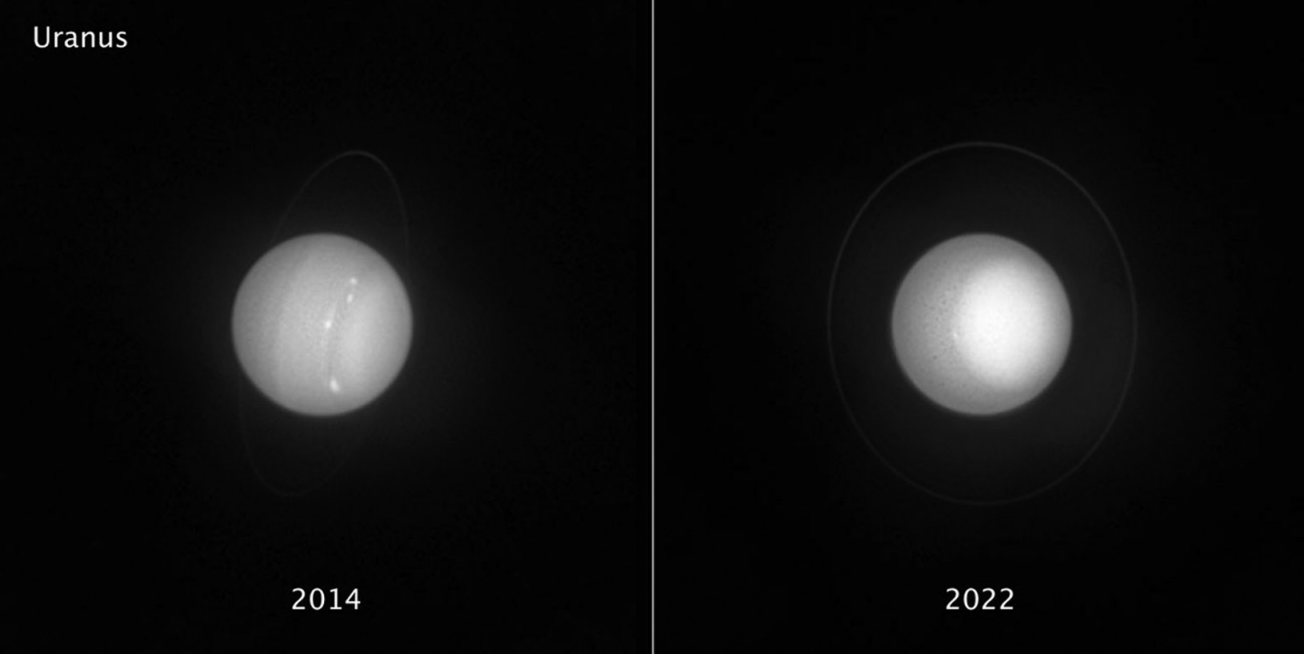
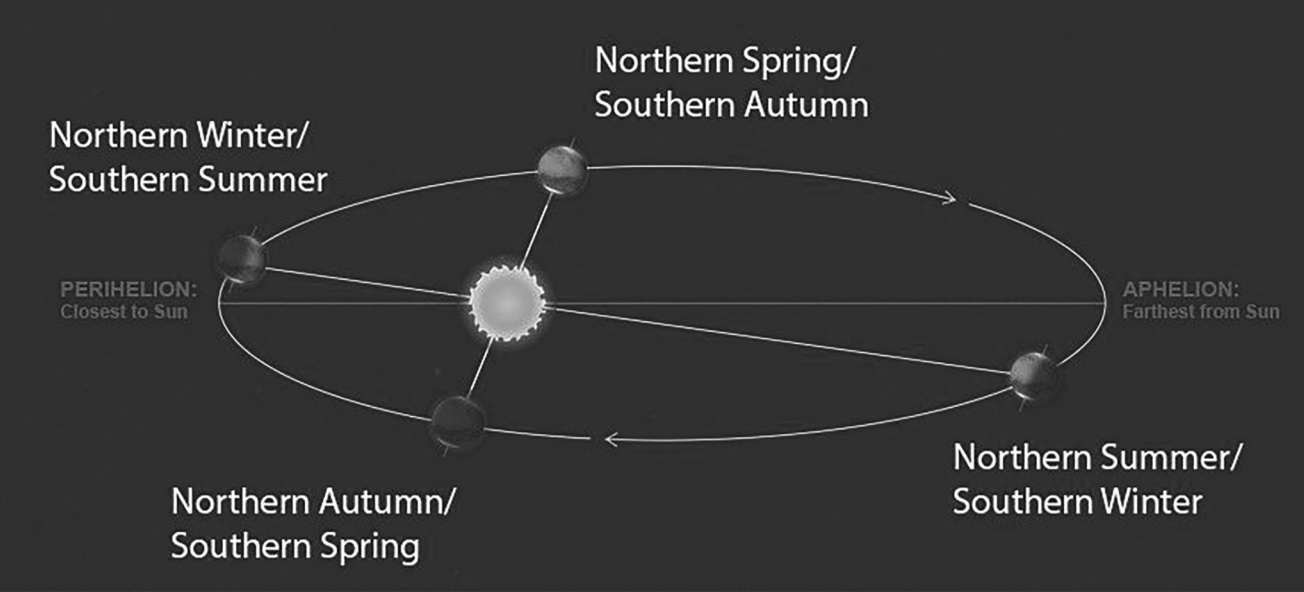


