

Atlas of Cambro-Ordovician Paleogeographic Maps

CR Scotese, PALEOMAP Project

Atlas of Cambrian and Early Ordovician Paleogeographic Maps

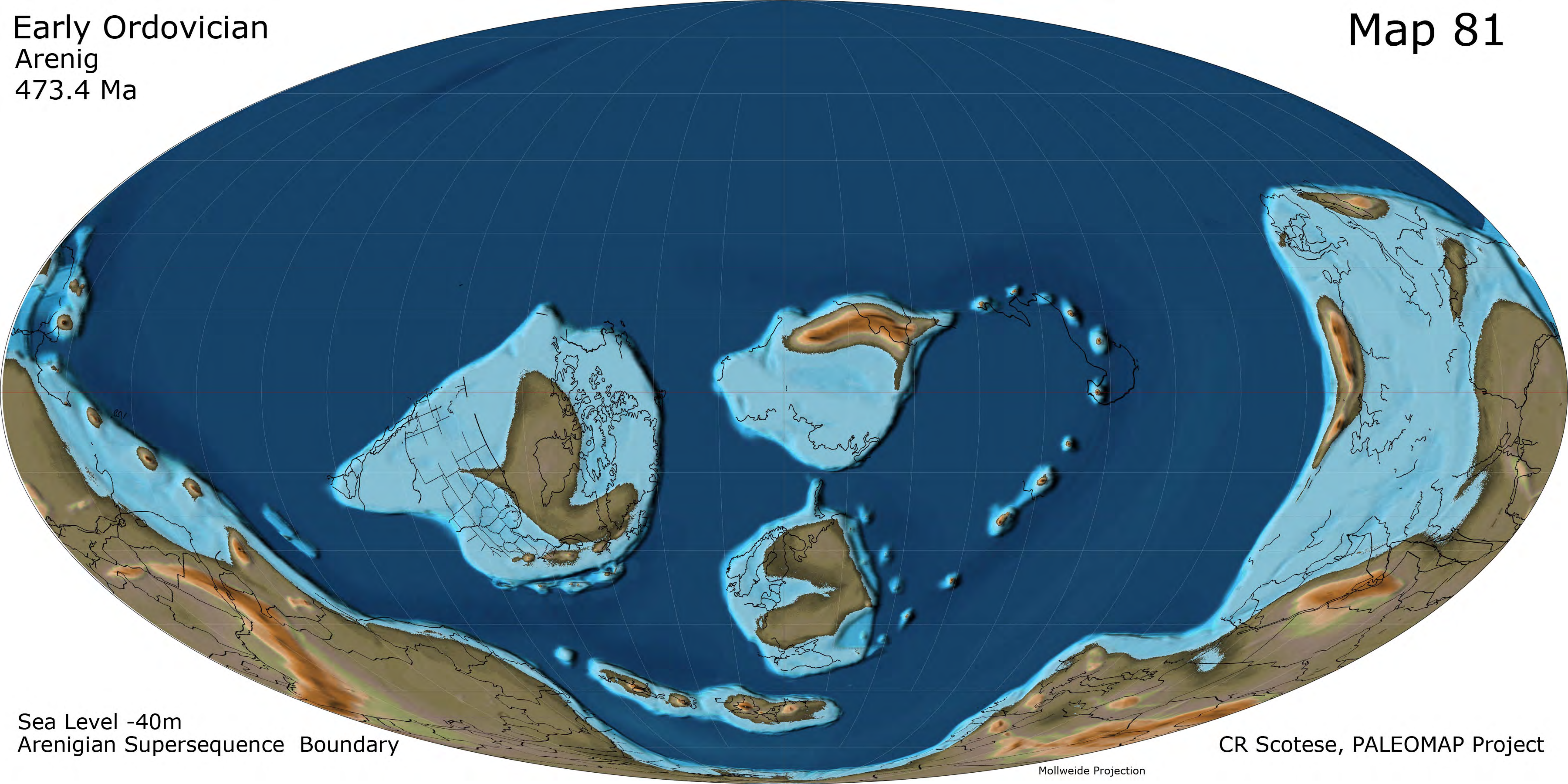
This Atlas of Cambrian and Early Ordovician Paleogeographic Maps shows the changing paleogeography from the base of the Cambrian (542 Ma) to the Early Ordovician (Arenig, 473.4 Ma). The maps are from volume 5 of the PALEOMAP PaleoAtlas for ArcGIS (Scotese, 2014). Absolute age assignments are from Gradstein, Ogg & Smith (2008).

