

2026-04-20 Mercury/Mars/Saturn

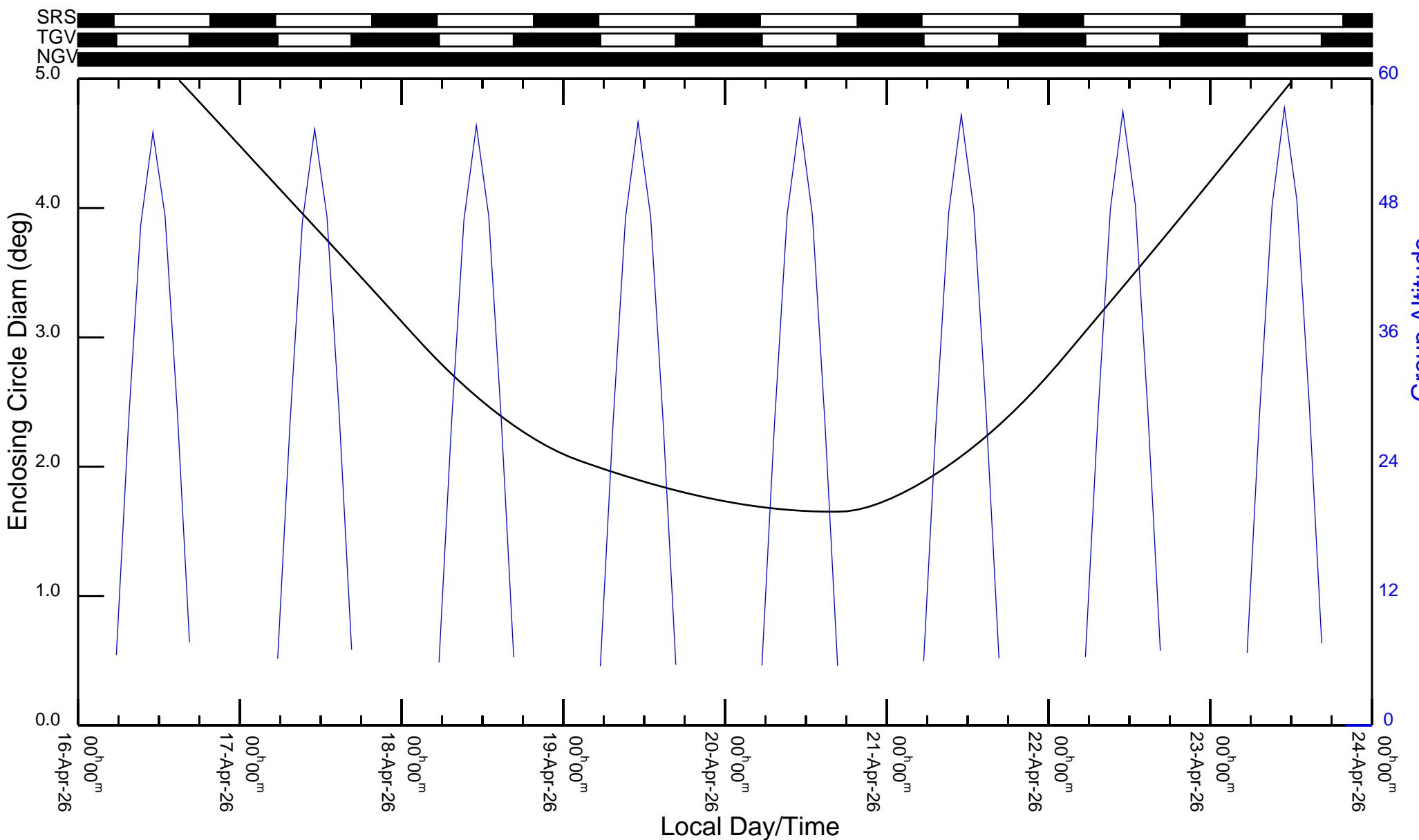
SRS bar: Sun rise/set through -8 deg altitude. White is daytime. Black is night.

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 TGV windows (in blue).

More information about visibility on Page 2.



2026-04-20 Mercury/Mars/Saturn [Case 5]

This group of three or more objects is visible at night by eye.

It will be visible in 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.

It may also be visible in the daytime by telescope if the group members are bright enough.

V mags are given below.

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

The TGV bar white windows show the times the group is up day and night.

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

Only at night (NGV)

Day and night (TGV)

16-Apr-26 05:40 to 16-Apr-26 16:31
17-Apr-26 05:37 to 17-Apr-26 16:35
18-Apr-26 05:33 to 18-Apr-26 16:38
19-Apr-26 05:29 to 19-Apr-26 16:41
20-Apr-26 05:28 to 20-Apr-26 16:42
21-Apr-26 05:28 to 21-Apr-26 16:38
22-Apr-26 05:28 to 22-Apr-26 16:35
23-Apr-26 05:28 to 23-Apr-26 16:32

V Mags at minimum separation time

Mercury -0.19

Mars 1.22

Saturn 0.93