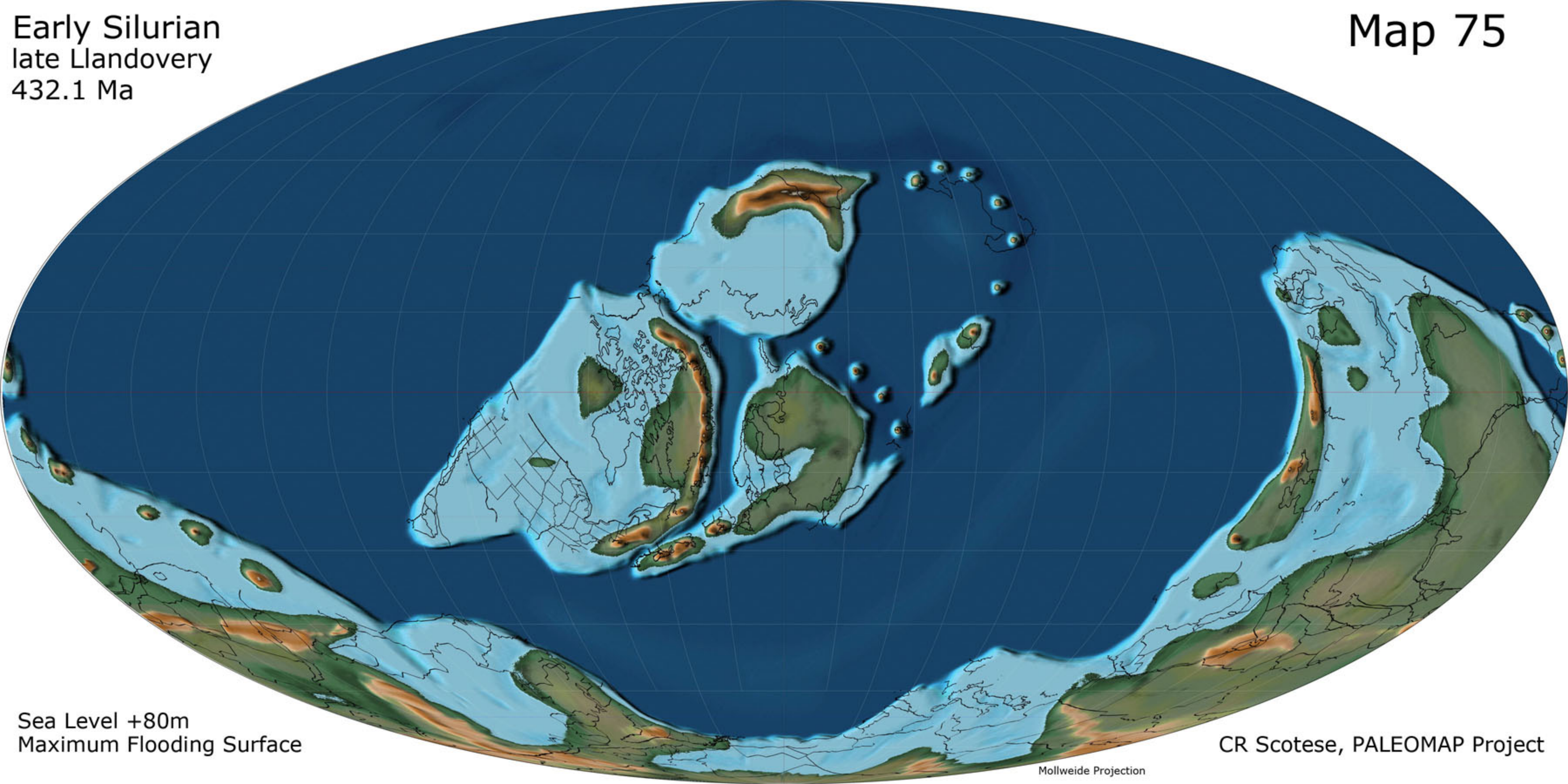
Sea Level +80m
Highstand System Track

CR Scotese, PALEOMAP Project

Mollweide Projection

Early Silurian