The following maps are included in the Atlas of Cambrian and Early Ordovician Paleogeographic Maps:

- Map 81 Early Ordovician (Arenig, 472.4 Ma) Arenigian Supersequence Boundary
- Map 82 Early Ordovician (Tremadoc, 480 Ma) Maximum Flooding Surface
- Map 83 Cambro-Ordovician Boundary (488.3 Ma) Tremadocian Supersequence Boundary
- Map 84 Late Cambrian (Furongian, 494 Ma) Croixian Supersequence Boundary
- Map 85 early Late Cambrian (510 Ma) Transgressive Systems Tract
- Map 86 Middle Cambrian (520 Ma) Transgressive Systems Tract
- Map 87 Early Cambrian (531.5 Ma) Albertan Supersequence Boundary
- Map 88 Cambrian-Precambrian Boundary (542 Ma) Caerfaian Supersequence Boundary

This work should be cited as

Scotese, C.R., 2014. Atlas of Cambrian and Early Ordovician Paleogeographic Maps (Mollweide Projection), Maps 81-88, Volumes 5, The Early Paleozoic, PALEOMAP Atlas for ArcGIS, PALEOMAP Project, Evanston, IL.



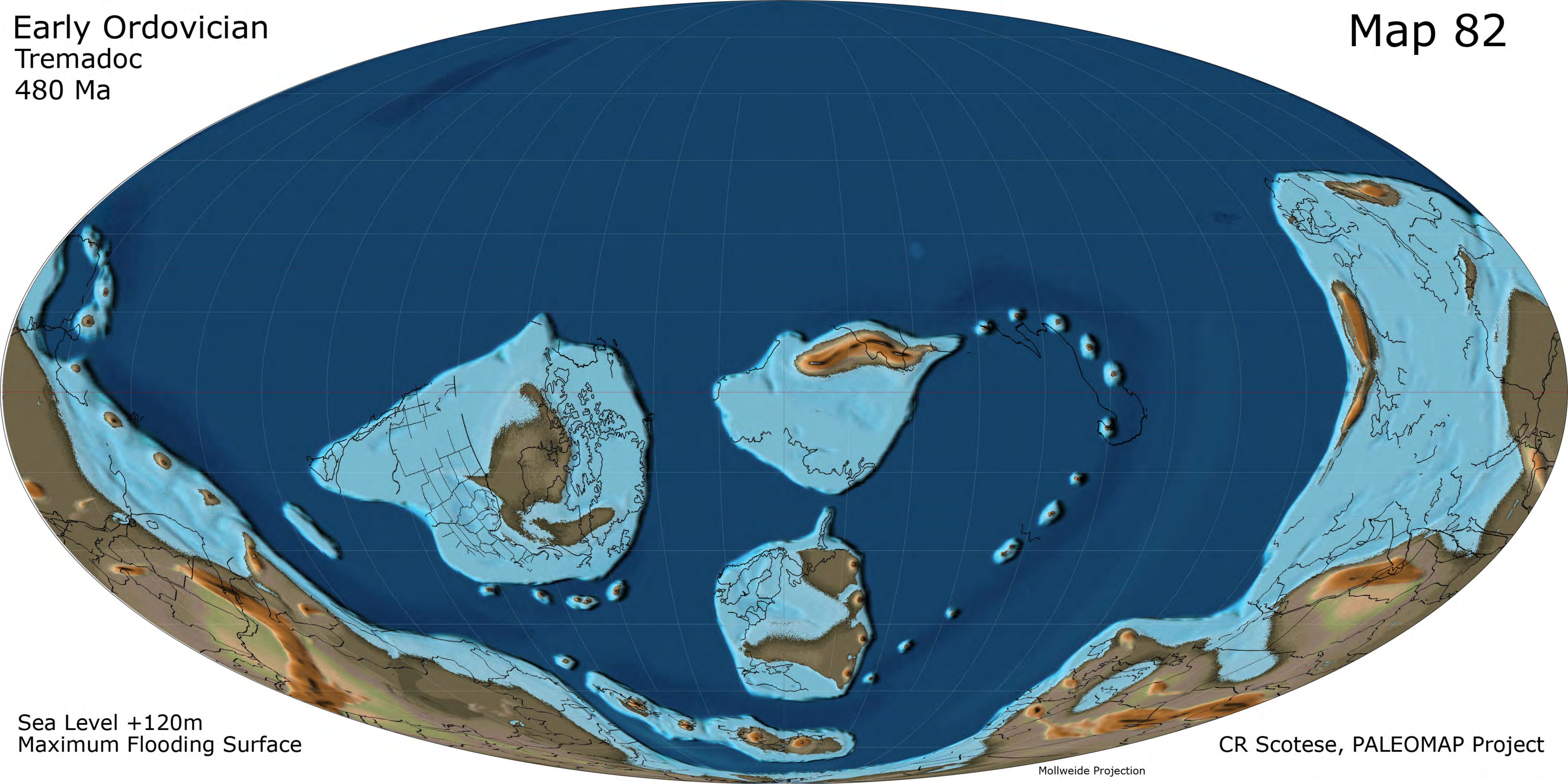
Map 81

Early Ordovician
Arenig
473.4 Ma

Sea Level -40m
Arenigian Supersequence Boundary

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Mollweide Projection



Early Ordovician
Tremadoc
480 Ma

Map 82

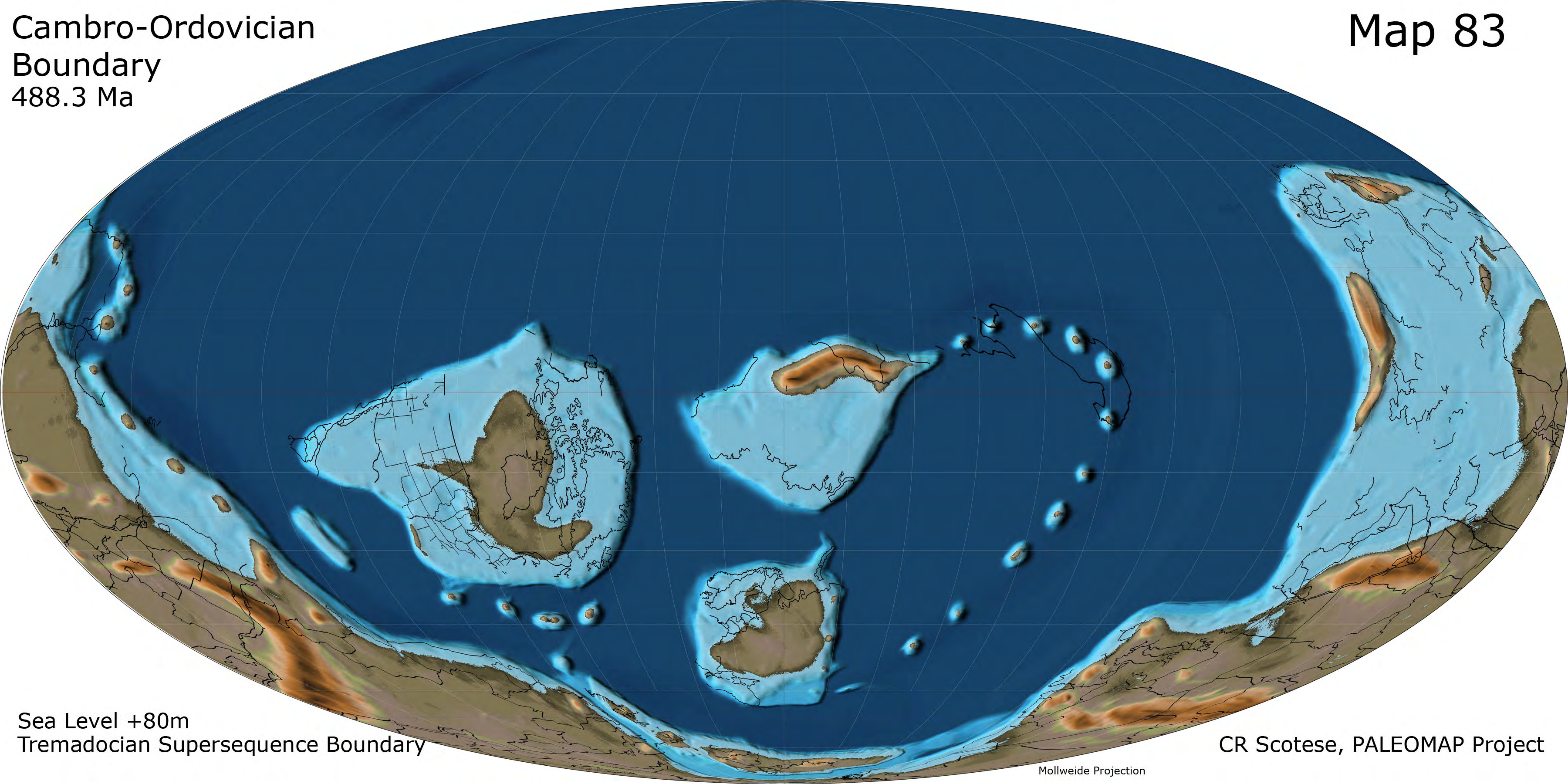
Sea Level +120m
Maximum Flooding Surface

