

**LANGKAWI NATIONAL OBSERVATORY**

YEAR: 2015 MONTH: 01 DATE: 17

HOURS: 03 (UT) MINUTES: 01

WEATHER : CLOUDY

SEEING : 4/5

SCINTILATION : 4/5

IMAGE : 4/5

P : -5.45

Bo : -4.71

Lo : 201.20

$\Delta L$  : -1.65

L : 199.54

JD : 245 7038.63

<u>S</u> POT	<u>G</u>	<u>F</u>	<u>R</u>
NORTH	1	3	13.00
SOUTH	2	10	30.00
TOTAL	3	13	43.00

NOTES : sunspot\_2015\20150117

OBSERVER : LONG AHMAD  
(OBSERVER)  
LONG AHMAD (SKETCH  
ANALYSIS)

