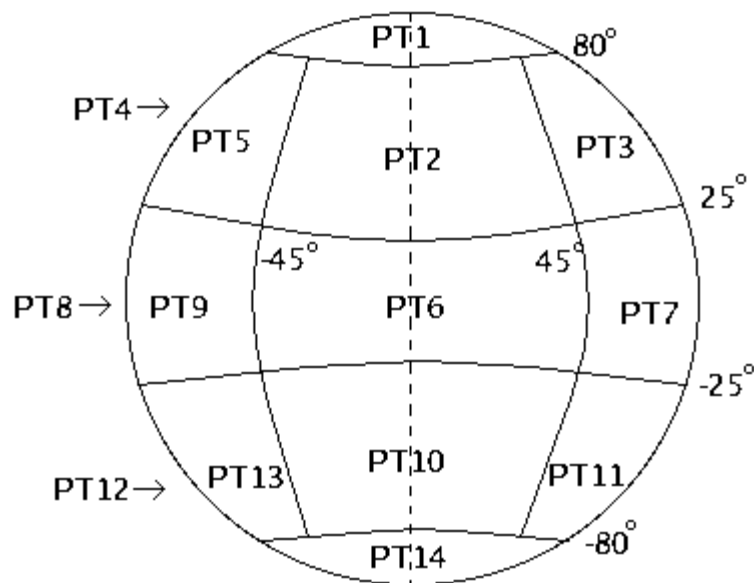


Global cut-out domains

L.S. Davis

1. Overview

The globe is split into 14 parts as follows:



The global met files, once split, are named with the suffix GLOUM6_PT1.pp (for part 1) etc.

The corresponding met definition file is MetDefnUM6Gpp_PT1.txt etc.

2. Individual domains

PT1 (North Pole)

Met domain is valid for:

$0^\circ \leq \text{Longitude} \leq 360^\circ$ (X Unbounded)

$79.8750^\circ \leq \text{Latitude} \leq 90^\circ$

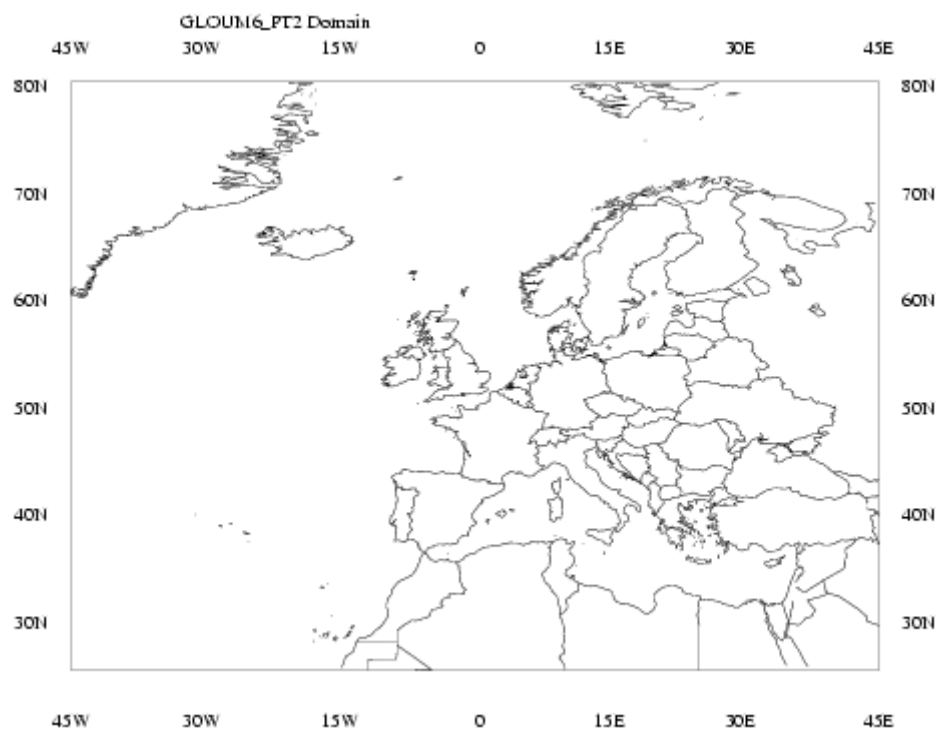


PT2

Met domain is valid for:

$-45.28125^{\circ} \leq \text{Longitude} \leq 45.0^{\circ}$

$24.9375^{\circ} \leq \text{Latitude} \leq 80.0625^{\circ}$

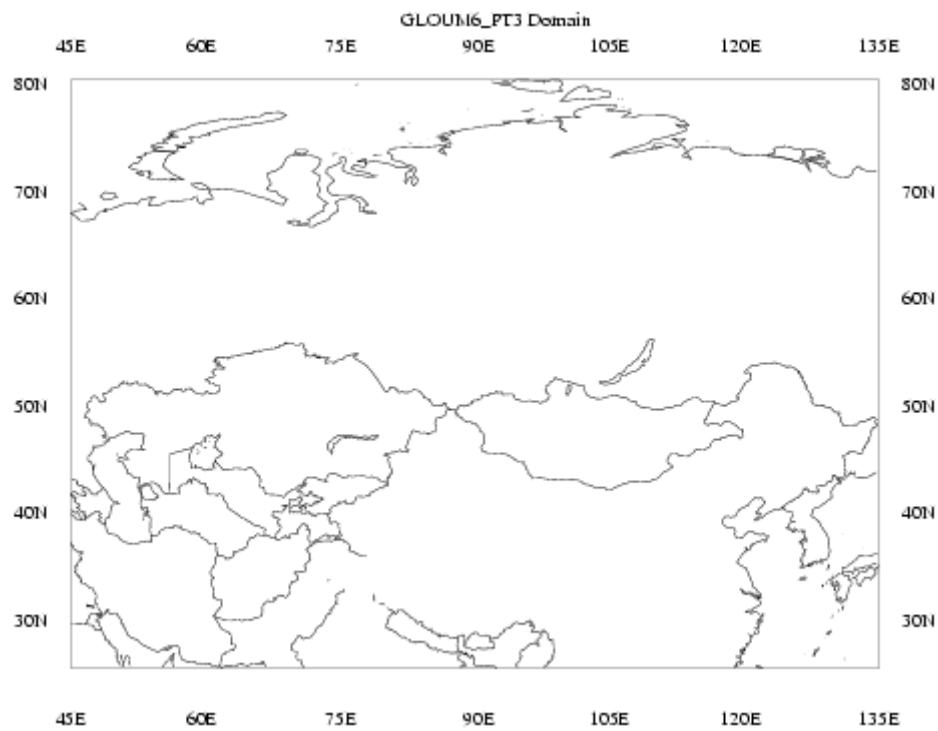


PT3

Met domain is valid for:

$44.71875^{\circ} \leq \text{Longitude} \leq 135.0^{\circ}$

$24.9375^{\circ} \leq \text{Latitude} \leq 80.0625^{\circ}$

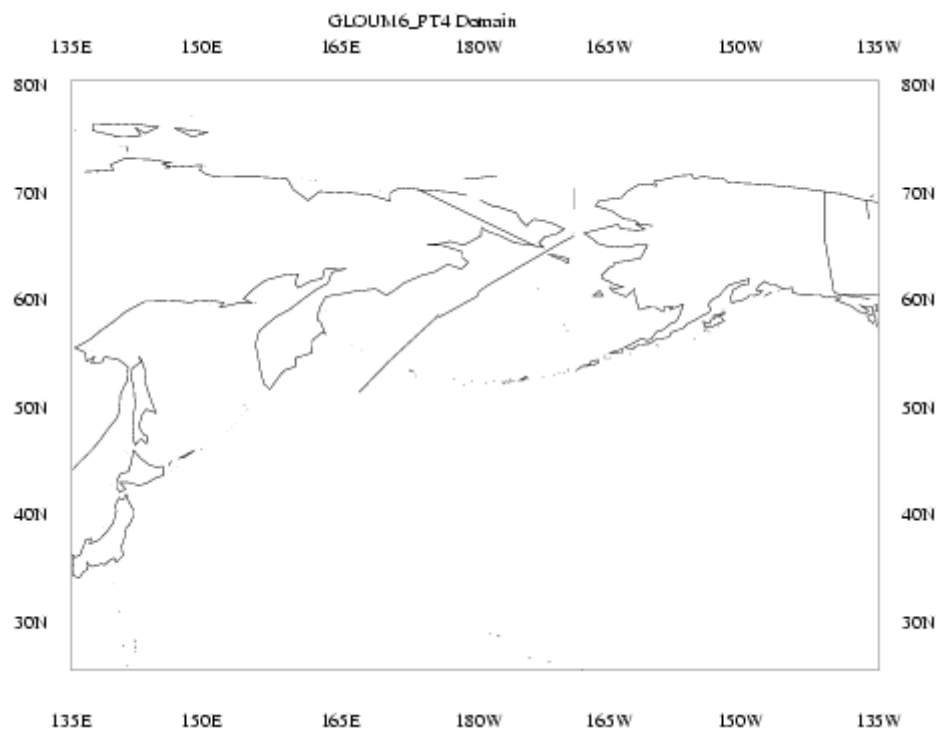


PT4

Met domain is valid for:

$134.71875^\circ < \text{Longitude} \leq 225.0^\circ$

$24.9375^\circ \leq \text{Latitude} \leq 80.0625^\circ$

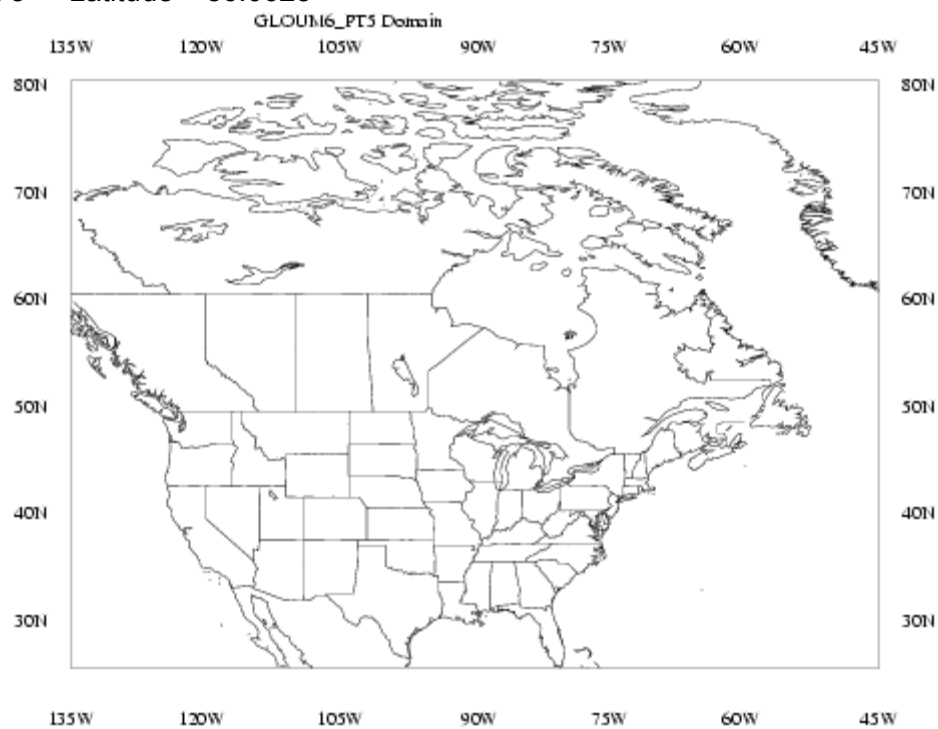


PT5

Met domain is valid for:

