Observing Schedule: 13 August 2008

165 cm Telescope:

Group 7: 22 – 01

Time Series Photometry of WASP-3b: Exoplanet transit (Depth: 1.14%)

Observed Transit Duration: 159.8 Minutes

Begin Transit Window	PREDICTED CENTRAL TRANSIT All Times UT	End Transit Window
	HJD Year M D H M	
2454692.30 2008 8 13 19 17	2454692.36 2008 8 13 20 38	2454692.42 2008 8 13 21 59

Transit will begin at: LT: 22:17 and end at LT: 00:59

Group 10: 01 – 04

First 30-40 min: Continued time series photometry of WASP-3b
Rest of the night: Time Series Photometry of RXJ 2117+3412

63 cm Telescope:

Group 8: 22 – 01

HAT-P-2b – Beginning of night. 20 exposures
V2109 Cyg – Rest of the night.

Group 1: 01 – 04

V2109 Cyg

Maksutov Telescope:

Group 9: 22 – 01

Asteroid Search Program

Group 2: 01 – 04

Asteroid Search Program

Team	G/7
Telescope	165 cm at Moletai Observatory
Night	Night of 13^{rd} August from 22:00 to 01:00 Local Time
Proposed Target	Exoplanet Transit Exoplanet WASP-3b around star USNO-B1.01256-0285133 V 10.485 Period 1.85 days Transit duration 0.11 days
Coordinates of Object	α : 18 34 31.625 δ : +35 39 41.55

Comments

WASP-3 has been highlighted as a high priority candidate for future study of exoplanet (Street et al. 2007). It is one of the hottest exoplanets known up to now due to its proximity to the host star, and can be a good template to constrain exoplanets atmospheric models (Pollacco et al. 2008)

Team: 10/J

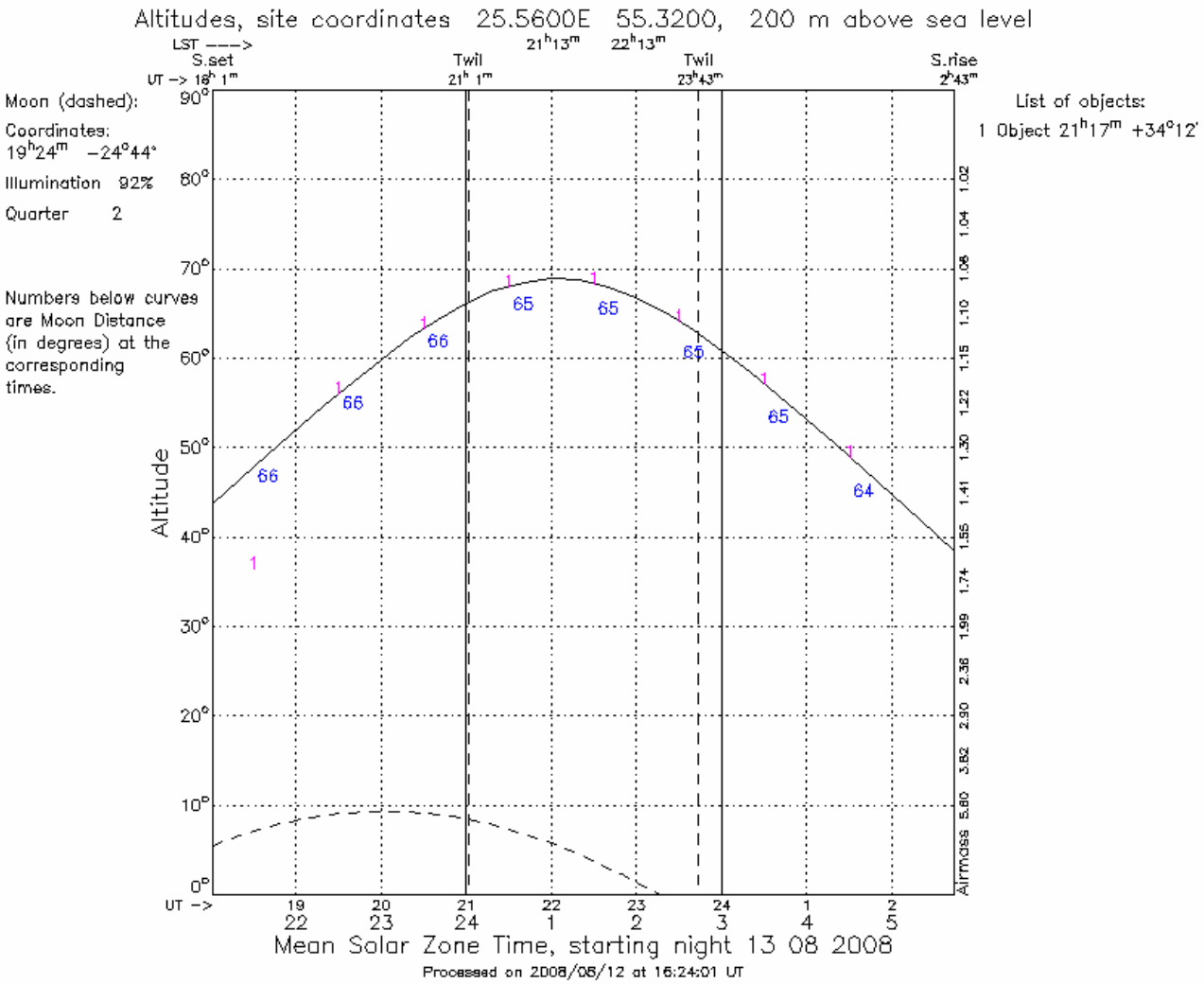
Telescope: 1.65 m (Moletai Astronomical Observatory)