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Cambro-Ordovician
Boundary
488.3 Ma

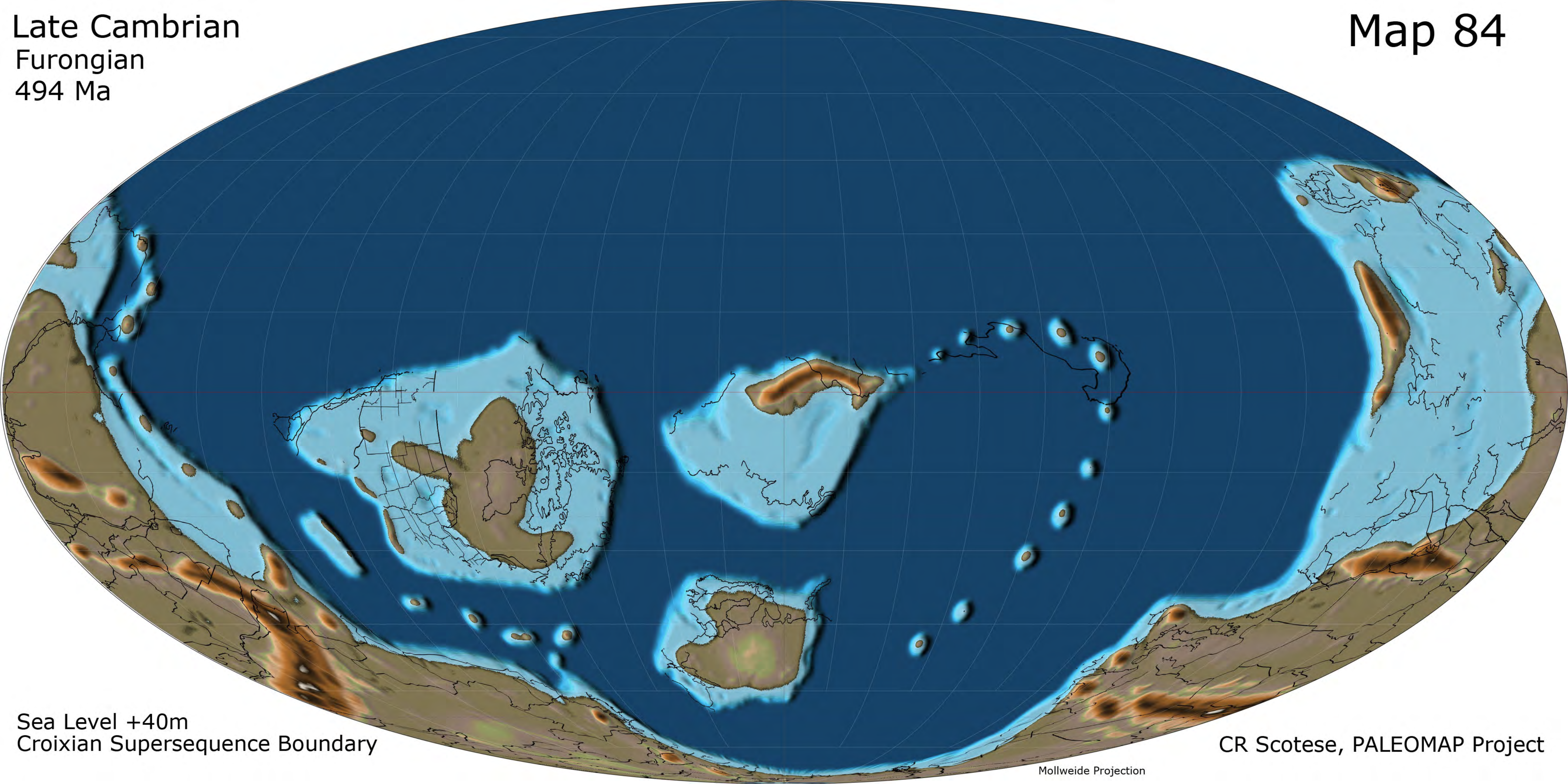
Map 83



Sea Level +80m
