

04/14/2012

MANSFIELD REFORMATORY

ENVIRONMENTAL DATA

TIME TAKEN

7:38 pm

WEATHER OUTSIDE

Rainy

OUTSIDE TEMPERATURE

56.3 degrees

WIND SPEED

2-3 mph

BAROMETRIC PRESSURE

28.64

HUMIDITY

93%

MOON PHASE

36% Waning Crescent

GEOMAGNETIC FIELD

Unsettled

SOLAR X-RAYS

Normal

SOLAR WIND SPEED

553.8 km/sec

SOLAR WIND DENSITY

0.2 protons/cm³

RADIO SUN

10.77 cm flux; 95 sfu

PLANETARY K-INDEX NOW

Kp=2; quiet

PLANETARY K-INDEX 24HR MAX

Kp=4; quiet

**INTERPLANETARY MAGNETIC FIELD
BTOTAL**

1.7 nT

INTERPLANETARY MAGNETIC FIELD BZ

0.7 nT south

SUNSPOT

Yes; 50

CORONAL HOLES

Yes, 2