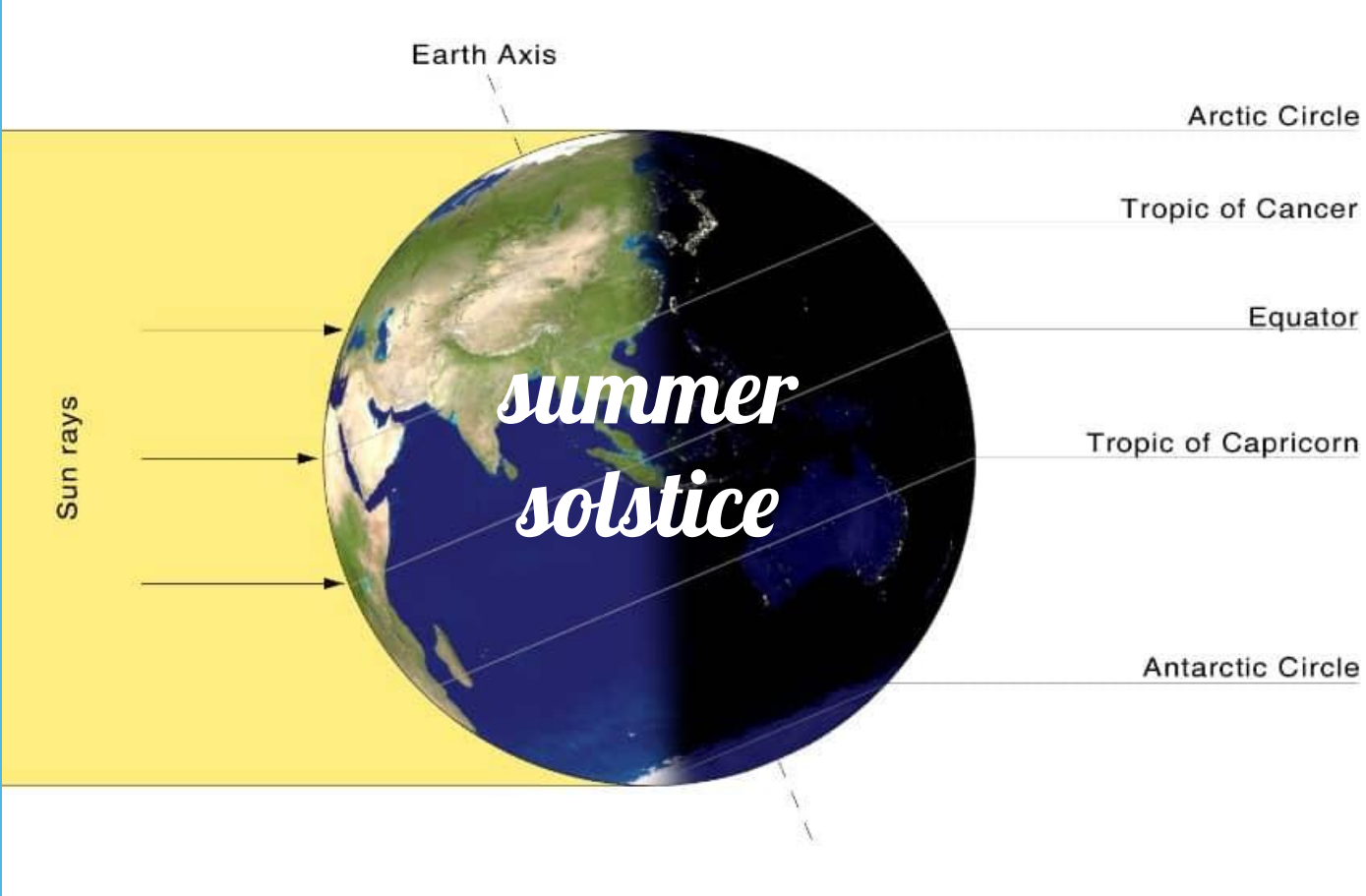




the day



Earth Axis

Arctic Circle

Tropic of Cancer

Equator

Tropic of Capricorn

Antarctic Circle

Sun rays

*summer
solstice*

the longest day of the year

Poland - Warsaw

20th June

lasts 16 hours 46 minutes and 49 seconds

the sun rises at 4:14 a.m.

the sun sets at 9:01 p.m.