late Llandovery
432.1 Ma

Map 75



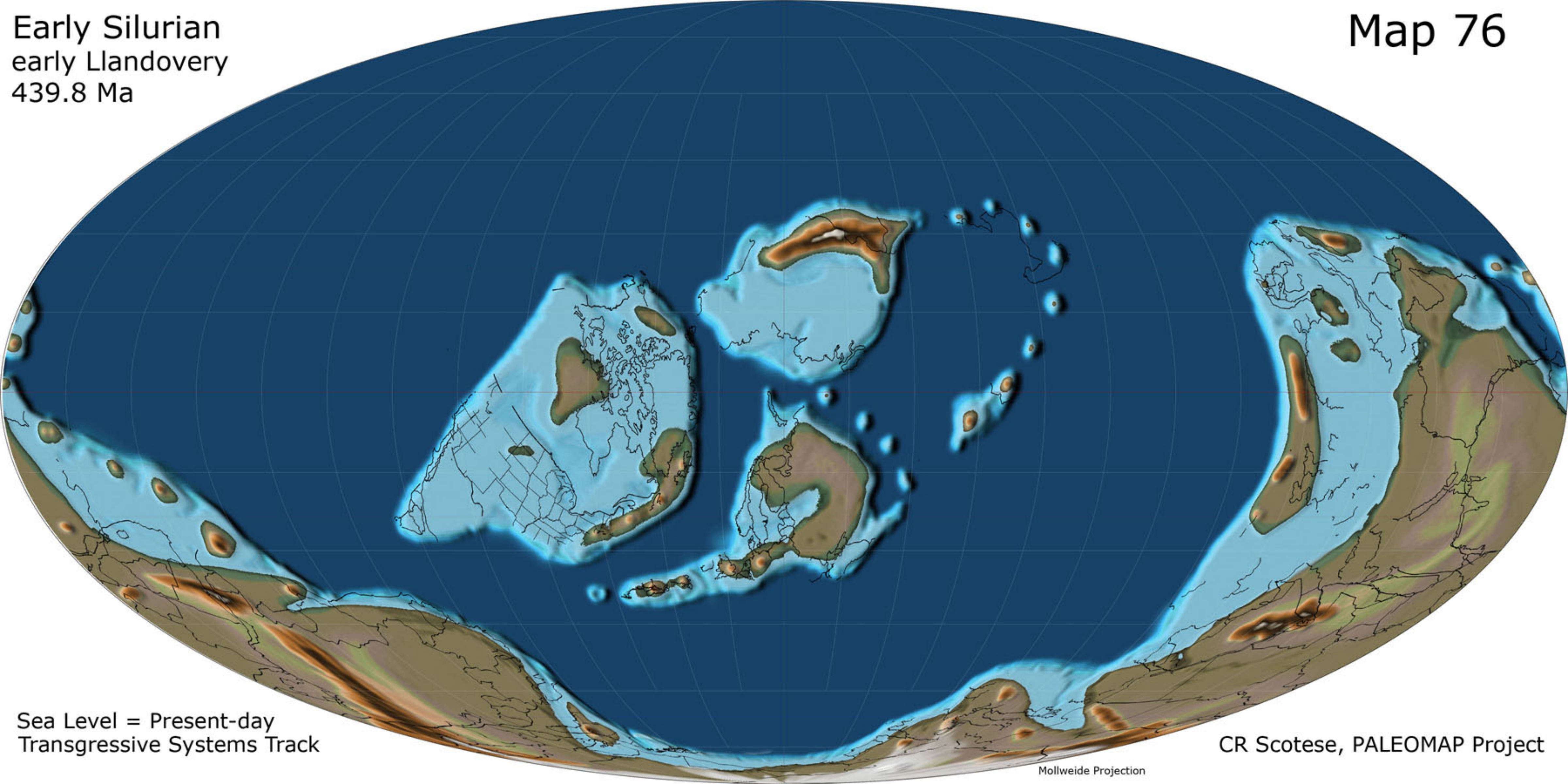
Sea Level +80m
Maximum Flooding Surface

CR Scotese, PALEOMAP Project

Mollweide Projection

