

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
SDF NUMBER 114

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 APRIL 1980

IA. SOLAR ACTIVITY REMAINS LOW FOR ANOTHER 24 HOURS. REGION
2396 (S12E04) CONTINUES INACTIVE. TWO NEW REGIONS HAVE APPEAR-
ED ON THE DISK 2407 (S30E03), AND 2408 (S23E57). ALTHOUGH BOTH
ARE DEVELOPING, NEITHER PROMISES SIGNIFICANT ACTIVITY. NO REPORTS
OF ACTIVITY ON THE EAST LIMB HAVE BEEN RECEIVED. THE EAST LIMB
IS QUIET IN 10.7 BAND, SHOWING RETURNING REGION INACTIVITY.

IB. SOLAR ACTIVITY WILL CONTINUE QUIET FOR ANOTHER 24 HOURS.
ALTHOUGH 2396 MAY STILL CONTAIN A WEAK DELTA, IT DOES NOT APPEAR
TO HAVE THE POTENTIAL FOR ACTIVITY SHOWN EARLIER. NO OTHER
REGIONS HAVE DEVELOPED SIGNIFICANTLY, AND RETURNING ACTIVE
REGIONS ARE AT LEAST 24 HOURS BEHIND THE EAST LIMB.

II. THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET FOR THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 24 - 26 APR

CLASS M 30/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 APR 184

PREDICTED 24 - 26 APR 180/178/176

90-DAY MEAN 23 APR 194

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 APR 10

ESTIMATED AFR/AP 23 APR 07/07

PREDICTED AFR/AP 24 - 26 APR 06/08 07/06 08/12

SOLTERWARN

BT