

Night Reports: 18 August 2008

165 cm Telescope:

Group 3: 22:00 – 02:15

Collected data:

- Object: WASP-2 transit
- Telescope: 165cm
- Number of data points: 288 frames in total, ~30 overexposed frames (wrong), ~10 frames cloudy (not visible), ~60 of them biases and Flats.
- Exposure times used: 5,7,8,12, 16, 20, 22, 25s.
- Start 18:00 (UT)
- End 23:15 (UT)

Other info:

The good frames ended coming up at 23:00, since the clouds covered the sky. However, we wouldn't be able to observe full transit, since it was supposed to end at 2:36 local time and our telescope usage time slot was till 2:15. The sky during the observations was clear and frames should be suitable for photometry.

Observers: Gintaras & Vitalii

Group 7: 02:15 – 04:00

Observing start time: UT 24h 00m

Observing end time: UT 24h 30m

Weather conditions: variable - cloudy

Target: WASP3

Magnitude: V 10.48 mag

Exposures: 6 x (3s - 25s) I filter

6 x (3s - 25s) V filter

63 cm Telescope:

Group 4: 22 – 01

Observers: Carina and Sarunas

Telescope: 63cm, 20080818 22-01

Targets: 5 exposures of the exoplanet HAT-P-2b
10 exposures of V2109Cyg

Maksutov Telescope:

Group 5: 22 – 01

Objects: Two fields has been observed near ecliptic for asteroid search. 3 images in time intervals of 2030 min was obtained for each field.

Field one: 7.5x0.5 deg, alpha=21h 28m 41s, delta= 4 to 11 deg

Field two: 6x0.5 deg, alpha=19h 46m 35s, delta= 11 to 16.5 deg

Other info/Weather conditions: Weather conditions was good.

IAC-80:

Group 6: 23:00 – 02:00

Observers: Perttu & Edita

Exoplanet transit WASP2-b:

Target coordinates: 20 30 54.130 +06 25 46.37

We were supposed to observe the transit of exoplanet WASP2-b, but due to pointing problems, we weren't successful.

We started taking flatfields roughly at 23:15. After taking nine flats, we tried pointing at the target, but couldn't find it from the field. To check the pointing, we tried to find Vega, but even this was unsuccessful. Technicians at IAC80 took over the control of the telescope and tried to get the pointing fixed, but by 2:00 they still weren't successful.

Group 9: 02:00 – 04:15

Collected data: None due to technical difficulties.

Comments: Telescope pointing was off.

Nordic Optical Telescope:

Group 7: 23:00 – 02:00

Observing start time: UT 20h 45m

Observing end time: UT 23h 00m

Weather conditions: optimal

Target	Magnitude	Exp. time
BD+173248	V=9.4 mag	4200 s
HD170000	V=4.2 mag	120 s
HD184905	V=6.6 mag	600 s
HIP105370	V=6.1 mag	200 s

Group 8: 02:00 – 04:15

Observations start time: UT 23:30

Observations end time: UT 01:15

Weather conditions: Optimal

Target Exposure time

HIP 107445 180s

HR 8097 24*60s

HD 170000 120s

HD 184905 360s