Tremadocian Supersequence Boundary

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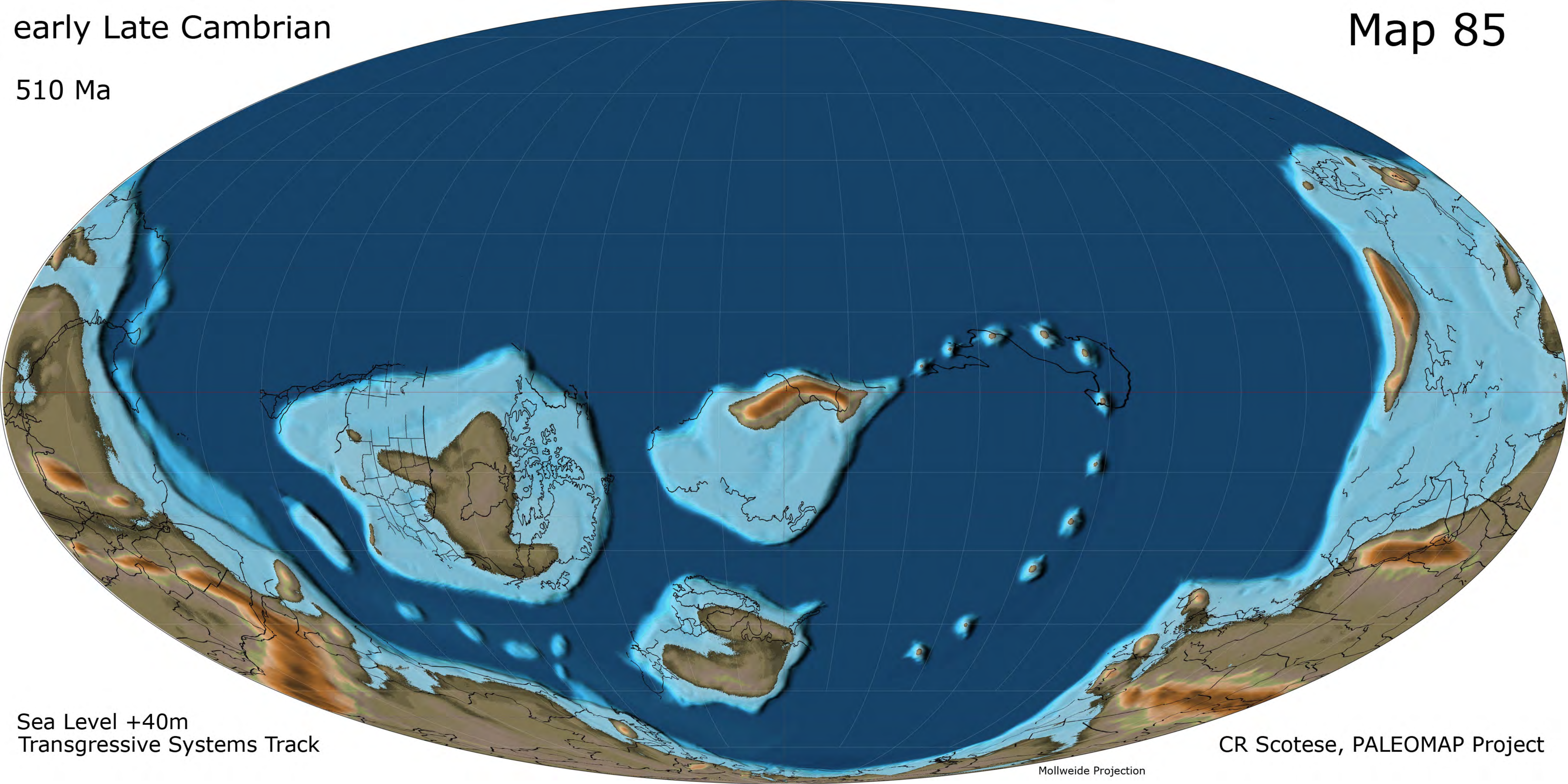
Late Cambrian
Furongian
494 Ma

