

Log CHARA/VEGA 2018-12-18

Observers : Fred & Anthony Salsi (Calern), Olli (CHARA)

00:45 Arriving at GI2T.

00:50 The weather is very bad (clouds cover), humidity over 90%.

02:33 Seeing indicates a value of « $R_0 = 100000003318135351409612647563264.00$ cm ». That's a pretty good one.

09:27 Humidity seems to considerably decrease, reaching now 80% for almost all telescopes.

Configuration: E1P1B1 – E2P2B2 (CLIMB tracking)

10:45 Humidity is dropping now, let's observe !

11:02 VEGA alignment.

V52 (Nicolas Nardetto)

11:09 HD52973.2018.12.18.11.09

$R_0 \sim 12$ cm.

E1 = -1000 um, Climb B1 = 6.608, Climb B2 = 4.588.

11:20 HD49908.2018.12.18.11.20

E12 = -940 um.

11:31 HD52973.2018.12.18.11.31

E1 = -960 um.

11:44 HD49908.2018.12.18.11.44

E1 = -870 um.

$R_0 = 7$ cm.

11:56 HD52973.2018.12.18.11.56

E1 = -900 um.

E1 kart lost during record. Delete blocks 3 to 8, we add 5 more blocks (25 blocks in total)

12:11 HD54801.2018.12.18.12.11

E1 = -910 um.

12:22 HD52973.2018.12.18.12.22

E1 = -770 um.

12:36 HD49908.2018.12.18.12.36

E1 = -640 um.

R_0 = 6 cm.

Tracking is not very good for this record. CLIMB fringes are transient.

12:47 D_CM720.2018.12.18.12.47

Configuration: S2P5B – S1P4B2 (CLIMB tracking)

13:04 HD52973.2018.12.18.13.04

S2 = 180 um, Climb B1 = 7.289, Climb B2 = 4.568.

13:16 HD49908.2018.12.18.13.16

S2 = -30 um.

13:28 HD52973.2018.12.18.13.28

S2 = -30 um.

Transient flux (surely due to clouds).

13:40 HD49908.2018.12.18.13.40

S2 = -270 um.

4 first blocks need to be deleted. We recorded 4 more blocks (so 24 blocks in total)

13:56 HD52973.2018.12.18.13.56

S2 = -320 um.

14:07 D_CM720.2018.12.18.14.07