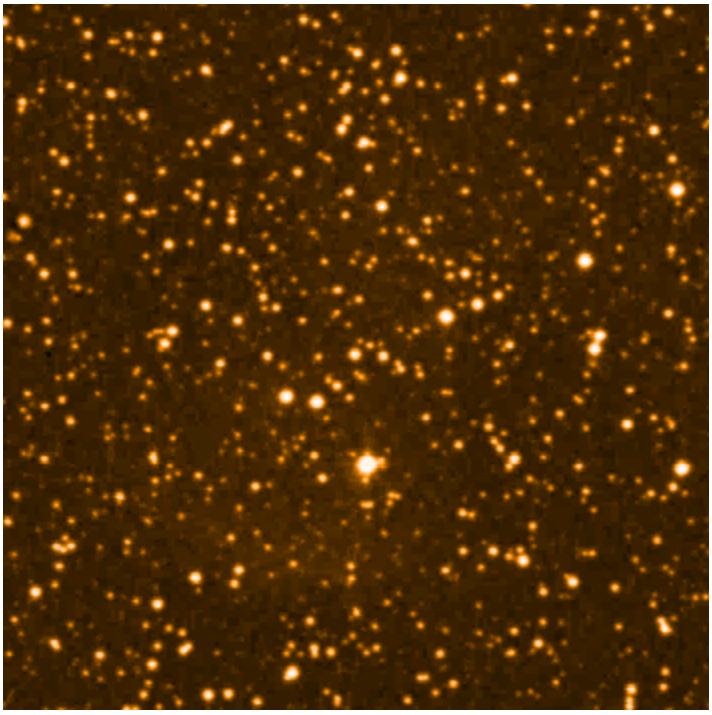
Night: 13 August, 01:00 – 04:00 (Local Time)

Proposed Target: Time Series Photometry of RXJ 2117+3412

V = 13.16 mag Period ~800 s Amplitude = 50 mmag

Coordinates: α: 21 17 07 δ: +34 12.4





$\sigma(n) = 0.76$ mmag
$\sigma\ (a) = 0.08$ mmag
$\sigma\ (f) = 8.2 * 10^{-8}$ Hz $= 0.08\ \mu$Hz

ΔT (Nyquist) = 160s
integration time = 60 s
T = 3 hours (duration of observations)
N = 180 (number of measurement points)