Map 84

Sea Level +40m
Croixian Supersequence Boundary

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Mollweide Projection



early Late Cambrian

Map 85

510 Ma

Sea Level +40m
Transgressive Systems Track

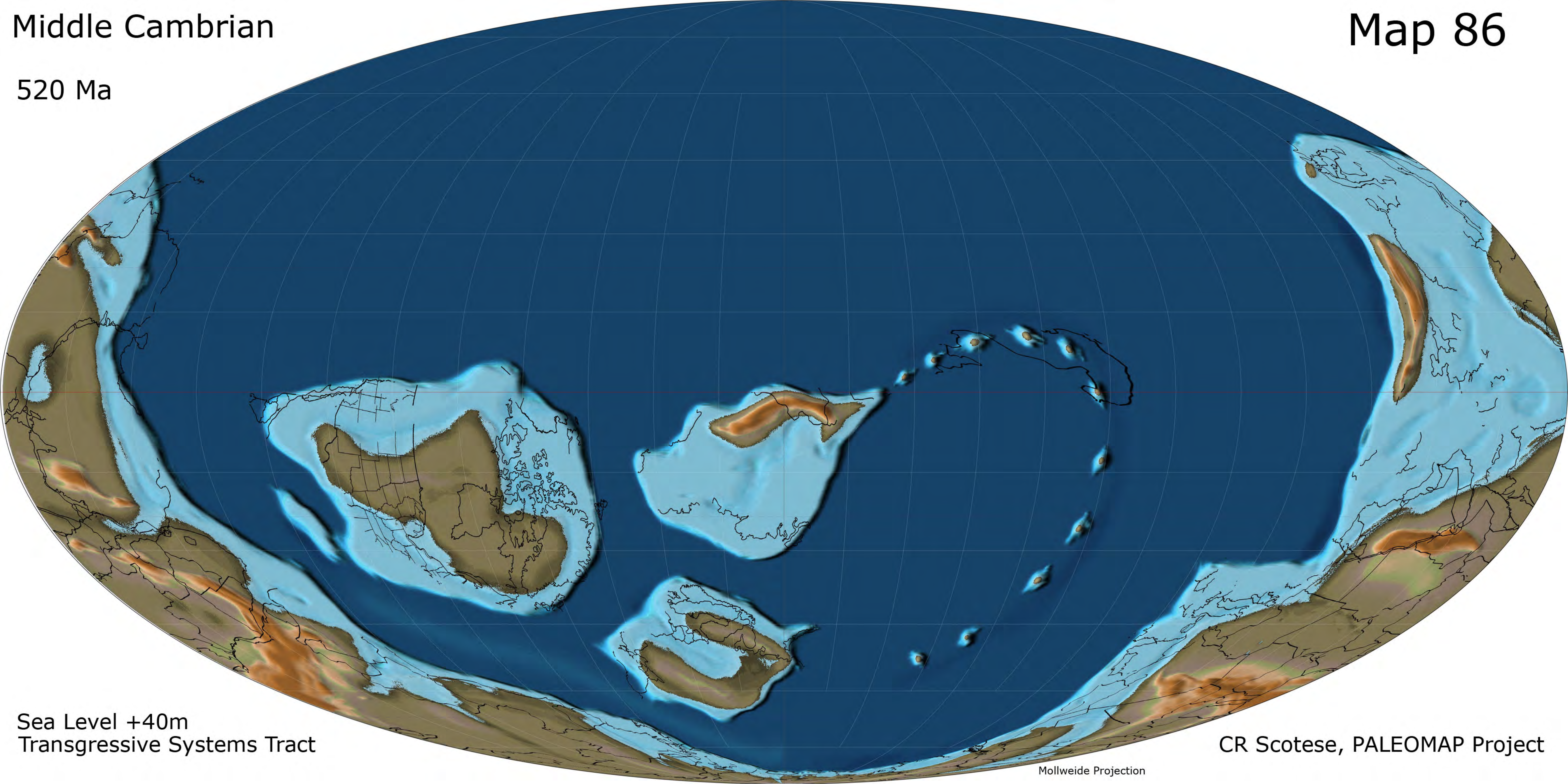
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Mollweide Projection

