

07/21/2013

MANSFIELD REFORMATORY

ENVIRONMENTAL DATA

TIME TAKEN

7:30 pm

WEATHER OUTSIDE

partly cloudy with a slight breeze

OUTSIDE TEMPERATURE

75.1 degrees F

WIND SPEED

1.7 mph

BAROMETRIC PRESSURE

28.61 steady

HUMIDITY

66.7%

MOON PHASE

99% Full Waxing Gibbous

GEOMAGNETIC FIELD

Quiet

SOLAR X-RAYS

Active

SOLAR WIND SPEED

395.2 km/sec

SOLAR WIND DENSITY

2.6 protons/cm³

RADIO SUN

10.7 cm flux; 113 sfu

PLANETARY K-INDEX NOW

Kp=3; quiet

PLANETARY K-INDEX 24HR MAX

Kp=2; quiet

INTERPLANETARY MAGNETIC FIELD BTOTAL

3.2 nT

INTERPLANETARY MAGNETIC FIELD BZ

0.3 nT north

SUNSPOT

Yes; 57, AR1793 w/intensity

CORONAL HOLES

Yes, 2