The following list contains *approximate* times when the objects and events will be seen with the unaided eye. Viewing equipment will show the objects at earlier times.

The list also contains degrees above the horizon at that time, and direction.

“Mag” stands for magnitude, which is brightness. The lower the number, the brighter the object or event.

“Class” refers to the color and surface temperature of a star. Class “O” stars are hottest...
O <blue>
B <blue-white>
A <white>
F <yellow-white>
G <yellow>
K <orange>
M <red>

____ 7:55pm = Sirius *{brightest star in night sky}* [class A, mag -1.5, 30° in SW]
____ 8:10pm = Arcturus [class K, mag 0.0, 27° in E]
____ 8:10pm = Capella [class G, mag 0.1, 38° in NW]
____ 8:10pm = Rigel [class B, mag 0.2, 16° in W]
____ 8:15pm = Procyon [class F, mag 0.4, 53° in SW]
____ 8:15pm = Betelgeuse [class M, mag 0.7, 52° in W]
____ 8:15pm = Mercury *{will appear in half-phase}* [mag 0.4, 13° in W]
____ 8:25pm = *At this time all white light will be extinguished.*
____ 8:40pm to 8:50pm = predicted visible pass of a 1963 Atlas Centaur [mag 2.1, SW to E, max. 57°]