Early Silurian
early Llandovery
439.8 Ma

Map 76



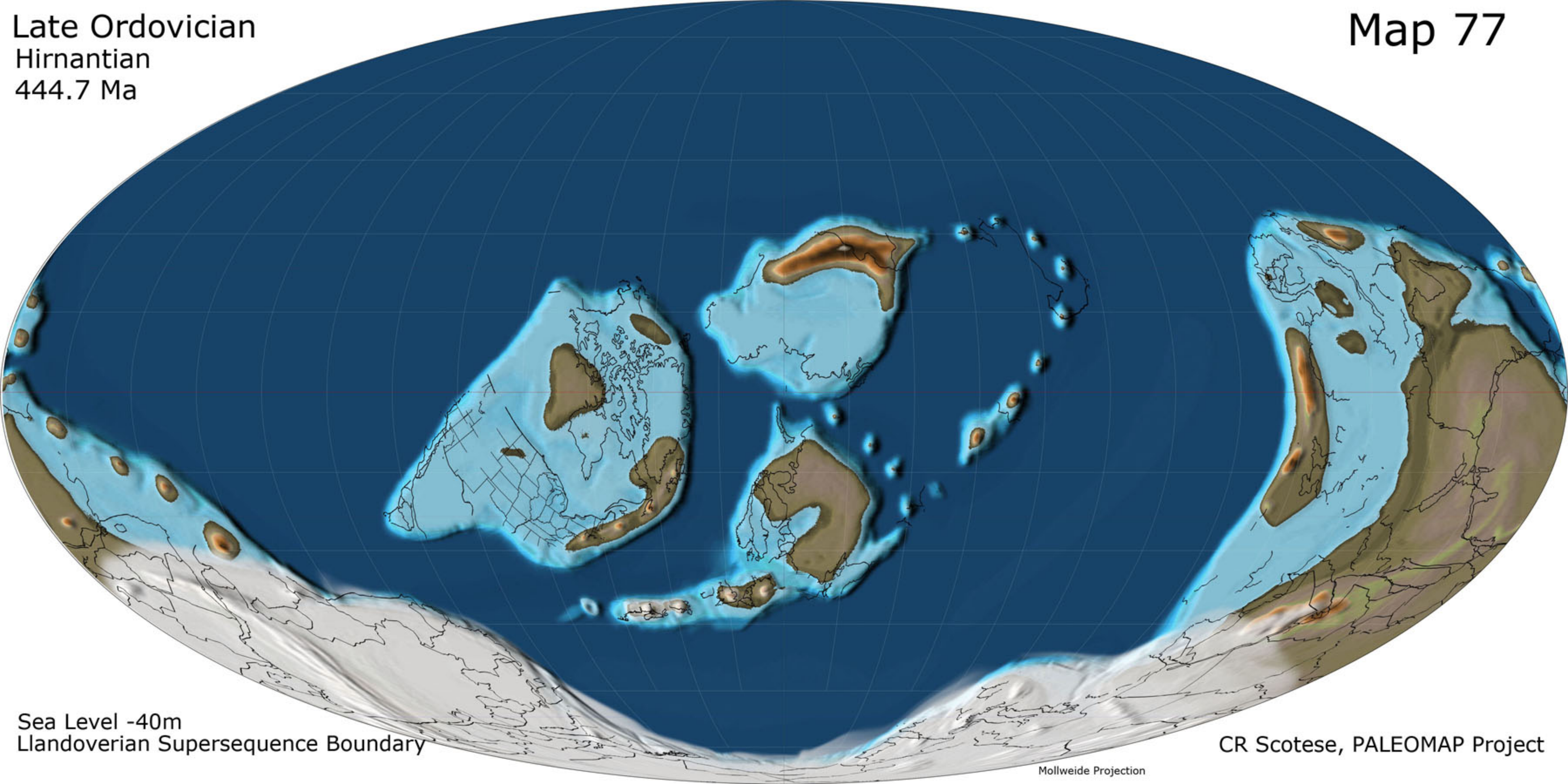
Sea Level = Present-day
Transgressive Systems Track

