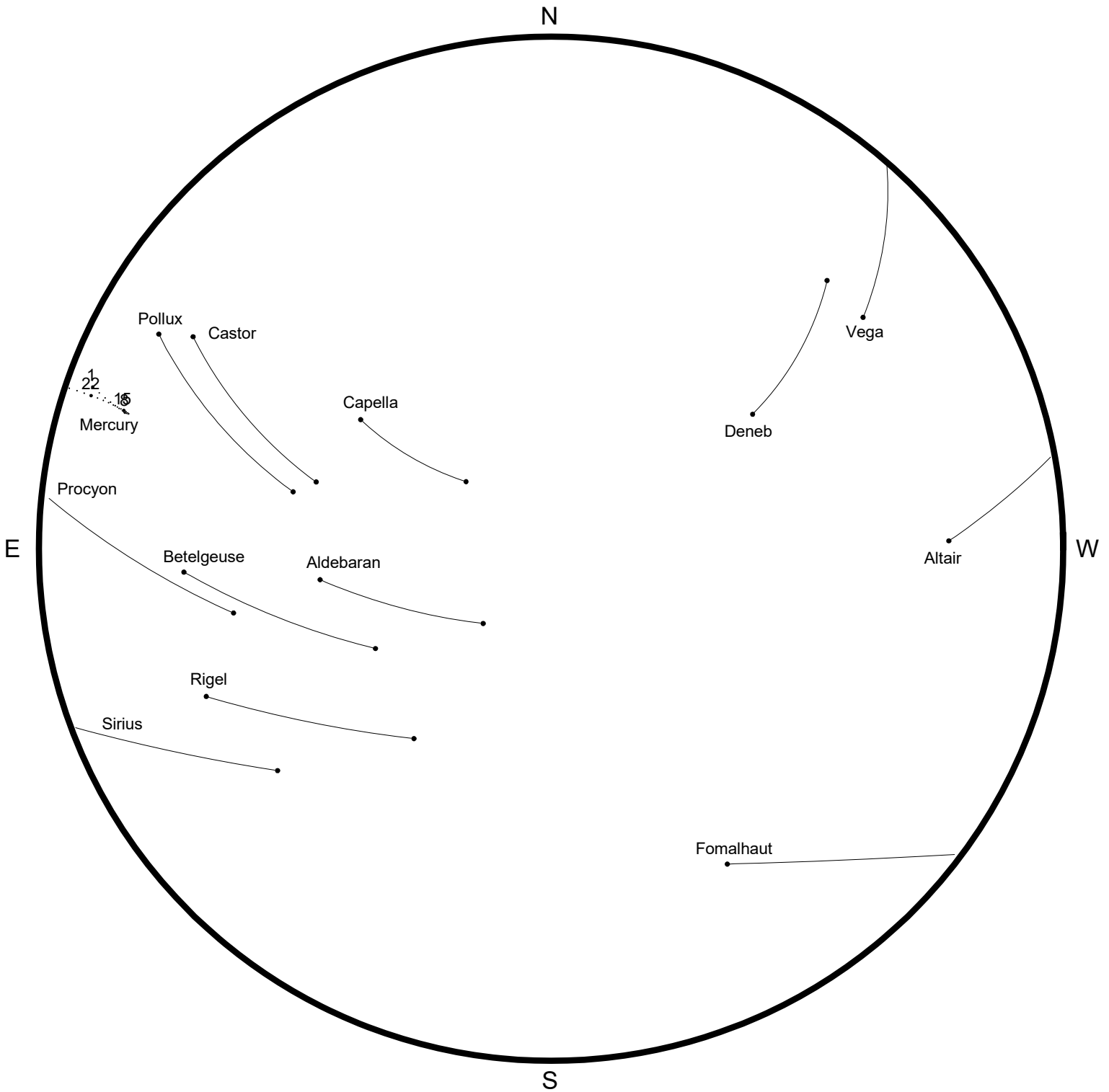


Planets and Bright Stars in Morning Mid-Twilight For August, 2019

This sky chart is drawn for latitude 34 degrees north,
but may be used in southern U.S. and northern Mexico.



Morning mid-twilight occurs
when Sun is 9° below horizon.
Aug. 1: 44 minutes before sunrise.
15: 42 " " "
31: 40 " " "

Stereographic Projection
Map by Robert D. Miller