

**LANGKAWI NATIONAL OBSERVATORY**

YEAR: 2013 MONTH: 12 DATE: 08

HOURS: 07 (UT) MINUTES: 53

WEATHER : CLOUDY

SEEING : 3/5

SCINTILATION : 3/5

IMAGE : 3/5

P : +13.07

Bo : -0.05

Lo : 145.59

$\Delta L$  : -4.33

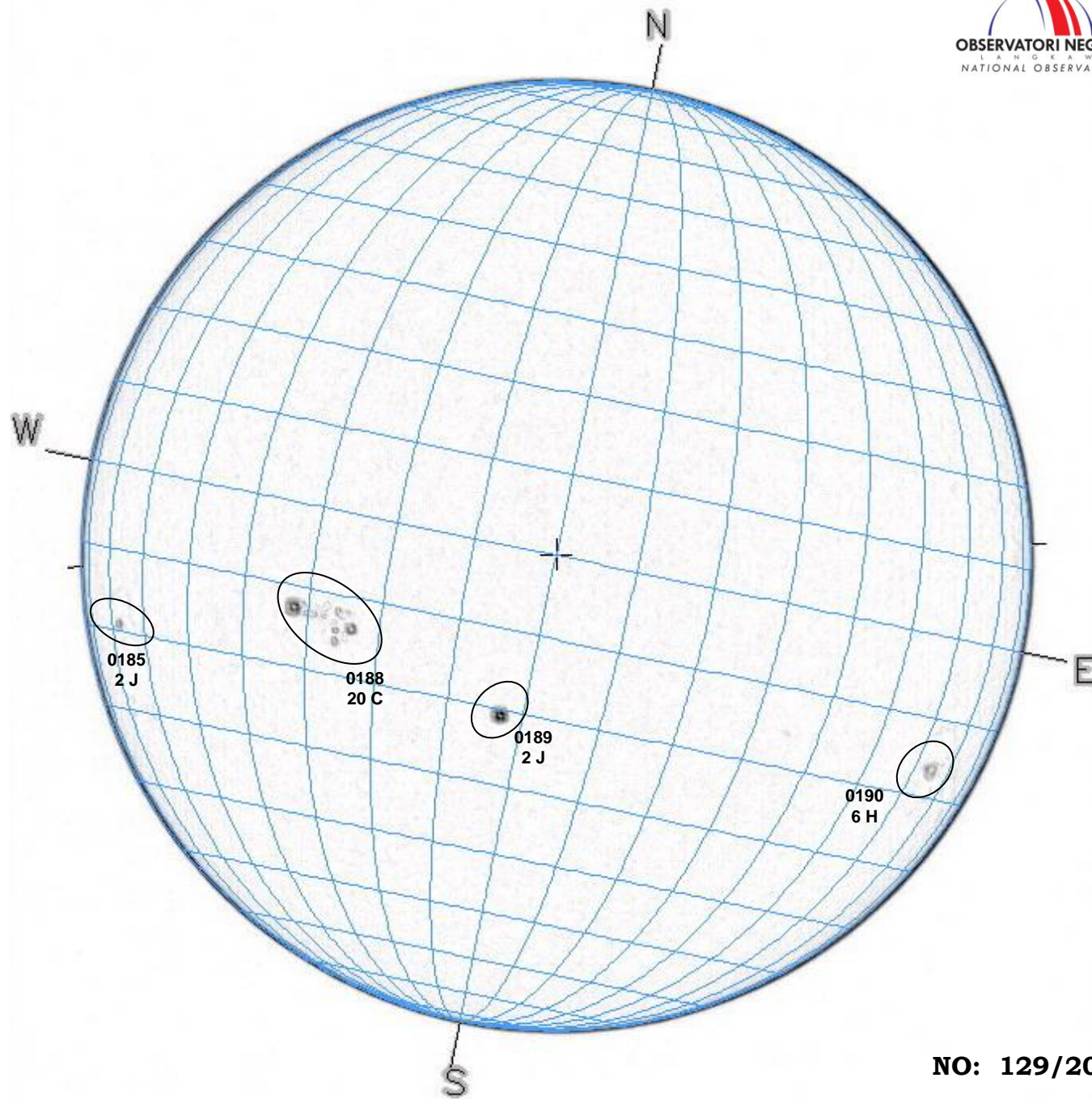
L : 141.25

JD : 245 6634.5

SPOI	G	F	R
NORTH	0	0	00.00
SOUTH	4	30	70.00
TOTAL	4	30	70.00

NOTES : D:\LNO Sunspot Report\2013\20131208

OBSERVER : NOR RAFIDAH SAIBAKA (OBSERVER)  
FARAHANA KAMARUDIN (SKETCH ANALYSIS)



NO: 129/2013