Greece - Athens

21st June

lasts 14 hours 48 minutes and 16 seconds

the sun rises at 6:02 a.m.

the sun sets at 8:51 p.m.

the highest position of the sun

Poland - Warsaw

12:37 a.m.

Earth-Sun distance: 152 033 405 km

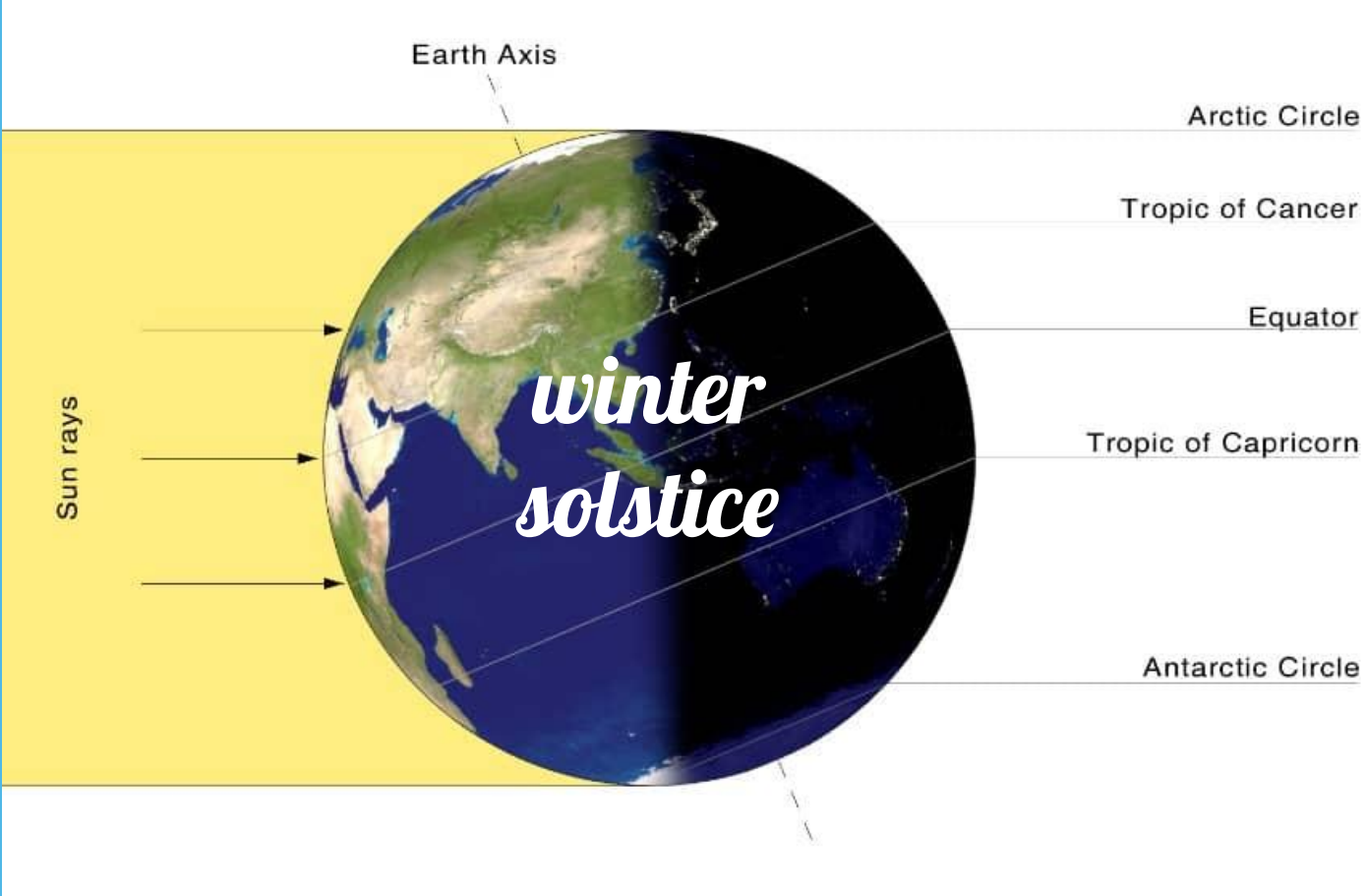
height above horizon: 61,28°

Greece - Athens

12:26 a.m.

