

2025-07-05 Saturn/Neptune

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

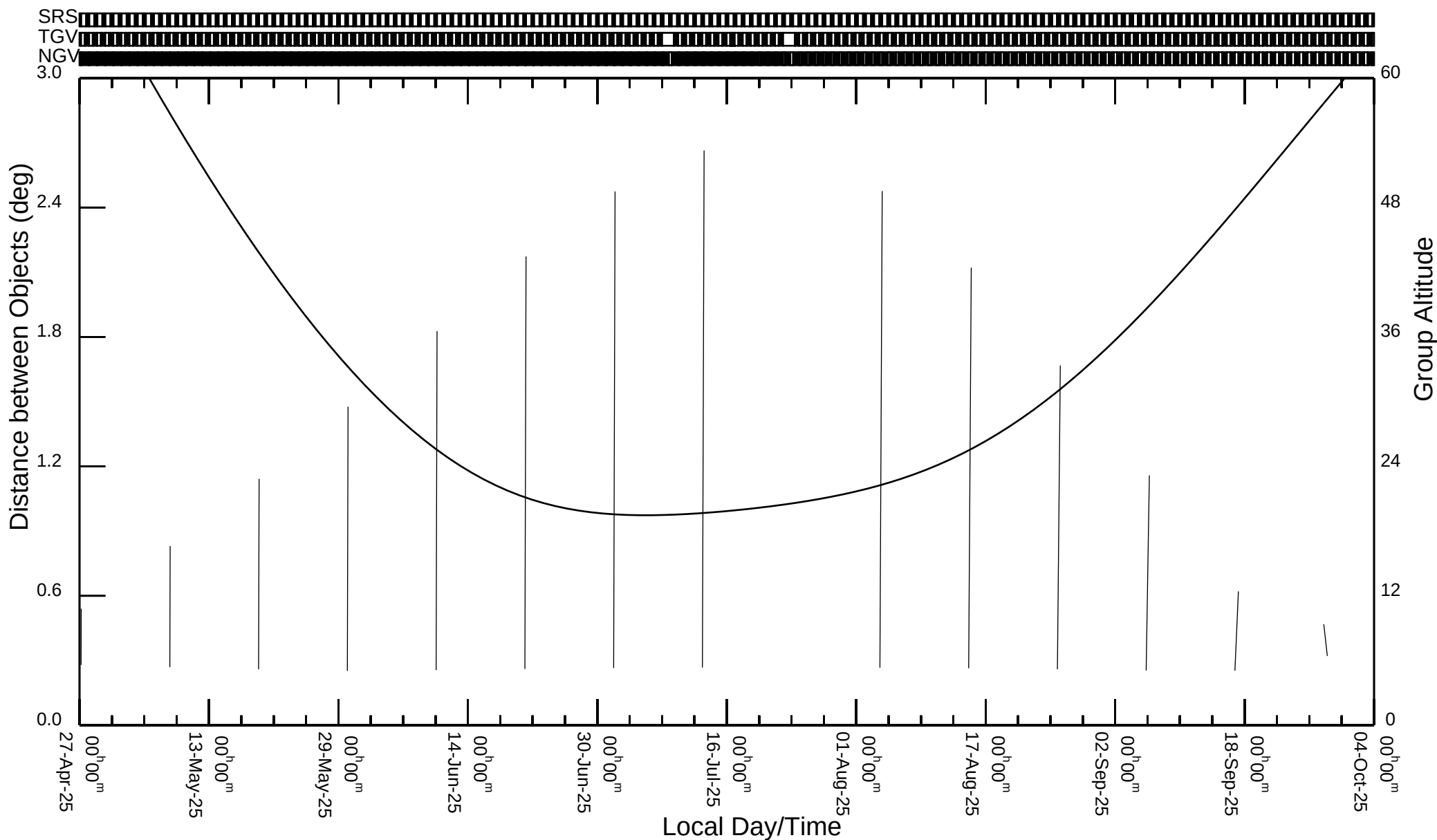
TGV bar: Group rise/set through +5 deg altitude. White is group up (visible --day or night). Black is group down (never visible).

NGV bar: Night group visibility. White shows group up at night. Otherwise black.

Altitude curves (RH Y axis) are plotted for NGV windows.

Altitude plotted for only every 11th window.

More information about visibility on Page 2.



2025-07-05 Saturn/Neptune [Case 1]

This is a group of two objects containing Uranus and/or Neptune. It can only be seen at night by the 5.5 TEC, and possibly by other telescopes if the separation is small enough.

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)

27-Apr-25 04:36 to 27-Apr-25 05:02
02-May-25 04:17 to 02-May-25 04:56
07-May-25 03:57 to 07-May-25 04:50
12-May-25 03:38 to 12-May-25 04:45
17-May-25 03:19 to 17-May-25 04:41
22-May-25 02:59 to 22-May-25 04:37
27-May-25 02:40 to 27-May-25 04:34
01-Jun-25 02:21 to 01-Jun-25 04:32
06-Jun-25 02:02 to 06-Jun-25 04:30
11-Jun-25 01:43 to 11-Jun-25 04:30
16-Jun-25 01:24 to 16-Jun-25 04:30
21-Jun-25 01:05 to 21-Jun-25 04:30
26-Jun-25 00:46 to 26-Jun-25 04:32
01-Jul-25 00:26 to 01-Jul-25 04:34
06-Jul-25 00:07 to 06-Jul-25 04:37
10-Jul-25 23:48 to 11-Jul-25 04:40
15-Jul-25 23:28 to 16-Jul-25 04:44
20-Jul-25 23:08 to 21-Jul-25 04:47
25-Jul-25 22:49 to 26-Jul-25 04:52
30-Jul-25 22:29 to 31-Jul-25 04:56
04-Aug-25 22:09 to 05-Aug-25 05:00
09-Aug-25 21:49 to 10-Aug-25 05:05
14-Aug-25 21:28 to 15-Aug-25 05:09
19-Aug-25 21:08 to 20-Aug-25 05:13
24-Aug-25 20:48 to 25-Aug-25 05:17
29-Aug-25 20:27 to 30-Aug-25 05:22
03-Sep-25 20:07 to 04-Sep-25 05:26
08-Sep-25 19:46 to 09-Sep-25 05:29
13-Sep-25 19:26 to 14-Sep-25 05:33
18-Sep-25 19:06 to 19-Sep-25 05:37
23-Sep-25 18:56 to 24-Sep-25 05:36
28-Sep-25 18:49 to 29-Sep-25 05:15
03-Oct-25 18:42 to 04-Oct-25 00:00

V Mags at minimum separation time

Saturn 0.94

Neptune 7.75