$224.71875^\circ < \text{Longitude} \leq 315.0^\circ$

$24.9375^\circ \leq \text{Latitude} \leq 80.0625^\circ$

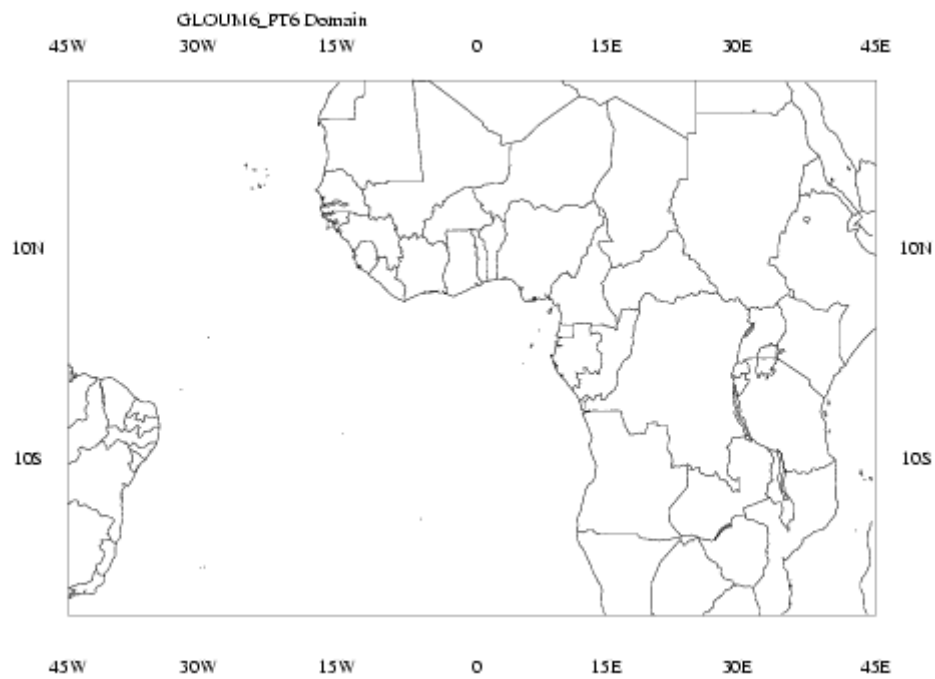


PT6

Met domain is valid for:

