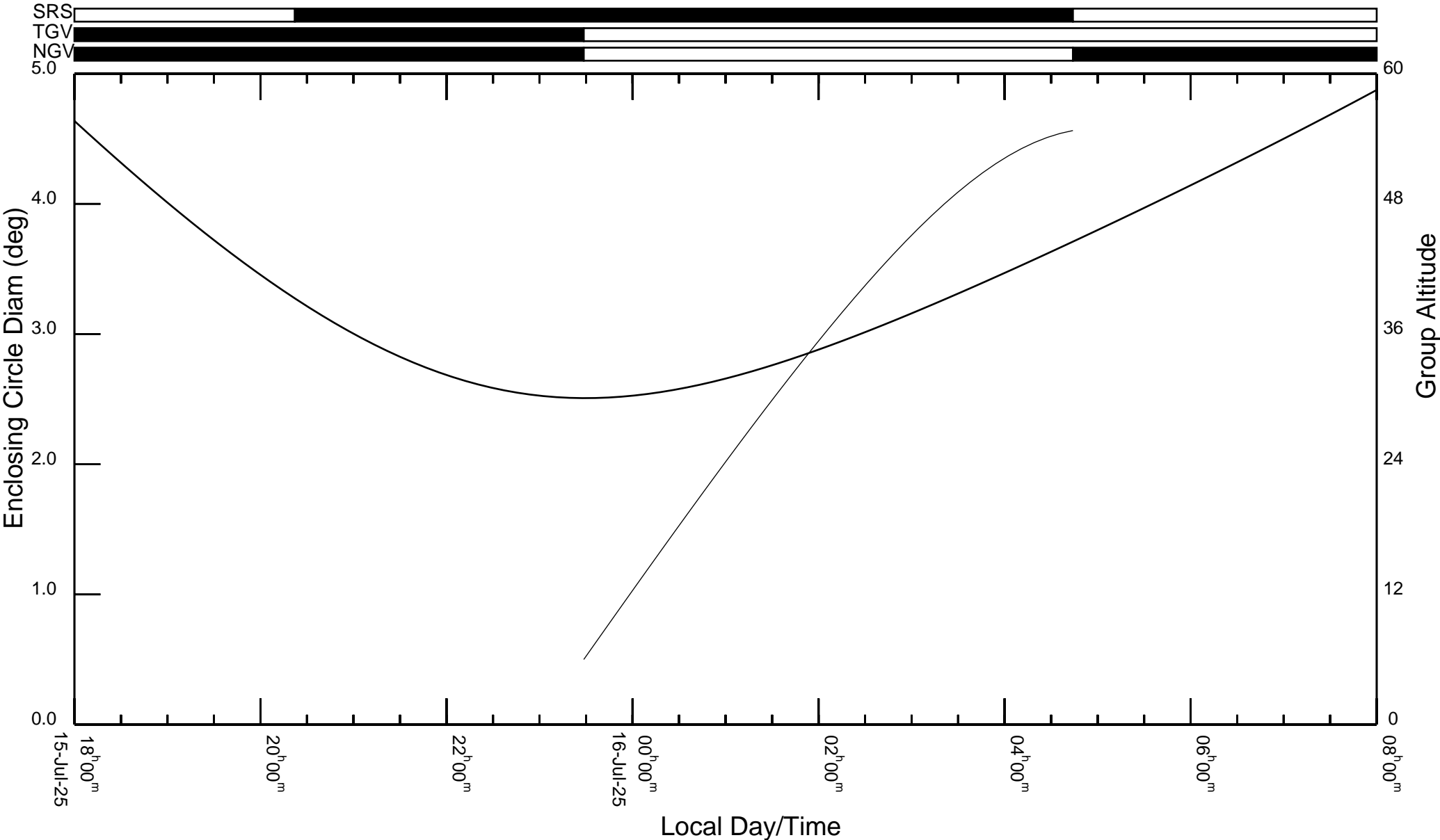


2025-07-16 Saturn/Neptune/Moon  
SRS bar: Sun rise/set through -8 deg altitude. White is daytime. Black is night.  
TGV bar: Group rise/set through +5 deg altitude. White is group up (visible --day or night). Black is group down (never visible).  
NGV bar: Night group visibility. White shows group up at night. Otherwise black.  
Altitude curves (RH Y axis) are plotted for NGV windows.  
More information about visibility on Page 2.



2025-07-16 Saturn/Neptune/Moon [Case 3]

This is a group of three or more objects containing Uranus or Neptune. It can only be seen at night by the 5.5 TEC when the enclosing circle is < 3 degrees and possibly by other telescopes if the separation is small enough. See the plot.

The NGV bar white windows show the times the group is up at night.

Windows when this group is visible  
(If more than 35, some will be skipped)

Only at night (NGV)

15-Jul-25 23:28 to 16-Jul-25 04:44

V Mags at minimum separation time

Saturn 0.89

Neptune 7.74

Moon -- see diagram