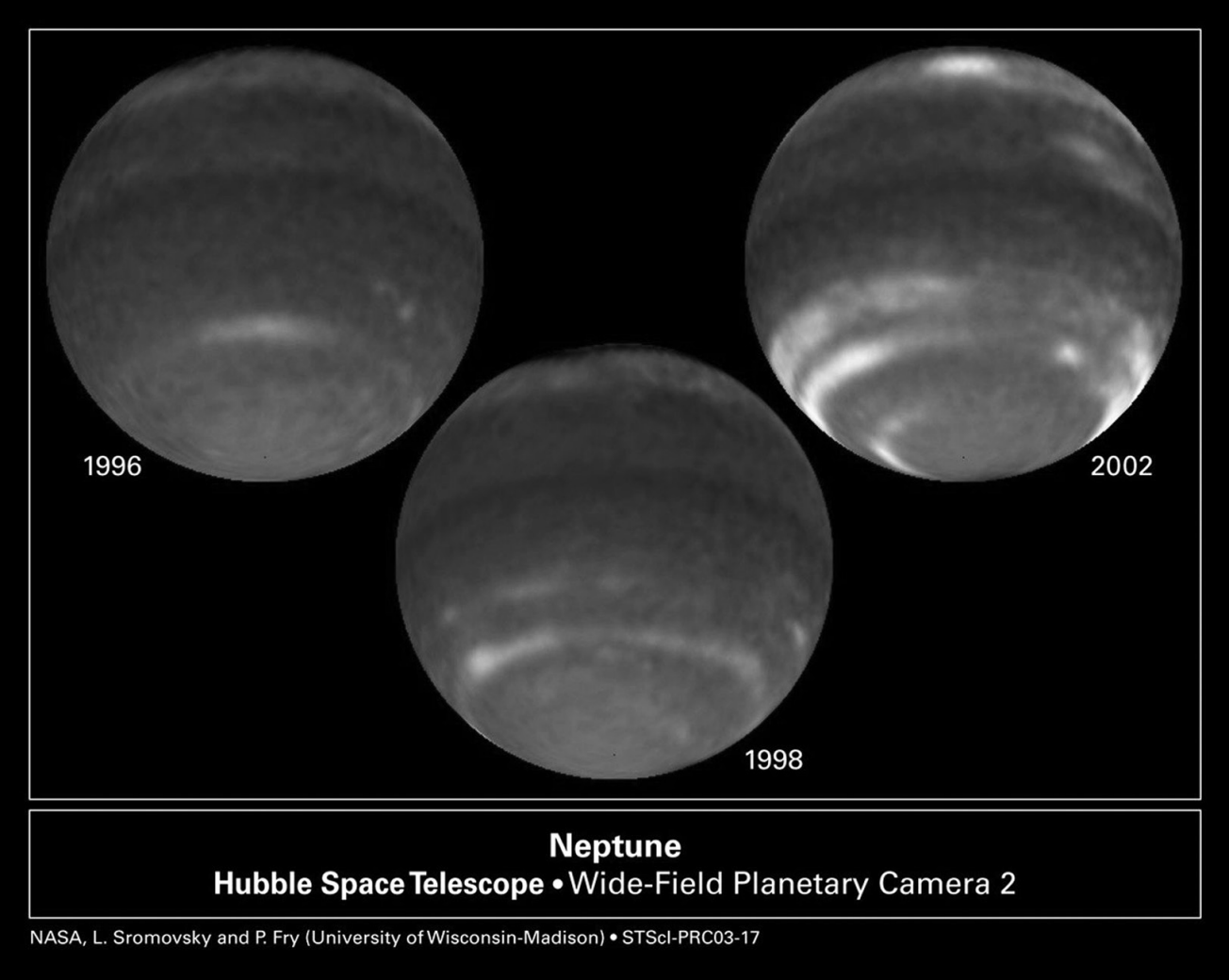
June’s Night Sky Notes: Seasons of the Solar System



