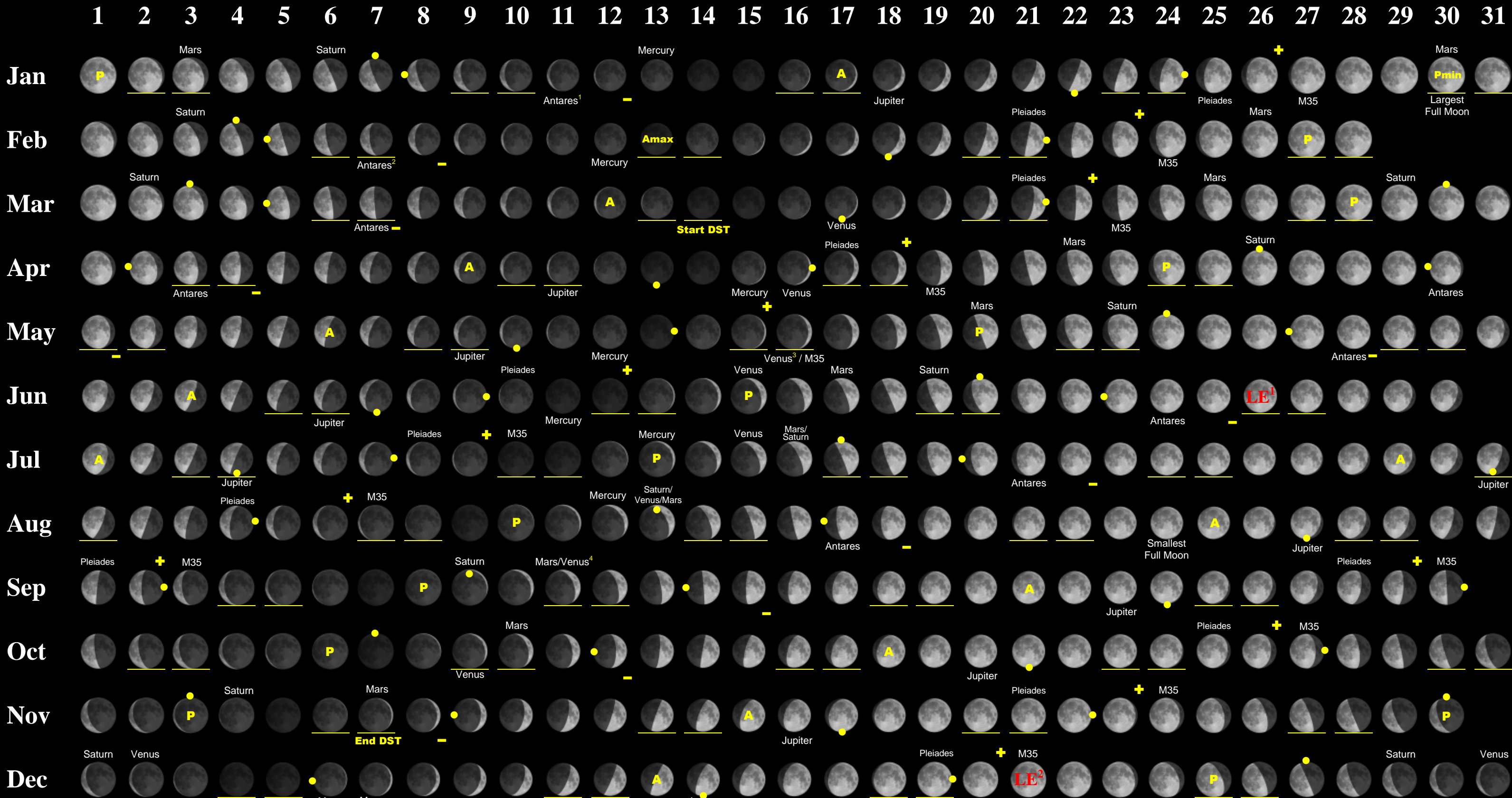


2010 Moon Phase Calendar

© Newcastle Observatory, newcastleobservatory.com, MPC Observatory Code H61



The phase of the Moon is depicted for each day of the year at 9 PM Eastern Standard Time (10 PM Eastern Daylight Savings time). Phases for Saturdays and Sundays are underlined. The following circumstances occur on the UT date (0h UT is 7 pm EST), which is the previous evening in the western hemisphere: The '•' symbol denotes maximum north, south, east and west limb exposures due to Lunar libration. The symbols '+' above and '-' below each phase denote the maxima and minima of the Moon's declination in each month. The letters 'A' and 'P' denote the Moon's Apogee (furthest from Earth) and Perigee (closest to Earth). 'Amax' and 'Pmin' denote the maximum and minimum distances for the year. 'LE' denotes Lunar Eclipse. Eclipse type and visibility: LE¹ Partial (Penumbral) eclipse, most of the Americas, Pacific, and Asia; LE² Total eclipse, North and Central America, parts of South America. Planets, brighter stars, and other objects within 10 degrees of the Moon are indicated as being above or below the Moon for the date shown. Occultations by the Moon visibility: 1. NE US, Eastern Canada; 2. Aleutian Islands, SW Alaska, Bearing Sea; 3. North Africa, Turkey, Middle East, India, southern China, Indonesia; 4. Eastern Brazil, southern Atlantic Ocean, SW Africa, South Indian Ocean.