

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 073

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 MARCH 1980

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 2324 (S17W04) APPEARS TO BE THE ONLY REGION WITH ANY REAL POTENTIAL. A SUBFAINT FLARE OCCURRED IN 2324 NEAR 1238 UT. AND THE SPOTS AS WELL AS THE FLARE ARE GROWING. THE REST OF THE DISK REGIONS APPEAR SIMPLE AND STABLE. HOWEVER, TWO NEW REGIONS WERE NUMBERED TODAY: 2331 (N1837) WAS BORN ON THE DISK AND 2332 (S21E77) ROTATED OVER THE LIMB AND IS PROBABLY THE RETURN OF OLD 2286.

IB. SOLAR ACTIVITY SHOULD CONTINUE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE EXPECTED GEOMAGNETIC STORM DID NOT MATERIALIZE. GENERALLY QUIET TO UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 TO 48 HOURS.

III. EVENT PROBABILITIES 14 - 16 MARCH

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAR 143

PREDICTED 14 - 16 MAR 144/145/145

90-DAY MEAN 13 MAR 196

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAR 02

ESTIMATED AFR/AP 13 MAR 06/07

PREDICTED AFR/AP 14 - 16 MAR 08/12 08/10 06/08

SOLTERWARN

BT