

**LANGKAWI NATIONAL OBSERVATORY**

YEAR: 2015 MONTH: 01 DATE: 18

HOURS: 01 (UT) MINUTES: 41

WEATHER : CLEAR

SEEING : 4/5

SCINTILATION : 4/5

IMAGE : 3/5

P : -5.91

Bo : -4.81

Lo : 188.04

$\Delta L$  : -0.92

L : 187.11

JD : 245 7039.57

SPT	G	F	R
NORTH	0	0	00.00
SOUTH	3	25	55.00
TOTAL	3	25	55.00

NOTES : sunspot\_2015\20150119

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

