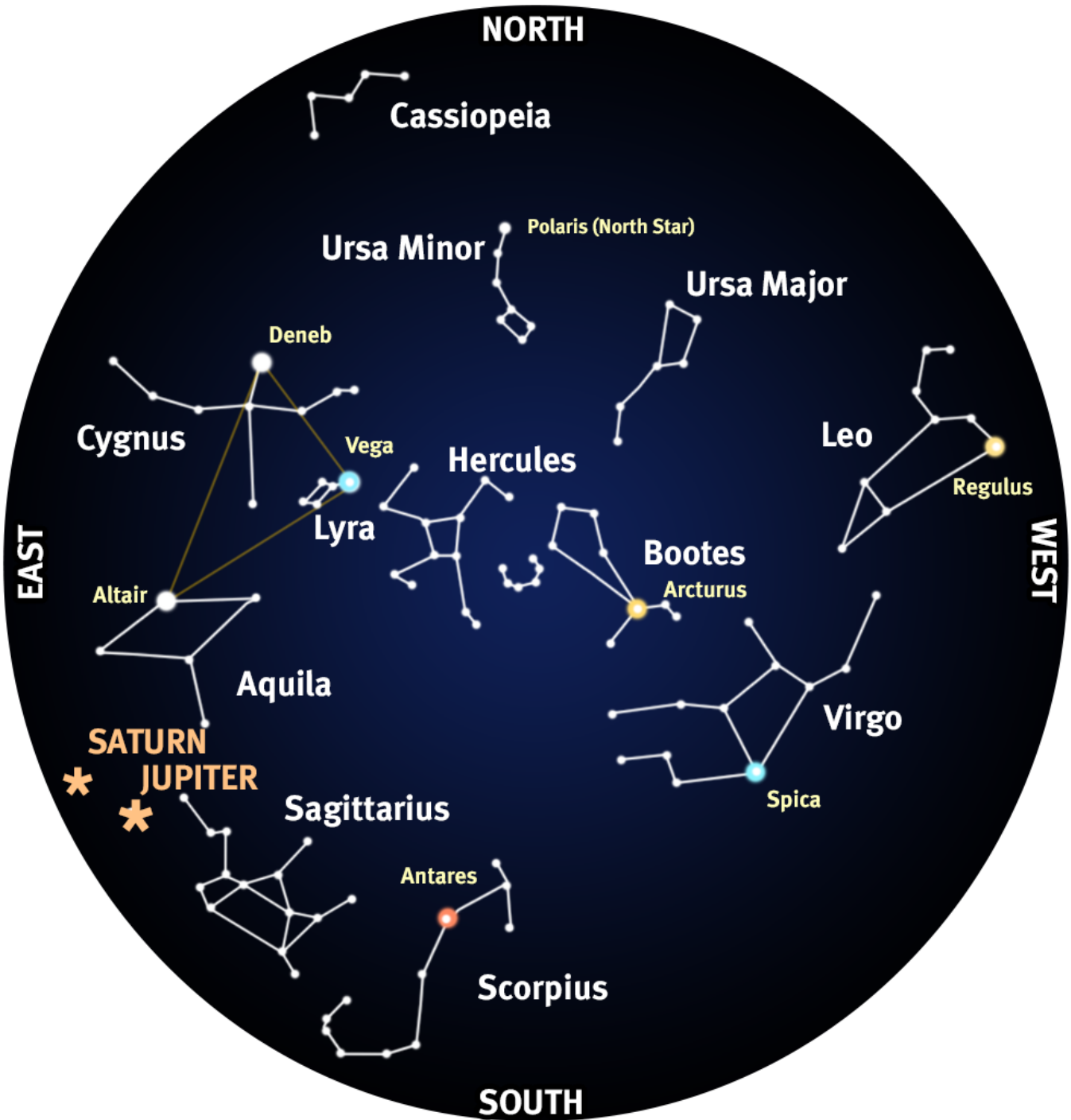


2020

Buhl Planetarium & Observatory



JUNE STAR CHART



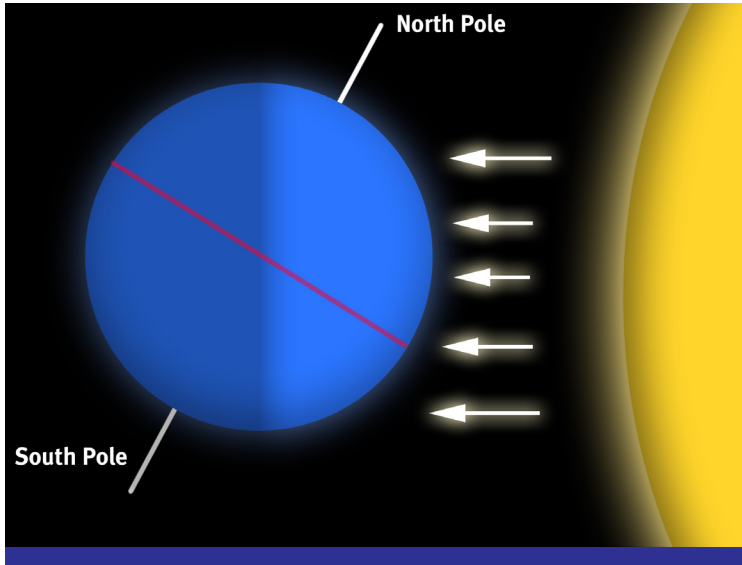
Night sky from Pittsburgh, PA 10 pm EST mid-June

2020

Buhl Planetarium & Observatory

JUNE STAR CHART

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What's happening in June?

Happy Summer! June 20 marks the summer solstice, the first day of summer. This means that the Earth's North Pole is at its maximum tilt towards the Sun, giving us in the northern hemisphere the maximum daylight hours out of the year. This is also when the Sun will reach its highest point in the sky. Near noon in Pittsburgh on June 20, the Sun will be 73° over our heads, as opposed to noon on the winter solstice, where it only reaches 26°.

Space Fact of the Month

Even though it is the largest planet, Jupiter spins the fastest out of all our solar system's planets. One day on Jupiter is nine hours and 55 minutes long!



Star Chart FAQ

How do I use the star chart?

Hold it out in front of you with the direction you're facing at the bottom of the chart. It works even better if you hold it above your head and look up at it.

Why are east and west switched?

They are only switched because you're used to looking at maps of the ground. Hold it above your head, and you'll see the directions line up just right.

Why isn't the Moon on the star chart?

The star chart covers a whole month. During this time, the Moon travels all the way around the Earth, doing a full lap around the sky.

Try to see how far the Moon moves compared to the background stars from day to day.



Cosmic fun in Animal Crossings: New Horizons

Grab your nets and fishing poles, we're on island time, looking at space in Animal Crossing! Many of the collectible spacecraft in the game are based on historical objects.

Take a closer look in this video created by Science Educator Charissa Sedor! She created an educational space annex in this fun-filled game.

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