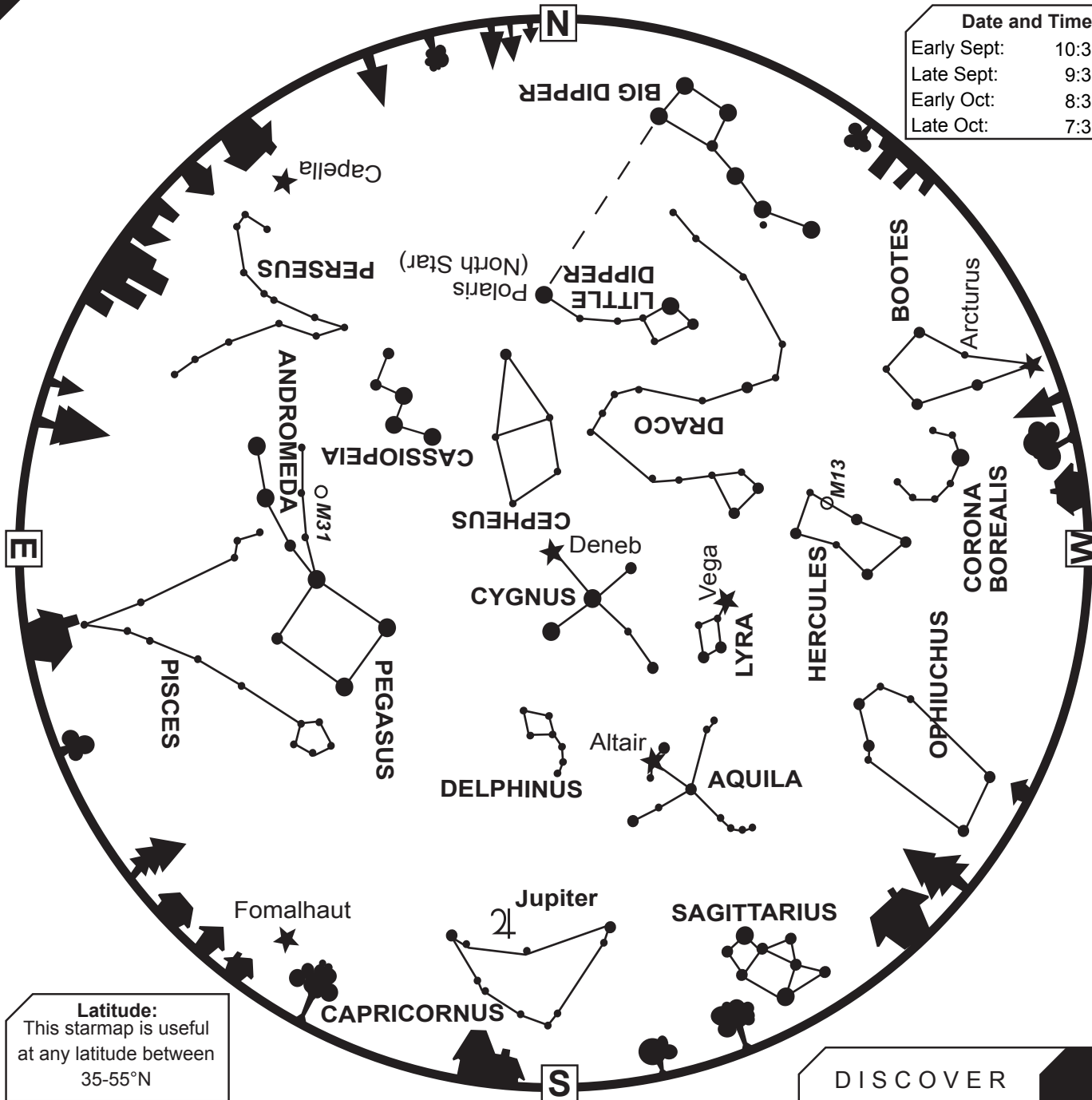


2009 SEPTEMBER-OCTOBER STARMAP

Date and Time:	
Early Sept:	10:30 P.M.
Late Sept:	9:30 P.M.
Early Oct:	8:30 P.M.
Late Oct:	7:30 P.M.

- How to Use This Map:**
1. Find North in the sky using the Big Dipper and the North Star.
 2. While facing North, hold the starmap straight in front of you with NORTH at the bottom.
 3. Look for the constellations in that area of the sky.
 4. When you want to look at other areas, always turn the map so that the direction you're facing is at the bottom of the map.

- Key:**
- CONSTITUTION NAMES**
 - Star Names
 - STAR GROUP NAMES
 - Deep Sky Object Designations*
 - Planet Names
- ★ 1st magnitude stars
 - 2nd magnitude stars
 - 3rd magnitude stars
 - 4th magnitude stars
 - Deep sky objects:
 - M13 - Hercules Globular Cluster
 - M31 - Andromeda Galaxy
 - Planets:
 - ♃ - Jupiter



Latitude:
This starmap is useful
at any latitude between
35-55°N



A Flag for Mars

Many of us humans use flags to represent groups we belong to. We use various symbols on those flags to that are meaningful to us. Can you identify the flags below? What do the symbols mean? What colors are they supposed to be? What do the colors mean?



Now make your own!

What symbols do you think Martians might put on their flags? What about humans going to Mars, do you think they might like to have a flag that represents their mission? Use the space above to design a flag for Mars. What does each part of the flag mean? How many colors would you use?

The Willard Smith Planetarium Astronomy Hotline:
206-443-2920



The Willard Smith Planetarium is now booking private shows for your special occasion. For more information, please call our group sales and special events line at: **206-443-3611**.

Astronomy Internet Resources

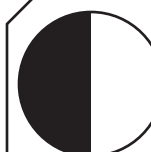
Space Weather (Solar Cycle Info)
<http://www.spaceweather.com>

Sky Information:
<http://stardate.org/nightsky/weekly.php>

UW Observatory:
<http://www.astro.washington.edu/groups/outreach/tjo/>

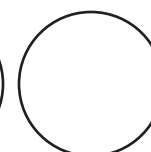
Seattle-Area Astronomy Events:
<http://www.seattleastro.org>

Advanced Astronomy Updates:
<http://www.PacificScienceCenter.org/AstroInfo>



**First
Quarter**

Sept 25
Oct 25



**Full
Moon**

Sept 4
Oct 4



**Third
Quarter**

Sept 11
Oct 11



**New
Moon**

Sept 18
Oct 17

September 22 is the Fall Equinox

DISCOVER

PACIFIC SCIENCE CENTER