

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 111

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 APRIL 1979

IA. SOLAR ACTIVITY REMAINS LOW WITH ONLY SPORADIC X-RAY BURSTS OF
C1 OR C2. ALL DISK REGIONS ARE SIMPLE MAGNETICALLY, EXPLAINING
THE CURRENT LOW LEVEL OF SOLAR ACTIVITY. REGIONS 1702 (N23W00) AND
1703 (N22E52) HAVE EMERGED TODAY WITH REGION 1703 GROWING
SLOWLY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED UNTIL APPROXIMATELY
1300Z WHEN THE FIELD BECAME ACTIVE. THE FIELD IS EXPECTED TO BE
MODERATELY UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 22-24 APR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 APR 160

PREDICTED 22-24 APR 158/155/150

90-DAY MEAN 21 APR 193

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 20 APR 01

ESTIMATED APR/AP 21 APR 12/15

PREDICTED APR/AP 22-24 APR 14/16 - 14/16 - 14/14

SOLTERWARN

BT