Earth-Sun distance: 152 042 215 km

height above horizon: 75,53°



Earth Axis

Arctic Circle

Tropic of Cancer

Equator

Tropic of Capricorn

Antarctic Circle

Sun rays

*winter
solstice*

the shortest day of the year

Poland - Warsaw

21st December

lasts 7 hours 42 minutes and 23 seconds

the sun rises at 8:43 a.m.

the sun sets at 4:25 p.m.

Greece - Athens

21st December

lasts 9 hours 31 minutes and 44 seconds

the sun rises at 8:37 a.m.

the sun sets at 6:09 p.m.

the highest position of the sun

Poland - Warsaw

12:34 a.m.

Earth-Sun distance: 147 162 605 km

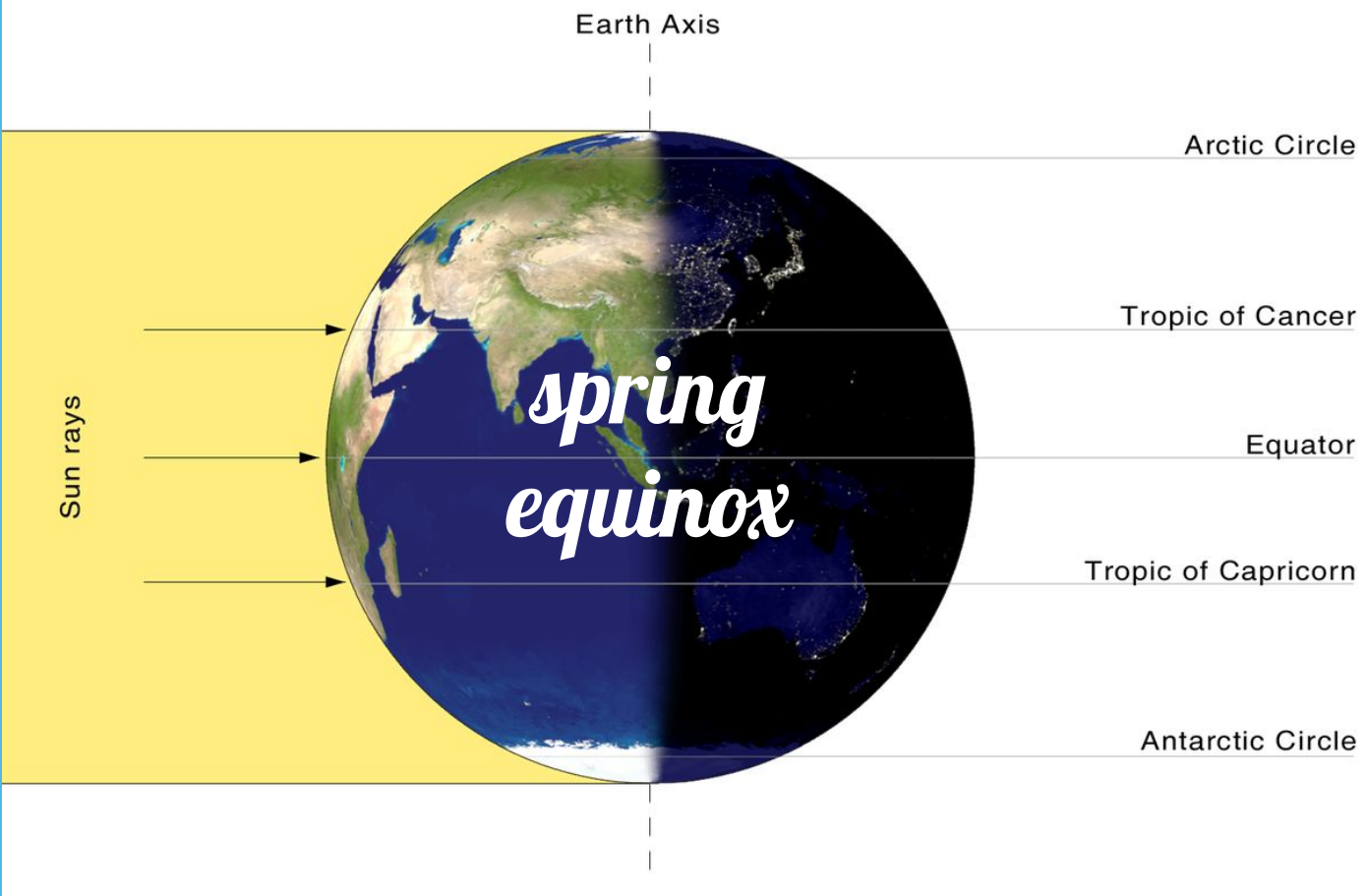
height above horizon: 14,28°

Greece - Athens

12:23 a.m.

Earth-Sun distance: 147 165 610 km

height above horizon: 28,53°



Earth Axis

Arctic Circle

Tropic of Cancer

Sun rays

*spring
equinox*

Equator

Tropic of Capricorn

Antarctic Circle

day during the spring equinox

Poland - Warsaw

20th March

lasts 12 hours and 12 minutes

the sun rises at 6:37 a.m.

the sun sets at 6:49 p.m.

Greece - Athens

20th March

lasts 12 hours and 9 minutes

the sun rises at 7:27 a.m.

the sun sets at 7:37 p.m.

the highest position of the sun

Poland - Warsaw

12:43 a.m.