$-45.28215^{\circ} \leq \text{Longitude} \leq 45.0^{\circ}$

$-25.3125^{\circ} \leq \text{Latitude} \leq 25.3125^{\circ}$

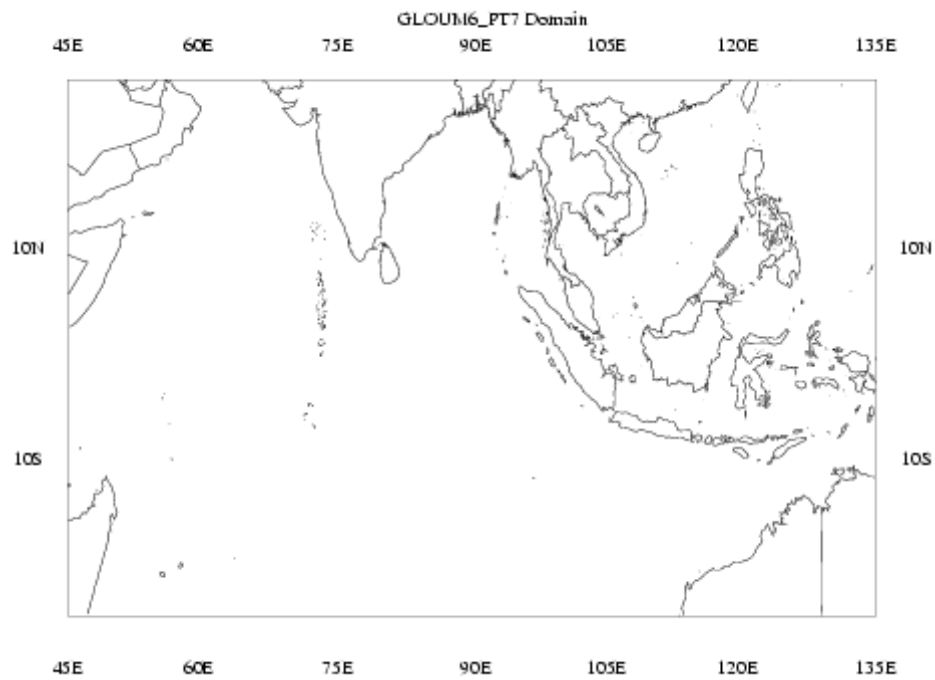


PT7

Met domain is valid for:

$44.71875^{\circ} \leq \text{Longitude} \leq 135.0^{\circ}$

$-25.3125^{\circ} \leq \text{Latitude} \leq 25.3125^{\circ}$

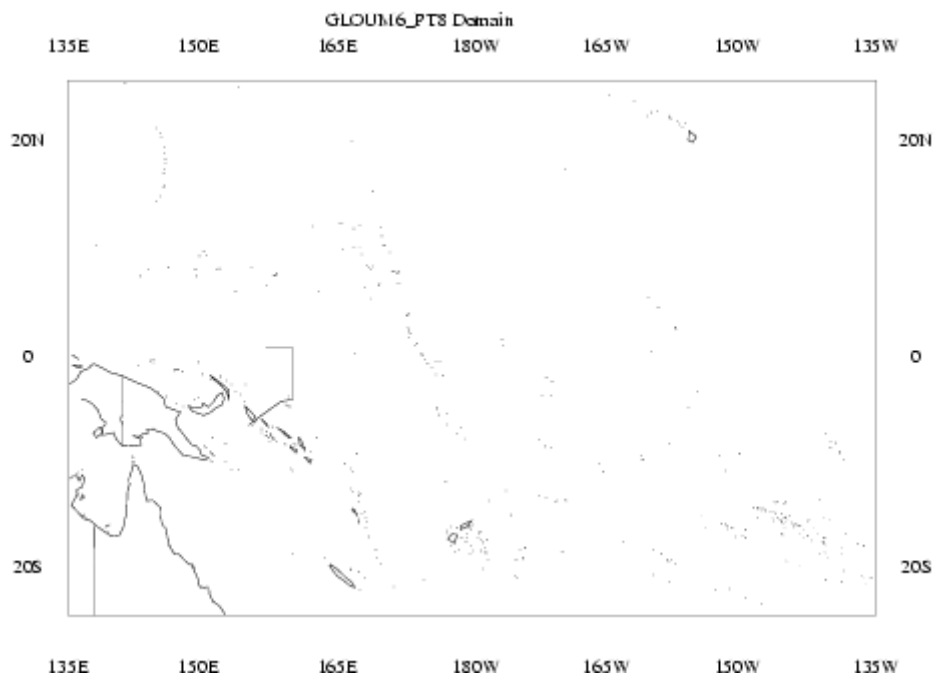


PT8

Met domain is valid for:

