

HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 067

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 MARCH 1979

IA. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL FOR THE PAST 24 HOURS WITH ONLY MINOR EVENTS BEING OBSERVED. REGION 1614 (N2W29) HAS SIMPLIFIED SOMEWHAT AND THE SIGNIFICANT GROWTH TREND OBSERVED IN THIS REGION YESTERDAY HAS SLOWED. REGION 1605 (S16E01) HAS EVOLVED INTO TWO DISTINCT MAGNETIC BIPOLES AND MAY SOON BE NUMBERED AS TWO REGIONS. THERE HAS BEEN SOME SPOT GROWTH IN THIS AREA. OTHER REGIONS CURRENTLY ON THE DISK REMAIN RELATIVELY STABLE. A SMALL SURGING REGION HAS BEEN OBSERVED AT NE 16, NEAR THE LOCATION OF RETURNING REGIONS 1568 AND 1574. TWO SMALL NEW REGIONS HAVE FORMED ON THE DISK AND HAVE BEEN NUMBERED 1615 (N19E34) AND 1616 (N26E36).

IB. SOLAR ACTIVITY SHOULD REMAIN LOW FOR THE FIRST HALF OF THE FORECAST PERIOD AND THEN ELEVATE SLIGHTLY TO MODERATE LEVELS AS REGIONS 1568 AND 1574 BEGIN TO APPEAR AT THE NORTHEAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET FOR THE PAST 24 HOURS. THESE CONDITIONS SHOULD PREVAIL FOR THE FORECAST PERIOD WITH INTERSPERSED PERIODS OF UNSETTLED LEVELS.

III. EVENT PROBABILITIES 08 MARCH - 11 MARCH

CLASS M 40/50/60

LCASS X 05/05/10

PROTON 05/05/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MARCH 181

PREDICTED 09-11 MARCH 182/186/190

90-DAY MEAN 08 MARCH 196

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 MARCH 04

ESTIMATED AFR/AP 08 MARCH 06/09

PREDICTED AFR/AP 09-11 MARCH 06/09 - 05/07 - 07/12

SOLIERWARN

BT