Uranus rolls on its side with an 84-year orbit and a tilt just 8° off its orbital plane. Its odd tilt may be from a lost moon or giant impacts. Each pole gets 42 years of sunlight or darkness. Voyager 2 saw the south pole lit; now Hubble sees the north pole facing the Sun. Credit: NASA, ESA, STScI, Amy Simon (NASA-GSFC), Michael Wong (UC Berkeley); Image Processing: Joseph DePasquale (STScI)



An artist's rendition of Mars’ orbit around the Sun, and its seasons. Credit: NASA/JPL-Caltech



NASA Hubble Space Telescope observations in August 2002 show that Neptune's brightness has increased significantly since 1996. The rise is due to an increase in the amount of clouds observed in the planet's southern hemisphere. Credit: NASA, L. Sromovsky, and P. Fry (University of Wisconsin-Madison)

By Kat Troche of the Astronomical Society of the Pacific

Here on Earth, we undergo a changing of seasons every three months. But what about the rest of the Solar System? What does a sunny day on Mars look like? How long would a winter on Neptune be? Let’s take a tour of some other planets and ask ourselves what seasons might look like there.

Martian Autumn

Although Mars and Earth have nearly identical axial tilts, a year on Mars lasts 687 Earth days (nearly 2 Earth years) due to its average distance of 142 million miles from the Sun, making it

late autumn on the red planet. This distance and a thin atmosphere make it less than perfect sweater weather. A recent weather report from Gale Crater boasted a high of -18 degrees Fahrenheit for the week of May 20, 2025.

Seven Years of Summer

Saturn has a 27-degree tilt, very similar to the 25-degree tilt of Mars and the 23-degree tilt of Earth. But that is where the similarities end. With a 29-year orbit, a single season on the ringed planet lasts seven years. While we can’t experience a Saturnian season, we can observe a ring plane crossing here on Earth instead. The

most recent plane crossing took place in March 2025, allowing us to see Saturn’s rings ‘disappear’ from view.

A Lifetime of Spring

Even further away from the Sun, each season on Neptune lasts over 40 years. Although changes are slower and less dramatic than on Earth, scientists have observed

Legal Notice

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**Board of Appeals**  
Elkhart, Kansas

**NOTICE**

The Board of Appeals will conduct a public hearing at City Hall in Elkhart, Kansas, on Monday, July 7, 2025, at 5:00 pm to consider a variance for 104 N. Baca, Elkhart, Kansas. The public may attend the meeting or mail a letter to the Elkhart Board of Appeals, P.O. Box 640, Elkhart, Kansas 67950 to make a comment.

seasonal activity in Neptune’s atmosphere. These images were taken between 1996 and 2002 with the Hubble Space Telescope, with brightness in the southern hemisphere indicating seasonal change.

As we welcome summer here on

Earth, you can build a Suntrack model that helps demonstrate the path the Sun takes through the sky during the seasons. You can find even more fun activities and resources like this model on NASA’s Wavelength and Energy activity.

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**S-D**  
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**Syracuse Dairy** Morton County location is now accepting applications for milking positions starting at \$14.00 an hour with a \$250.00 signing bonus. Benefits include 401K, health insurance, dental insurance, and life insurance. Please apply in person at our office (751 SE CR 36, Syracuse, KS 67878) or call 620-492-2525.

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**Legal Notice**

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RESOLUTION NO: 2025-4 PUBLISHED ON: \_\_\_\_\_

**RESOLUTION REGULATING BURNING IN MORTON COUNTY, KANSAS**

**BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MORTON COUNTY THAT THE FOLLOWING RESOLUTION BE ADOPTED.**

WHEREAS, the Board of Morton County Commissioners, by the powers vested in it by Chapter 19, Article 1 of the Kansas Statutes Annotated may perform powers of local legislation, and

WHEREAS, the Board has determined that unregulated burning in Morton County has the potential of creating unreasonable loss to property and life, and

WHEREAS, the Board hereby enacts the following regulations regarding open burning in Morton County, Kansas and finds that the same do not conflict with existing state law uniform to all counties.