$134.71875^\circ < \text{Longitude} \leq 225.0^\circ$

$-25.3125^\circ \leq \text{Latitude} \leq 25.3125^\circ$

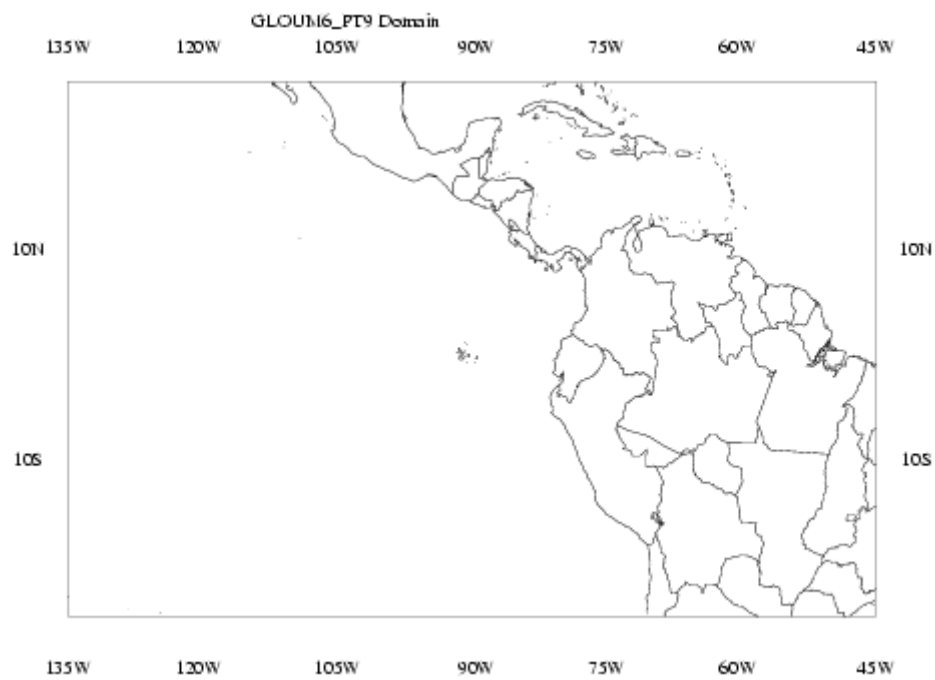


PT9

Met domain is valid for:

$224.71875^\circ < \text{Longitude} \leq 315.0^\circ$

$-25.3125^\circ \leq \text{Latitude} \leq 25.3125^\circ$

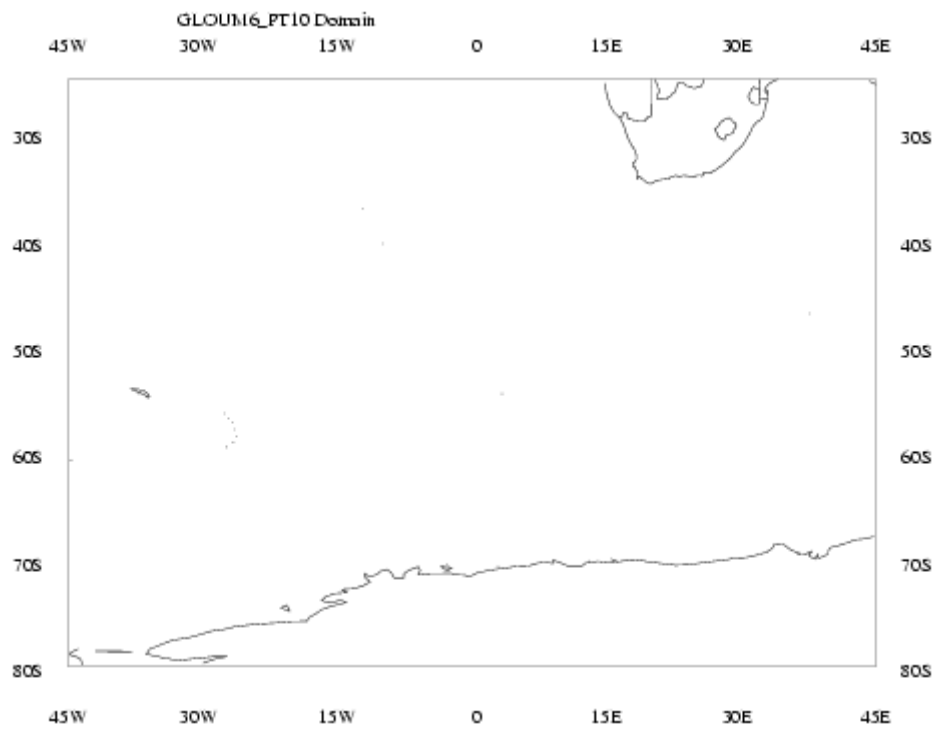


PT10

Met domain is valid for:

$-45.28125^{\circ} \leq \text{Longitude} \leq 45.0^{\circ}$

$-80.0625^{\circ} \leq \text{Latitude} \leq -24.9375^{\circ}$

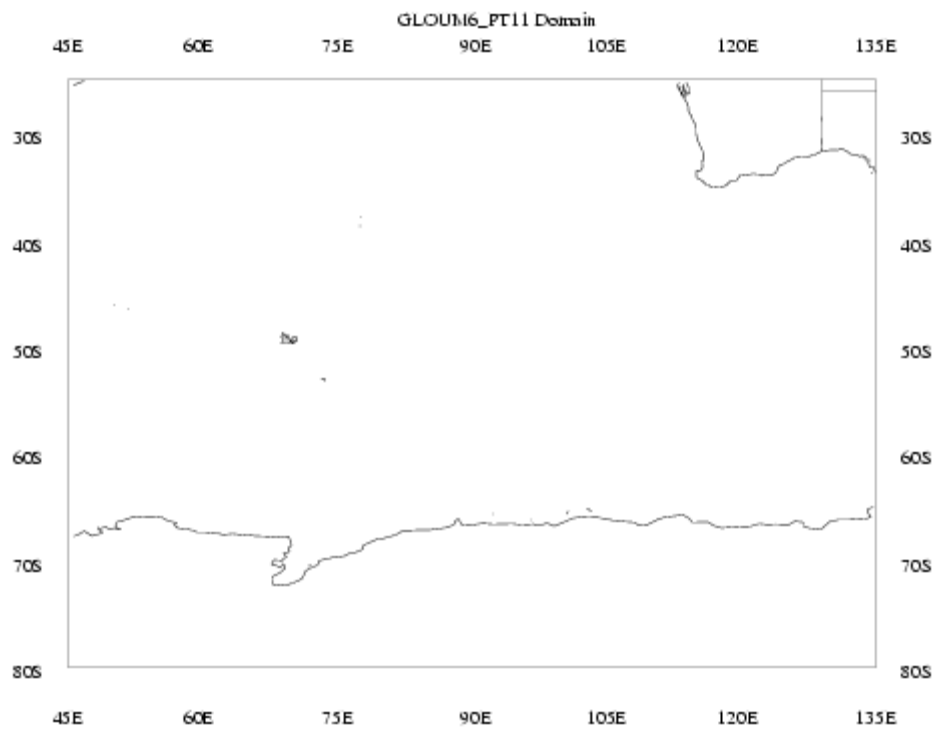


PT11

Met domain is valid for:

$44.71875^{\circ} \leq \text{Longitude} \leq 135.0^{\circ}$

$-80.0625^{\circ} \leq \text{Latitude} \leq -24.9375^{\circ}$

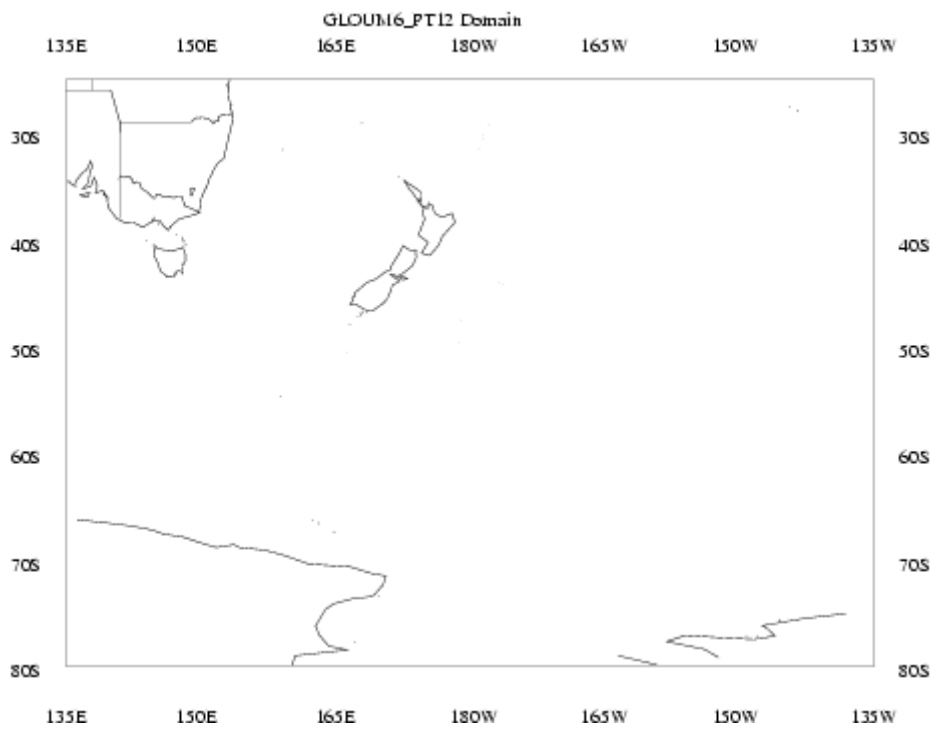


PT12

Met domain is valid for:

$134.71875^\circ < \text{Longitude} \leq 225.0^\circ$

$-80.0625^\circ \leq \text{Latitude} \leq -24.9375^\circ$

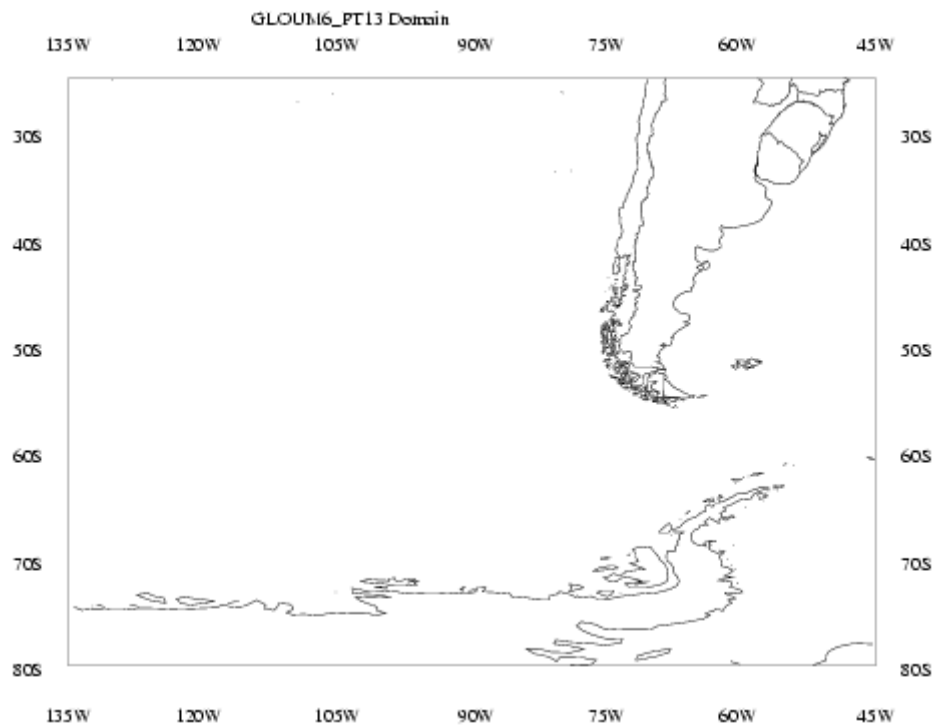


PT13

Met domain is valid for:

$224.71875^\circ < \text{Longitude} \leq 315.0^\circ$

$-80.0625^\circ \leq \text{Latitude} \leq -24.9375^\circ$



PT14 (South Pole)

Met domain is valid for:

$0^\circ \leq \text{Longitude} \leq 360^\circ$ (X Unbounded)

$-90.0^\circ \leq \text{Latitude} \leq -79.8750^\circ$