Earth-Sun distance: 148 995 938 km

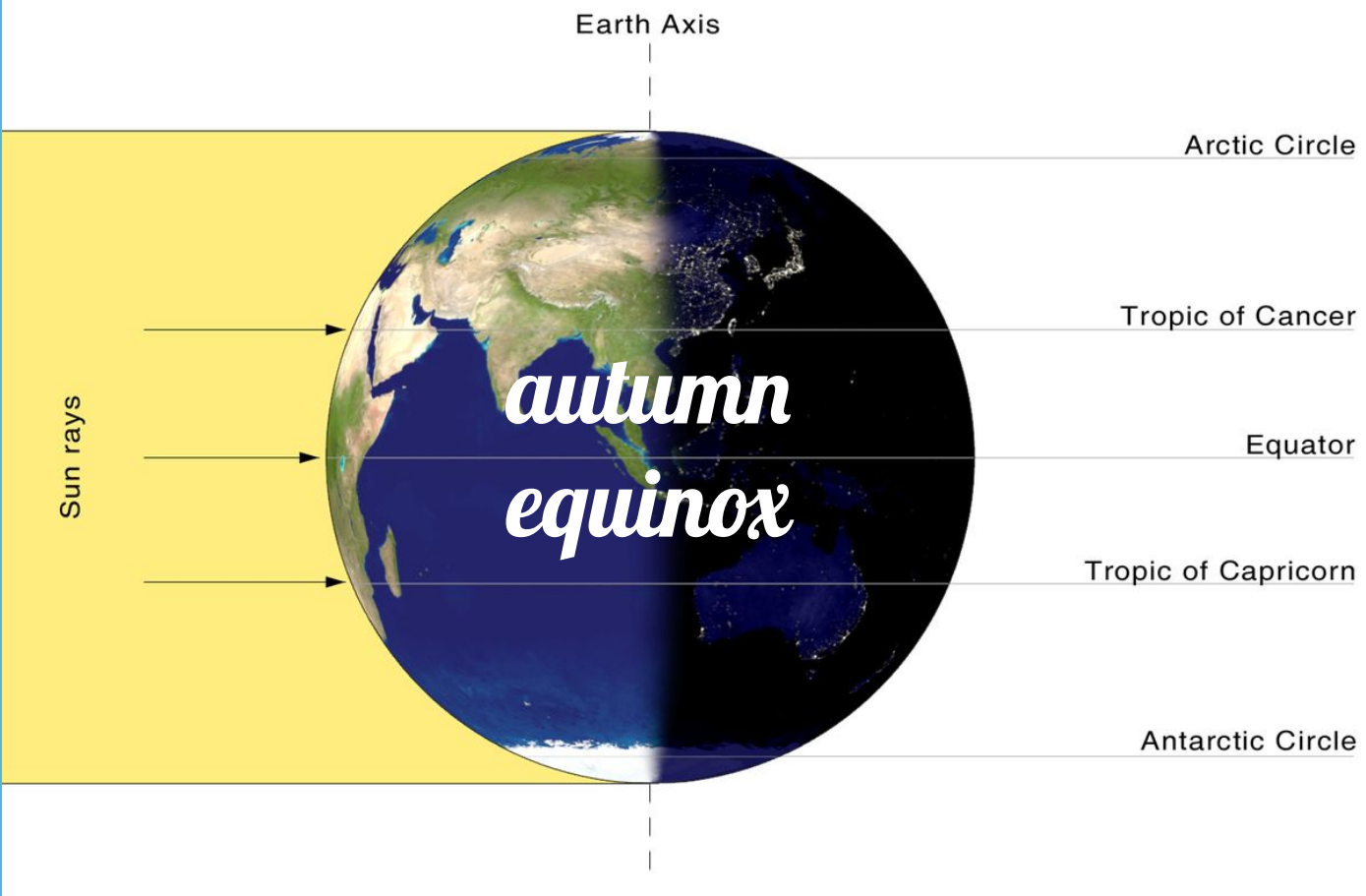
height above horizon: 37,78°

Greece - Athens

12:32 a.m.

Earth-Sun distance: 148 994 192 km

height above horizon: 52,03°



Earth Axis

Arctic Circle

Tropic of Cancer

Sun rays

*autumn
equinox*

Equator

Tropic of Capricorn

Antarctic Circle

day during the autumn equinox

Poland - Warsaw

23rd September

lasts 12 hours and 7 minutes

the sun rises at 6:24 a.m.

the sun sets at 6:31 p.m.

Greece - Athens

23rd September

lasts 12 hours and 6 minutes

the sun rises at 7:14 a.m.

the sun sets at 7:20 p.m.

the highest position of the sun

Poland - Warsaw

12:28 a.m.

Earth-Sun distance: 150 097 891 km

height above horizon: 37,78°

Greece - Athens

12:17 a.m.

Earth-Sun distance: 150 099 641 km

height above horizon: 52,03°

A stylized landscape illustration featuring a sun rising over a range of mountains. The scene is rendered in various shades of blue and teal, with a white sun and white text. The foreground shows a dark blue forest of coniferous trees. The sky is a gradient of blue, with soft, white clouds. The overall style is clean and modern.

sunrises

the earliest sunrise in 2022

Poland: 17th June - 4:11 a.m.

Greece: 14th June - 6:01 a.m.

the latest sunrise in 2022

Poland: 30th December - 7:43 a.m.

Greece: 5th January - 8:41 a.m.

A stylized sunset landscape. The sky transitions from a deep purple at the top to a bright orange near the horizon. A large white sun is positioned in the upper left, surrounded by concentric circles. Below the sun, there are several layers of dark purple mountains. In the foreground, a line of dark purple trees is reflected in a calm body of water. The word "sunsets" is written in a white, cursive font across the middle of the image. At the bottom center, there are five small black silhouettes of birds. In the bottom right corner, there is a small, handwritten signature.

sunsets



Scena

the earliest sunset in 2022

Poland: 13th December - 3:25 p.m.

Greece: 6th December - 5:05 p.m.

the latest sunset in 2022

Poland: 25th June - 9:03 p.m.

Greece: 28th June - 8:51 p.m.



fun fact

from 21 may to 23 july at the latitude of Poland
there is no astronomical night



Thank you!