Middle Cambrian

Map 86

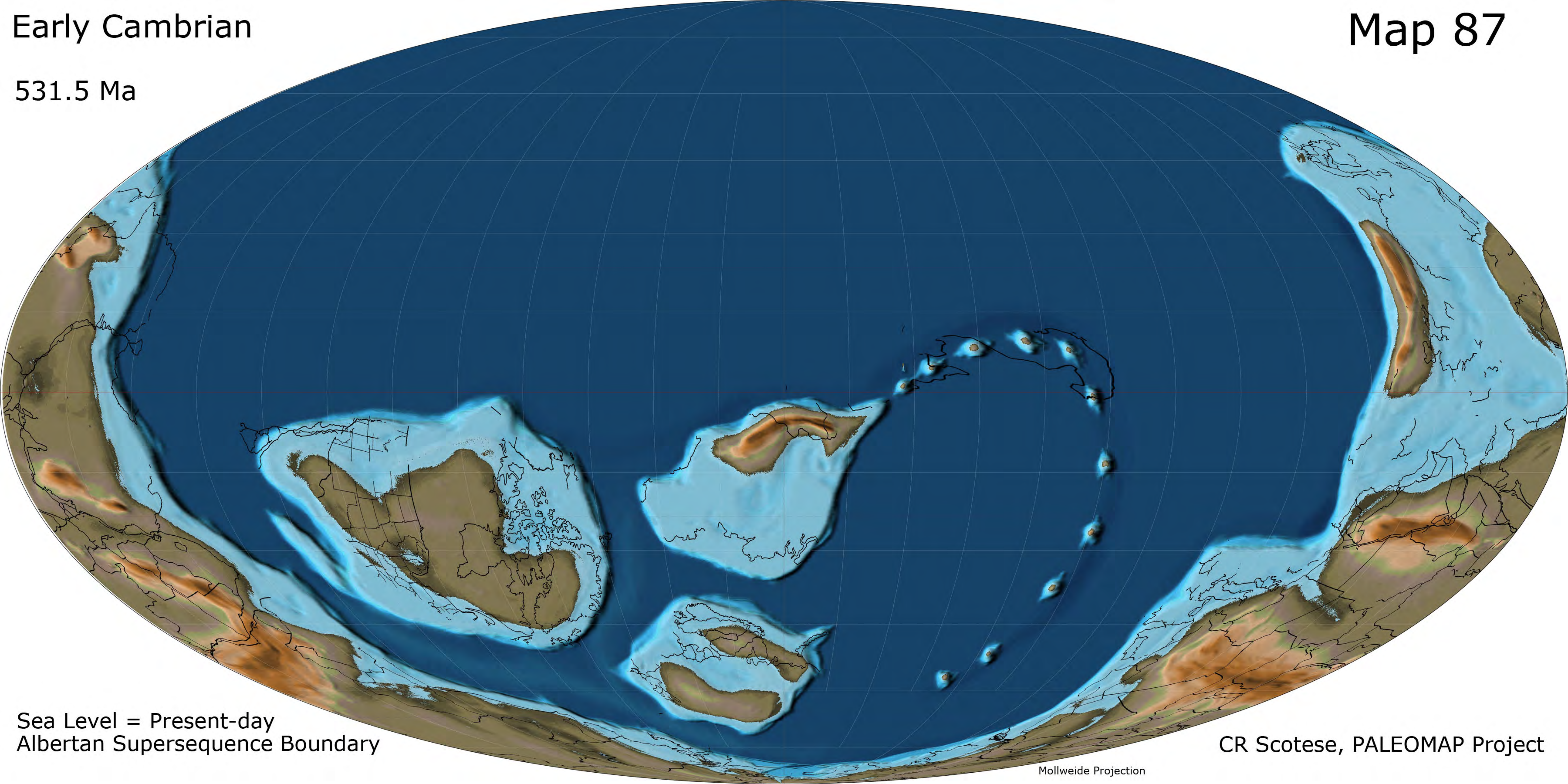
520 Ma



Sea Level +40m
Transgressive Systems Tract

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Mollweide Projection



Early Cambrian

Map 87

531.5 Ma

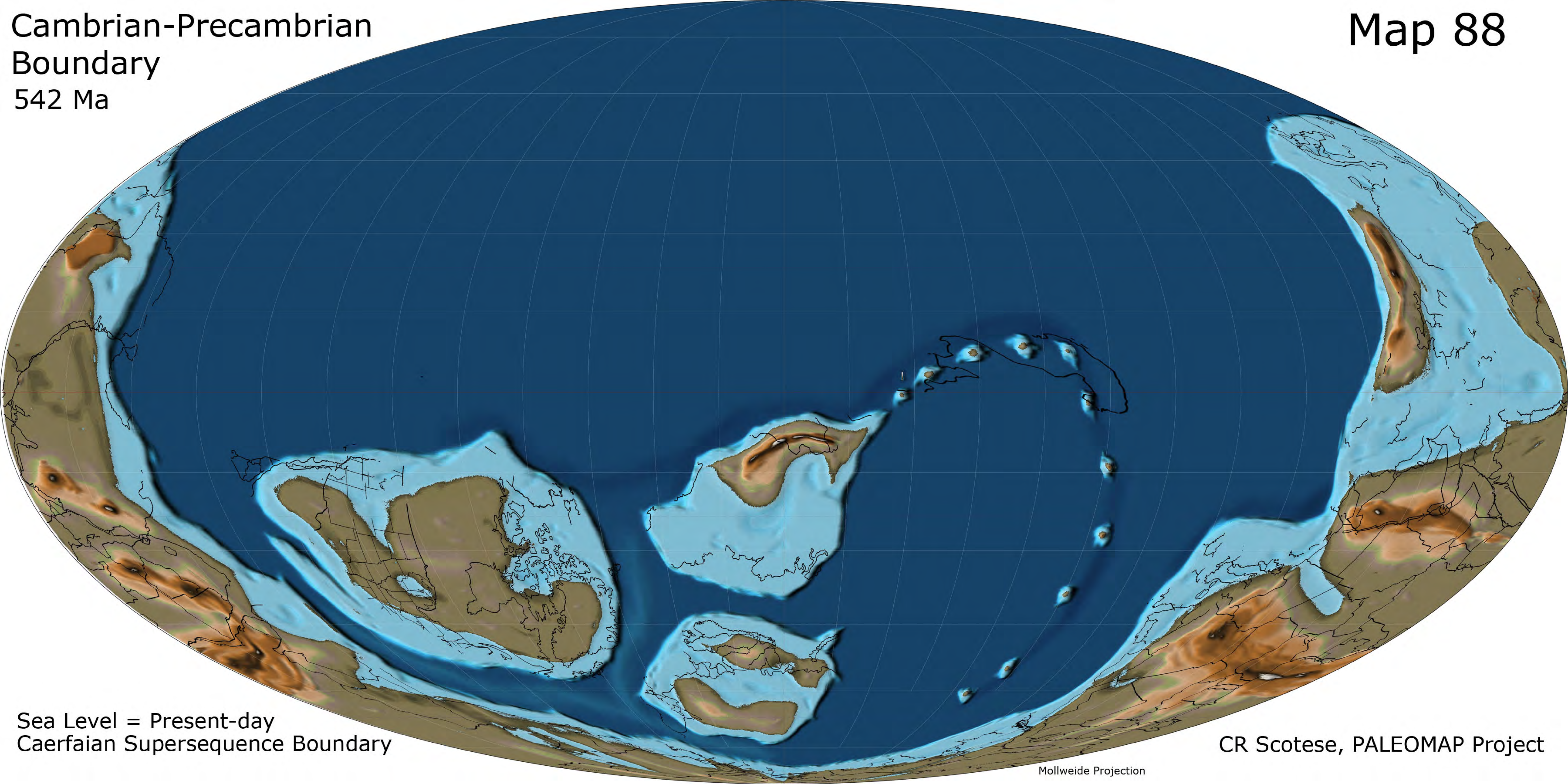
Sea Level = Present-day
Albertan Supersequence Boundary

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Mollweide Projection

Cambrian-Precambrian
Boundary
542 Ma

Map 88



Sea Level = Present-day
Caerfaian Supersequence Boundary

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Mollweide Projection