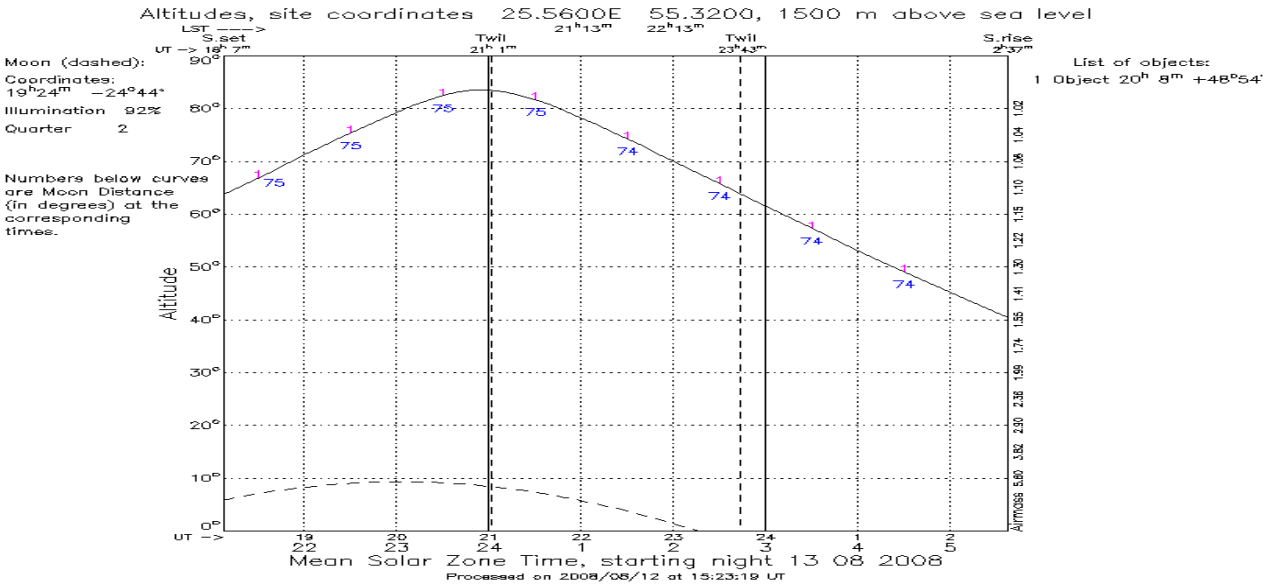
Team: 8/H

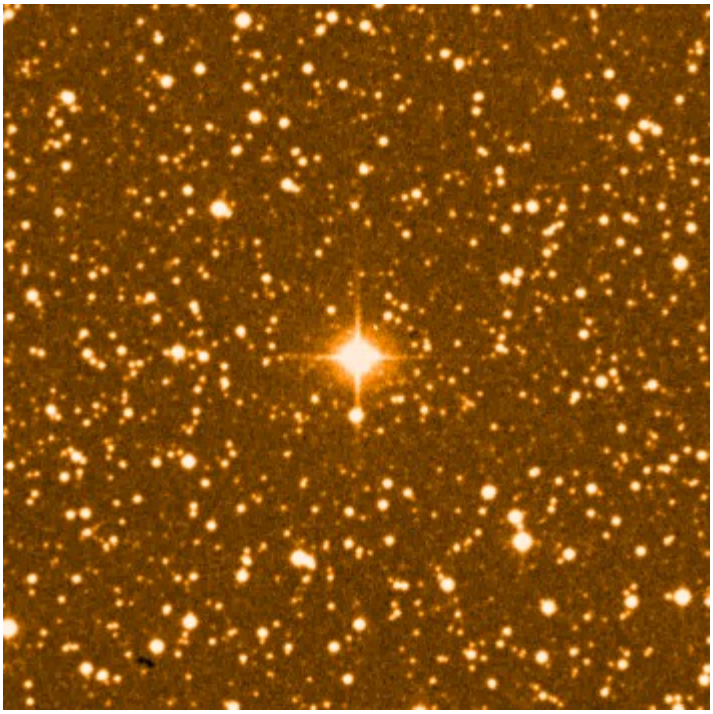
Telescope: 63cm

Night: 13. august 22-01

Proposed target: V2109 Cyg

Coordinates: 20 08 50.4194 +48 54 39.423





Hi Hans

here is our proposal for observing time on the CORAVEL we want to use target V2109

With kind regards

Eugene and Thomas

Team: 9/I

Telescope: Maksutov

Night: 13 August: 22:00-01:00

Proposed target: Search for asteroids.

Team: 2/B
Telescope: Maksutov
Night: 13 August: 01:00 - 04:00

Proposed target: shearc for asteroids