CR Scotese, PALEOMAP Project

Mollweide Projection

Late Ordovician
Hirnantian
444.7 Ma

Map 77



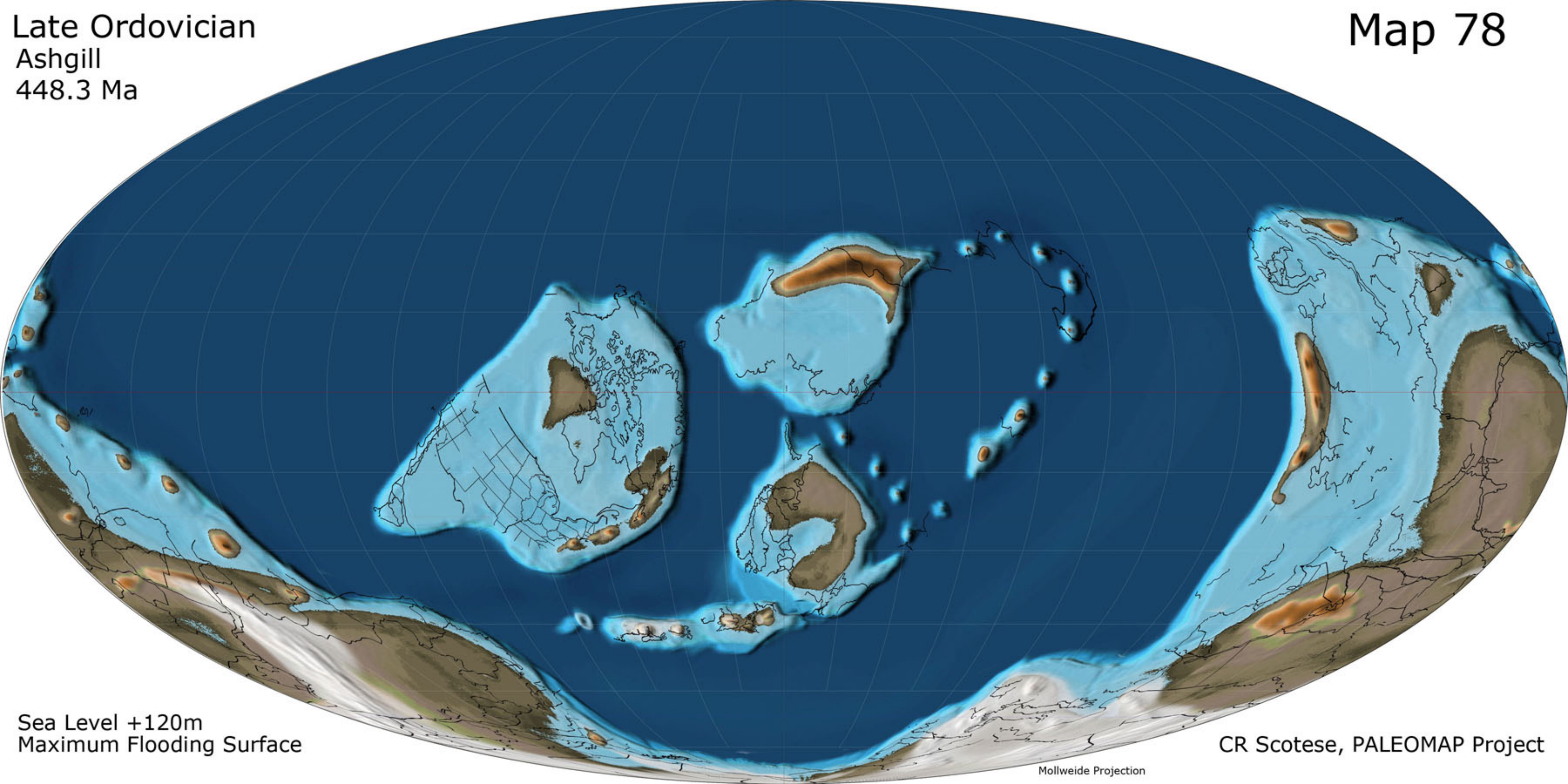
Sea Level -40m
Llandoveryan Supersequence Boundary

