

HFUS 1 BOU 212200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
SDF NUMBER 112
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 APRIL 1980

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. THE
LARGEST EVENTS WERE C3 (NO ASSOCIATED OPTICAL). REGION 2396
(S13E31) CONTINUES TO GROW RAPIDLY AND TO SHOW PROMISE OF
ACTIVITY. A NEW REGION 2406 (S24W14) HAS GAINED SPOTS, AND 2397
(S27E12) CONTINUES TO GROW.

IB. SOLAR ACTIVITY IS EXPECTED TO RISE TO MODERATE LEVELS DUE
TO POTENTIAL FROM 2396. CONTINUED CLASS C EVENTS ARE LIKELY IN
SEVERAL REGIONS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, EXCEPT FOR TWO
PERIODS OF K EQUAL THREE LAST 24 HOURS. THE FIELD IS EXPECTED
TO BE UNSETLED OVER THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 22 - 24 APRIL

CLASS M	40/5 0/5 0
CLASS X	05/10/10
PREDICTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	21 APR 206
PREDICTED	22 - 24 APR 204/202/200
90-DAY MEAN	21 APR 193

V. GEOMAGNETIC INDICES

OBSERVED	FREDERICKSBURG 20 APR 05
ESTIMATED	AFR/APR 21 APR 04/09
PREDICTED	AFR/APR 22 - 24 APR 10/10 08/08 06/06
SOLTERWARN	
BT	