



# November 2006

10:00 p.m. on November 1  
 9:00 p.m. on November 15  
 8:00 p.m. on December 1

**To use this chart:** hold the chart in front of you and turn it so the direction you are facing is at the bottom of the chart.

- **Bright Stars**
- **Medium Bright Stars**
- **Faint Stars**

**Scan the sky with binoculars:**  
 the darker the sky, the better.

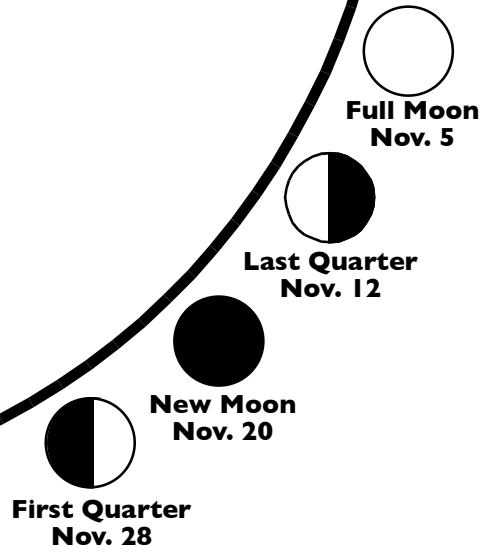
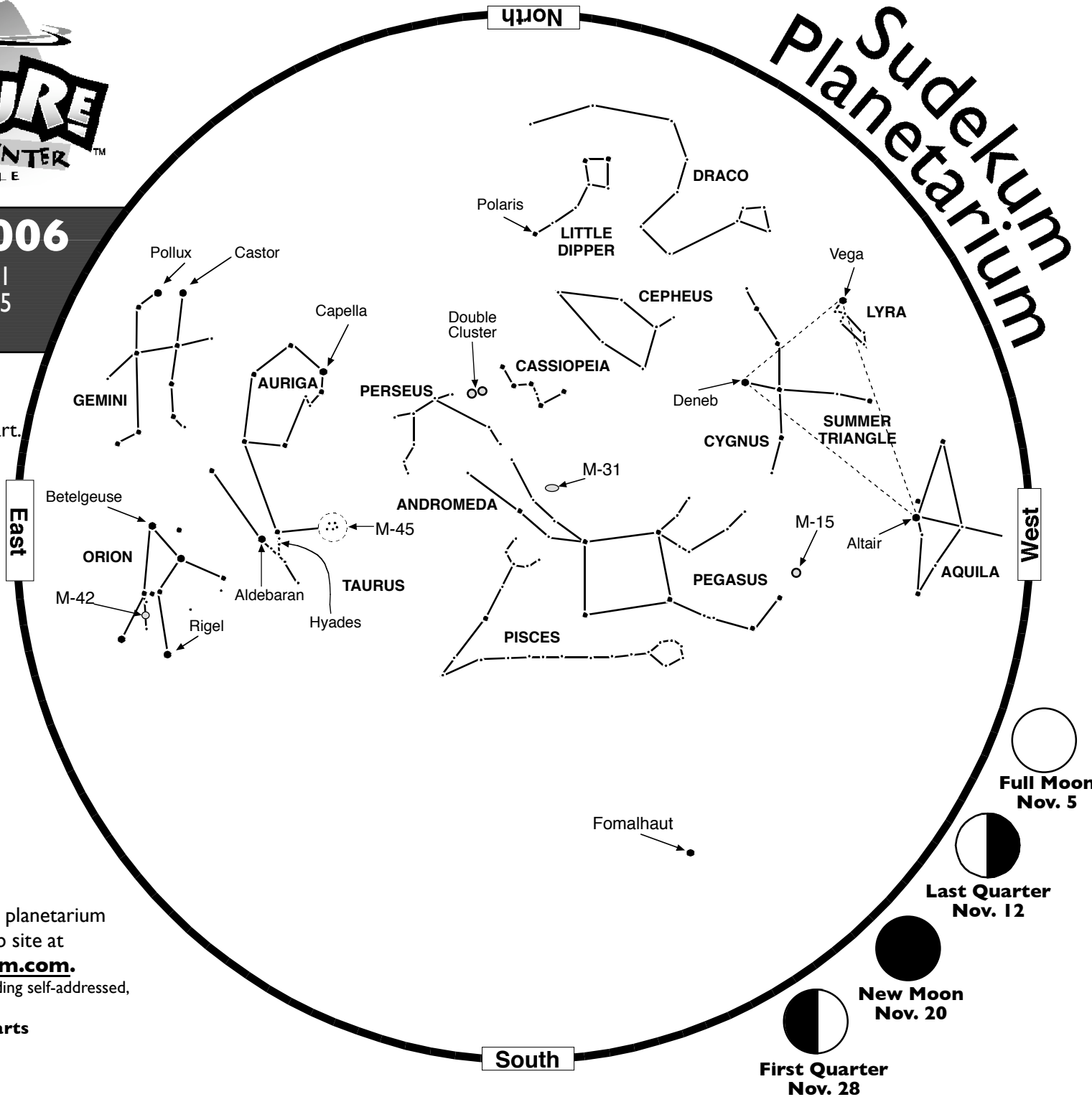
- **Globular Star Cluster:**  
 M-15 in Pegasus
- **Open Star Clusters:**  
 M-45 - The Pleiades  
 "Double Cluster" between Perseus and Cassiopeias  
 The Hyades form the face of Taurus
- **A Spiral Galaxy:**  
 M-31 in Andromeda
- **A Nebula:**  
 M-42 - the Orion Nebula

Monthly star charts, feature articles, and planetarium show schedules are available on our web site at

[www.SudekumPlanetarium.com](http://www.SudekumPlanetarium.com).