CR Scotese, PALEOMAP Project

Mollweide Projection

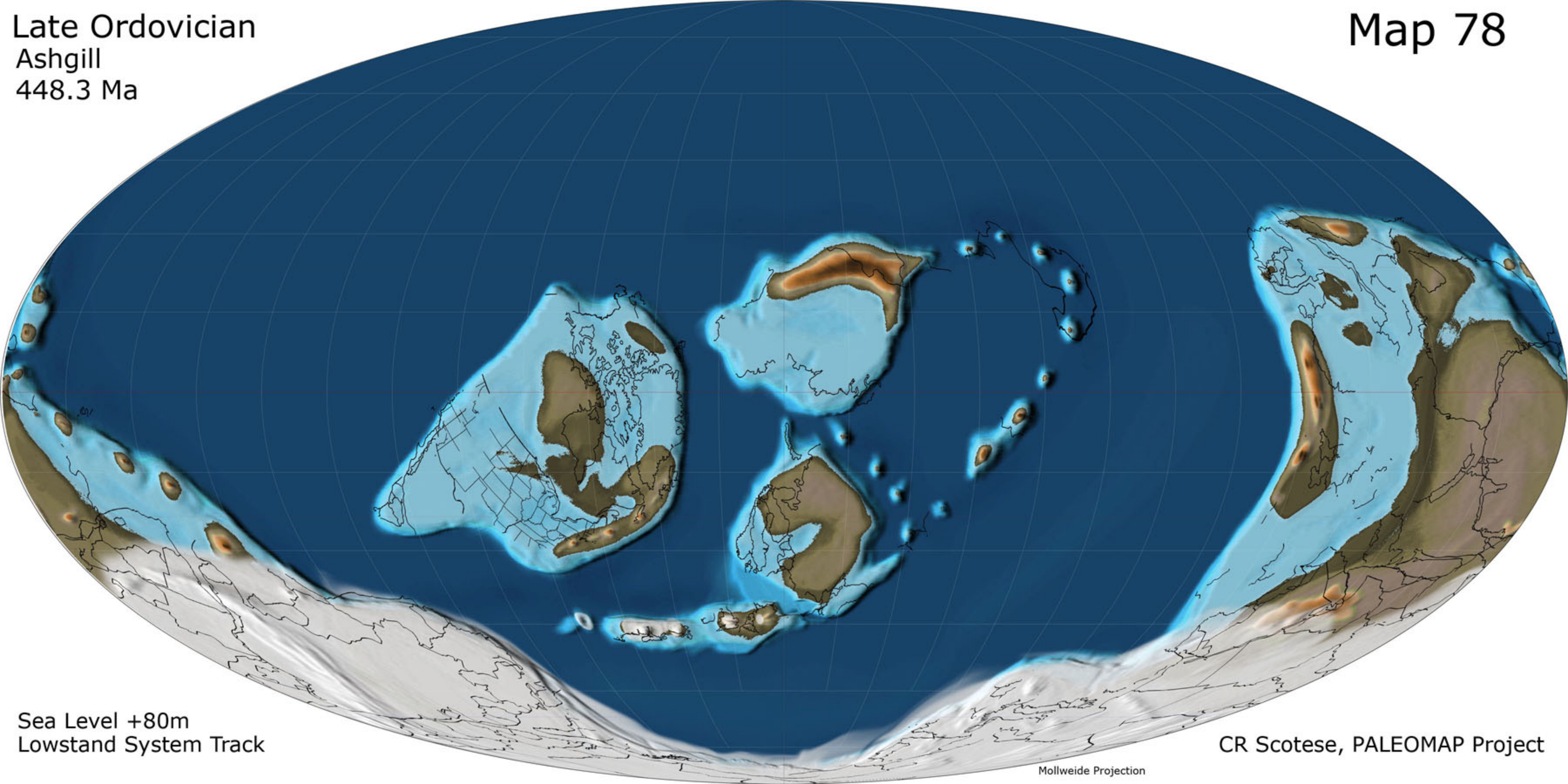
Late Ordovician
Ashgill
448.3 Ma

Map 78



Late Ordovician
Ashgill
448.3 Ma

Map 78



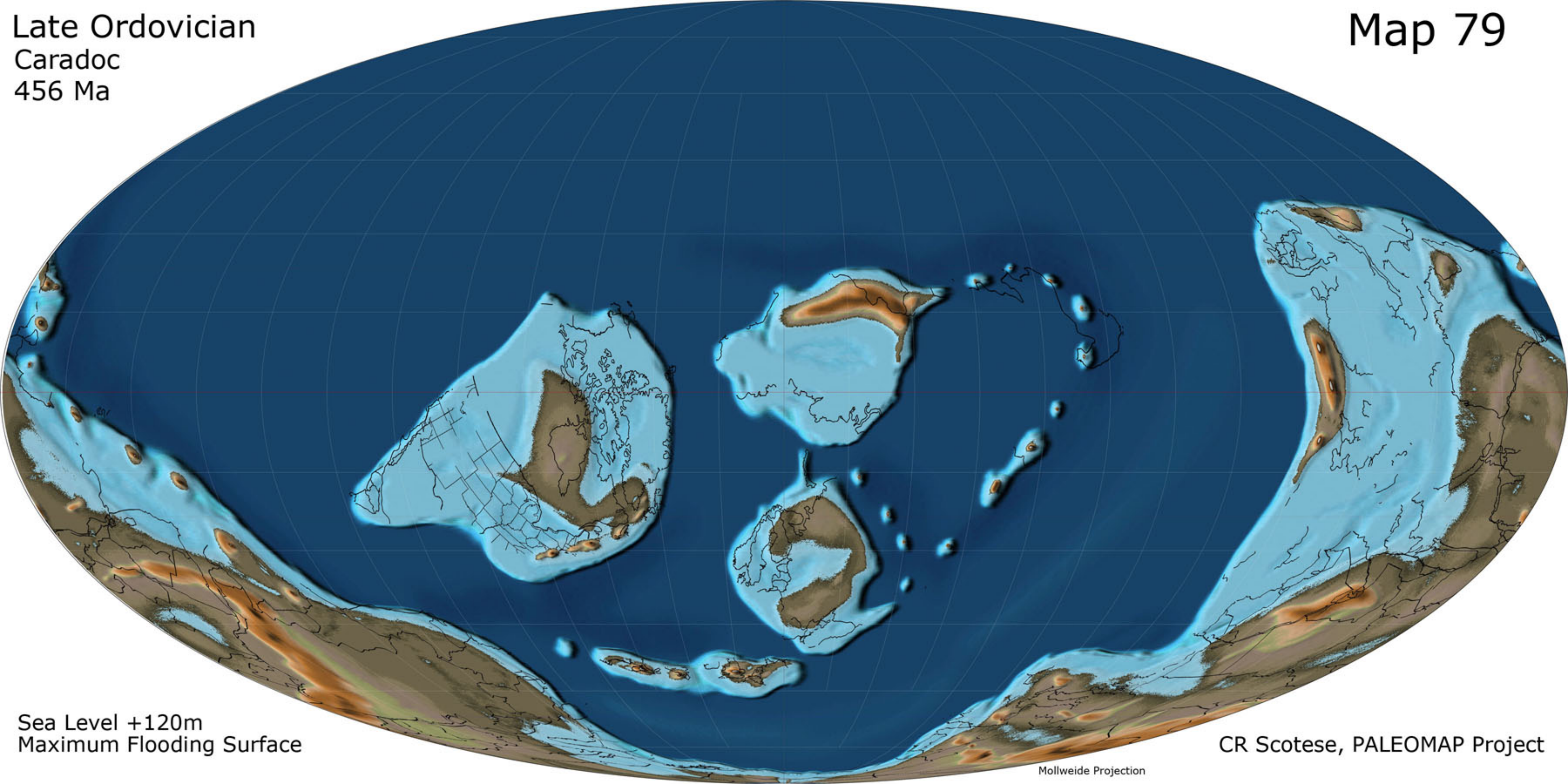
