The star chart includes only the brightest stars to avoid cluttering the chart. The constellations are labeled, and the lines connecting their stars will help you find these celestial groupings.

### September Moon Phases
- Last Quarter: Sept. 4
- New Moon: Sept. 12
- First Quarter: Sept. 20
- Full Moon: Sept. 27

Mercury is visible in the evening until about September 24. Venus, Mars, and Uranus are visible in the morning. Jupiter reappears in the morning sky around September 10. Saturn can be seen in the evening. Neptune is at opposition on September 1, so it can be seen most of the night.

### Join us for these 2015 special events

- **O‘ahu Events**: call (808) 956-8566.
- **Mānoa Events**: Events and news for all islands are posted on our homepage: www.ifaf.edu.edu. Follow our Press Releases at http://www.ifaf.edu/info/press-releases/.
- **Maui Events**: call (808) 573-9516
- **Hawaii Island Events**: see www.mkaoc.org.

Some of the most exciting science in the world is happening at the Institute for Astronomy (IfA), and you can be part of it! IfA scientists conduct research into galaxies, cosmology, stars, planets, and the Sun, as well as teaching undergraduate and graduate students at the University of Hawaii. We invite you to become part of the Friends and explore our amazing universe.

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