
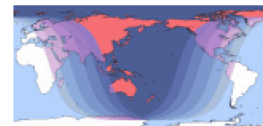


## Eclipses in 2018

31 jan  Lunar Eclipse (Total)  
13h27min TU

North/East Europe, Asia, Australia, North/East Africa, North America,  
North/West South America, Pacific, Atlantic, Indian Ocean, Arctic, Antarctica



15 fév  Solar Eclipse (Partial)  
21h06min TU


South in South America, Pacific, Atlantic, Antarctica



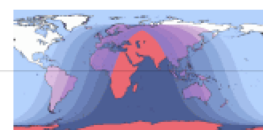
13 juil  Solar Eclipse (Partial)  
02h48min TU

South in Australia, Pacific, Indian Ocean



27/28 juil  Lunar Eclipse (Total)  
20h21min TU

Much of Europe, Much of Asia, Australia, Africa, South in North America,  
South America, Pacific, Atlantic, Indian Ocean, Antarctica



11 août  Solar Eclipse (Partial)  
09h58min TU

North/East Europe, North/West Asia, North in North America, Atlantic, Arctic



## Eclipses in 2019

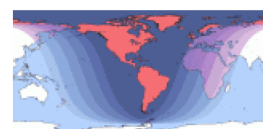
5/6 jan  Solar Eclipse (Partial)  
01h29min TU

East in Asia, Pacific



20/21 jan  Lunar Eclipse (Total)  
05h16min TU


Europe, Asia, Africa, North America, South America, Pacific, Atlantic, Indian  
Ocean, Arctic



2 juil  Solar Eclipse (Total)  
19h16min TU

South in North America, Much of South America, Pacific



16/17 juil  Lunar Eclipse (Partial)  
21h38min TU

Much of Europe, Much of Asia, Australia, Africa, South/East North America,  
South America, Pacific, Atlantic, Indian Ocean, Antarctica



11 nov  Transit (Mercury)

South/West Europe, South/West Asia, Africa, Much of North America, South  
America, Pacific, Atlantic, Indian Ocean, Antarctica



26 déc  Solar Eclipse (Annular)  
05h14min TU

East in Europe, Much of Asia, North/West Australia, East in Africa, Pacific,  
Indian Ocean

