

**LANGKAWI NATIONAL OBSERVATORY**

YEAR: 2013 MONTH: 11 DATE: 12

HOURS: 07 (UT) MINUTES: 04

WEATHER : CLOUDY

SEEING : 2/5

SCINTILATION : 2/5

IMAGE : 2/5

P : +22.08

Bo : +3.16

Lo : 128.28

$\Delta L$  : -3.88

L : 124.39

JD : 245 6608.5

SPOI	G	F	R
NORTH	1	2	12.00
SOUTH	5	45	95.00
TOTAL	6	47	107.00

NOTES : D:\LNO Sunspot Report\2013\20131112

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