You may also receive monthly star charts by sending self-addressed, stamped envelopes (one per flyer) to:

**Sudekum Planetarium Star Charts**  
 800 Fort Negley Blvd.  
 Nashville, TN 37203-4899





## November 2006

### Yes, It's True!

Yes, the news you've heard is true - In January 2007, the Sudekum Planetarium will close as we begin construction on a new, state-of-the-art planetarium and a Sky and Space Wing full of exciting exhibits.

Needless to say, the planetarium staff is very excited about the future. We are also sad to think of the demolition of the current planetarium and seventeen months without our dome sweet dome.

Fortunately the planetarium staff won't be far away: monthly star charts will continue, the web site will continue, as will ASTROLINE and regular star parties with the Barnard Seyfert Astronomical Society. Behind the scenes we'll also be developing exhibits and new planetarium programs. No doubt about it, we'll be staying busy, and you'll see us around. Stay tuned and make sure to visit our web site for more details about our expansion!

### Suffering Planetarium Withdrawal?

To celebrate our planetarium home, we are planning to have a **Planetarium Marathon** on our last two days of public operation, **January 6 and 7, 2007**. Imagine 32 hours of non-stop planetarium excitement including favorites such as **Rusty Rocket's Last Blast**, **Hubble: Images of the Infinite**, and many other programs. Intermixed with these will be some oldies but goodies and even a few classic laser shows. Details are still being worked out, so check our web site for updates.

### Suffering Planet Withdrawal?

The only planet visible this month is **Saturn**, but you can only find it low in the eastern sky just before sunrise. In the meantime, if you want to see planets without the use of an alarm clock, visit the Sudekum Planetarium to see our newest, completely original

production, **Nine Planets and Counting**. How many planets do *you* think are there in the Solar System? Take a tour, and see for yourself. The answer may surprise you. See our web site for a complete program schedule.

### "SPACECRAFT" Lands in Nashville

SpaceForMusic.com is pleased to announce that internationally acclaimed ambient/electronic music recording artist, **SPACECRAFT**, will perform in Nashville on **Saturday, November 18th, 7:00 pm** at the Sudekum Planetarium. SPACECRAFT will perform their enchanting live music within the multimedia planetarium theatre.

This will be the first time SPACECRAFT has performed in Nashville since their Parthenon performance in 1999. SPACECRAFT has performed in churches, festivals, museums, theatres, and planetariums throughout the east and midwestern United States in the past and are excited to be featured as one of the final shows in the Sudekum Planetarium before construction starts to build a new planetarium in January of 2007.

The project "Spacecraft" was born in 1996 after a listening session of NASA image and sound mappings from the Voyager space probe. Tony Gerber and John Rose were so inspired by these recordings, they programmed a new palette of sounds for their synthesizers, triggered from these listening sessions. Next, they called on the talents of Chris Blazen and Diane Timmons to join them for several recording sessions that emerged as their first self-titled CD, "Spacecraft". Spacecraft's music is largely "of the moment" music. Each concert they do is different, unique to that particular venue.

SPACECRAFT is comprised of Nashville artist and veteran space musician Tony Gerber, Kentucky electronic music pioneer John Rose, and vocal synthesist Diane Timmons. SPACECRAFT has received heavy airplay on NPR's syndicated Echoes, Hearts of Space, Star's End, and many local radio stations around the U.S. and the world. Their music was used in the

Hollywood film "Vanilla Sky" in 2002. Kris McCall and Drew Gilmore, visual artists at the Sudekum Planetarium, will join them creating a visual mood for the evening.

Here is what public radio dj David Devers has to say: "The electronic music of SPACECRAFT is at once enticing and challenging. With each SPACECRAFT concert one is easily drawn into the deep infinity of the universe, while simultaneously being reminded of the very tribal nature of our own kind. You will float peacefully on the marvelous, ambient tapestries of sound woven by SPACECRAFT, and you will be swept away for a futuristic, musical confrontation with the heavens."

This will be a family friendly concert lasting approximately 75 minutes. Tickets will be \$10 per person for everyone 3 years and older. Check our web site for details on when and where to purchase tickets.

### Is Pluto A Planet?

Dr. David Weintraub of Vanderbilt University will soon publish a book exploring that very question. Obviously, with the International Astronomical Union's decision to demote Pluto, there has been an explosion of interest in the definition of a "planet" and a "dwarf planet". Along the way to defining planethood, Weintraub touches upon major astronomical discoveries ranging from Uranus, Neptune, Ceres, to the Kuiper Belt and beyond.

Dr. Weintraub will present a talk on Pluto and discuss his book and his opinion on the matter at a presentation in early December at the Adventure Science Center. Keep an eye on our web site for more details as they become available.

### Star Parties

The next star party is Friday, **November 17, 2006**, 8:00 to 10:00 PM at the Visitors Center at Longhunter State Park. We'll be watching for the Leonid meteor shower on a good, dark, moonless night. Visit our web site for more details, tips for attending star parties, and a list of future events.

*For information about programs and events at the Sudekum Planetarium and Adventure Science Center, visit [www.SudekumPlanetarium.com](http://www.SudekumPlanetarium.com)*

*For current night sky information, call AstroLine at 615-401-5092.*