

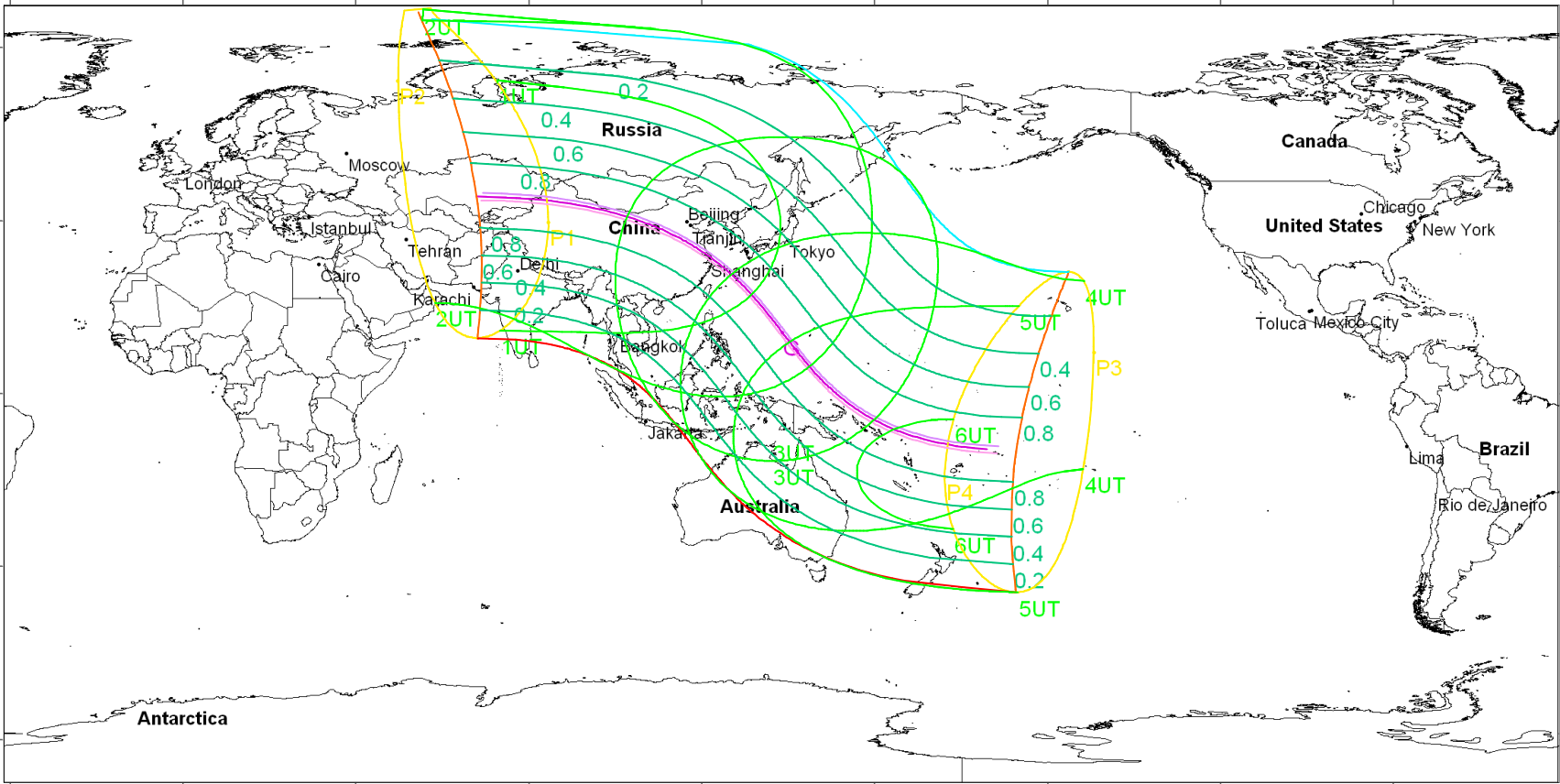
# Eclipse Map

## Solar Eclipse of 23 Sep 1987AD

Eclipse begins 00:14 39°7'N 084°2'E  
Greatest eclipse 03:11 14°3'N 138°0'E  
Eclipse ends 06:08 19°4'S 176°5'E

### Info

Eclipse type: Annular  
Eclipse character: Central  
Magnitude of the eclipse:



- |   |   |                           |
|---|---|---------------------------|
| ■ Rising and setting curve                | ■ Northern limit of penumbra            | ■ Central line            |
| ■ Curve of maximum eclipse in the horizon | ■ Southern limit of penumbra            | ■ Northern limit of umbra |
| ■ Outline curves                          | ■ Isophase curves                       | ■ Southern limit of umbra |
| ● P1 First external contact of penumbra   | ● P3 First internal contact of penumbra | ● Greatest Eclipse        |
| ● P2 Last external contact of penumbra    | ● P4 Last internal contact of penumbra  |                           |