NOW, THEREFORE, THE BOARD OF MORTON COUNTY COMMISSIONERS HEREBY ADOPT THE FOLLOWING:

**SECTION 1 - DEFINITIONS**

**1. County Burn Ban** is a ban on Open, Management and Recreational Burning within specified areas of the County implemented by the Morton County Fire Chief or Morton County Sheriff when the Fire Chief is unavailable.

**2. Open Burning** is burning not defined herein as management, recreational, or residential burning.

**3. Management Burning** is burning for the purpose of crop, range, pasture, wildlife or watershed management.

**4. Recreational Burning** is burning for cooking or ceremonial purposes, on public or private lands regularly used for recreational purposes, when done in a way that is reasonable for existing conditions.

**5. Residential Burning** is burning carried out on a residential premises and incidental to the normal habitation of the dwelling.

**6. Inclement Weather** are weather conditions that are not conducive to safe or efficient burning operations as reported and forecast at the Morton County Airport (620-697-4973) or by the National Weather Service (<https://www.weather.gov/>) for the period in which burning is to be conducted, including:

- a. Steady state or wind gusts exceeding 15 m.p.h. for Open, Management, or Residential Burning;
- b. Visibility less than one mile for Open, Management, or Residential Burning;
- c. Overcast ceiling of less than 2,000 feet for Open, Management, or Residential Burning;
- d. Steady state or wind gusts exceeding 25 m.p.h. for Recreational Burning;
- e. Any period for which the National Weather Service has issued a Fire Weather Watch or Red Flag Warning for any portion of Morton County; or
- f. Any period for which a County Burn Ban has been put in place that affects the location of a proposed burn.

**SECTION 2 - JURISDICTION**

This Resolution shall be applicable to all unincorporated areas of the County. This resolution may be adopted by any city or other authority inside the County.

**SECTION 3 - PROHIBITED BURNING**

No person shall cause or permit Open, Management, Recreational, or Residential Burning on any premises except as provided herein.

**SECTION 4 - RESPONSIBILITY FOR BURNING**

Unless clearly established to the contrary, it will be presumed that the person who owns or controls property on which burning occurs has created or permitted the burn.

**SECTION 5 - CONDITIONS AND RESTRICTIONS**

**All Burning**

- 1. There shall be no burning during periods of Inclement Weather as defined herein.
- 2. All material must be dry to the extent possible and free of matter that will inhibit good combustion prior to being burned.
- 3. No person shall burn heavy smoke-producing materials including heavy oils, tires, and tarpaper.
- 4. No person shall conduct a burn that creates an unreasonable traffic, property or other safety hazard.
- 5. All burns shall be attended until completely extinguished.

**Open, Management and Residential Burning**

- 1. All planned Residential Burning must be reported to the Morton County Law Enforcement Center at 620-697-2151 prior to the planned burn.
- 2. There shall be no Open, Management, or Residential Burning from one hour before official sunset to one hour after official sunrise.

**Open and Management Burning**

- 1. All planned Open or Management Burning must be reported to the Morton County Law Enforcement Center at 620-697-2151 no more than 24 hours or less than 12 hour prior to the planned burn.
- 2. There shall be no Open or Management Burning within 1,000 feet of any occupied dwelling, unless the occupant of that dwelling has been notified prior to the burn.
- 3. There shall be no Open or Management Burning within 50 feet of any unoccupied structure.

**Open Burning**

- 1. Open Burning must comply with K.A.R. § 28-19-645 *et seq.*

**SECTION 6 - PENALTIES**

- 1. Any person who conducts burning operations in violation of this Resolution resulting in injury to the persons or property of others shall be guilty of a Class B nonperson misdemeanor.
- 2. Any person who conducts burning operations in violation of this Resolution shall be guilty of a Class C nonperson misdemeanor.
- 3. Any person who conducts burning operations in violation of this Resolution resulting in dispatch of emergency service personnel shall be responsible for the following costs to be paid within 30 days of dispatch:
  - a. \$150 per hour per emergency vehicle dispatched.
  - b. \$35 per hour per emergency personnel dispatched.

BE IT FURTHER RESOLVED: That this resolution shall be published once in the official county newspaper.

ADOPTED by the Board of County Commissioners of Morton County, Kansas, this 27th day of May, 2025.

BOARD OF MORTON COUNTY COMMISSIONERS

*[Signature]*  
J.W. FINN - CHAIRMAN

*[Signature]*  
JIM TUCKER

*[Signature]*  
ED ANDERSON

ATTEST:

*[Signature]*  
DINA SHORES - COUNTY CLERK

Official Seal  
Morton County, Kansas