Sea Level +80m
Lowstand System Track

CR Scotese, PALEOMAP Project

Mollweide Projection

Late Ordovician
Caradoc
456 Ma

Map 79



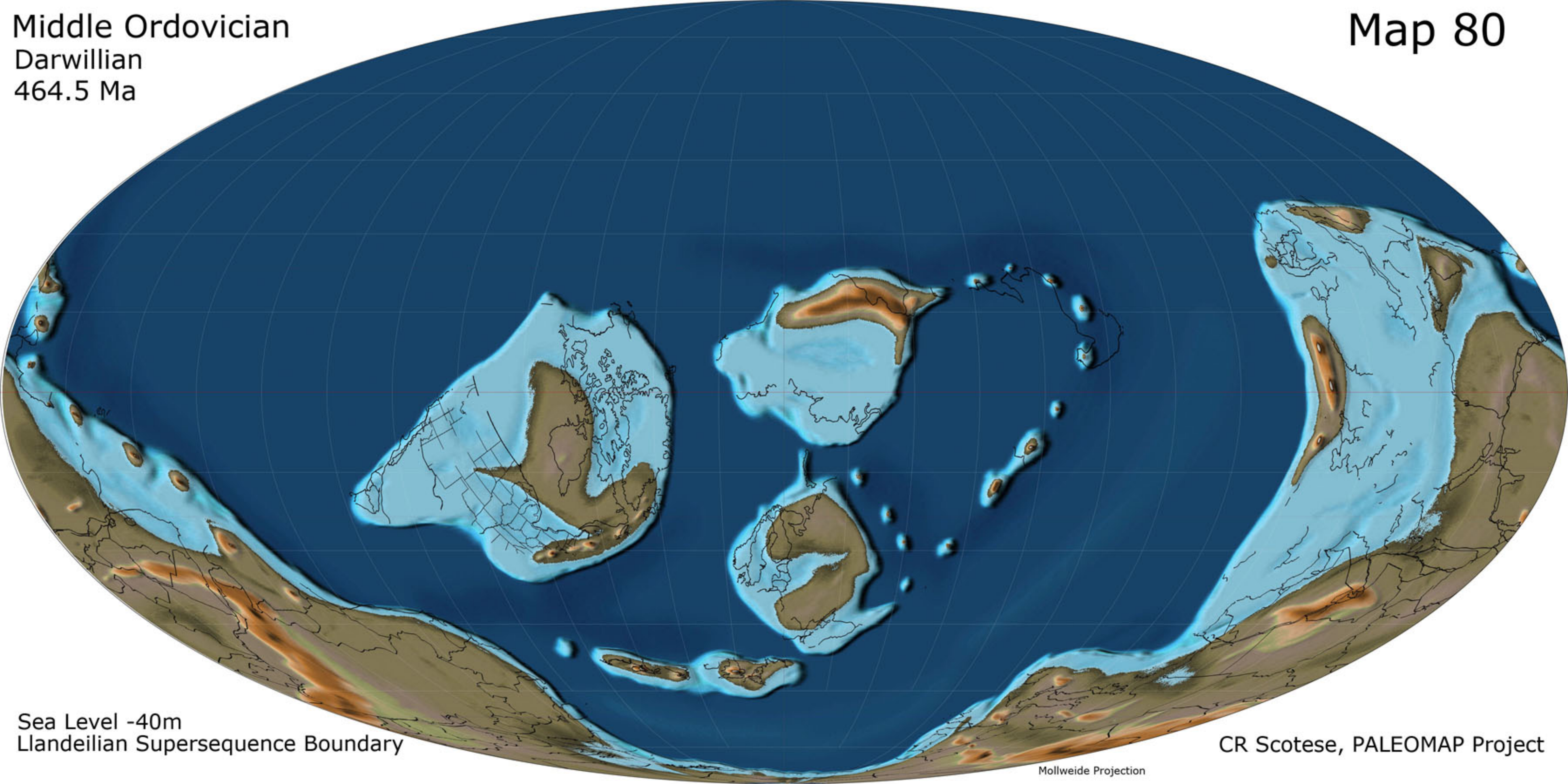
Sea Level +120m
Maximum Flooding Surface

CR Scotese, PALEOMAP Project

Mollweide Projection

Middle Ordovician
Darwillian
464.5 Ma

Map 80



Sea Level -40m
Llandeilian Supersequence Boundary

CR Scotese, PALEOMAP Project

Mollweide Projection