

T

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO.

SDF NUMBER 062

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 02 MARCH 1980

I A. SOLAR ACTIVITY HAS BEEN RELATIVELY LOW DURING THE PAST 24 HOURS. THERE WAS ONLY ONE FLARE WORTHY OF MENTION. REGION 2309 (S25W81) PRODUCED A VERY SMALL M2/SB WITH A MAXIMUM AT 02/1637Z. THE X-RAY SIGNATURE WAS UNUSUAL IN THAT X-RAY FLUXES RETURNED TO LOW BACKGROUND LEVELS IN LESS THAN 20 MINUTES. OTHERWISE, A TOTAL OF EIGHT SMALL C-CLASS SUBFLARES WERE NOTED FROM THE DOZEN REGION'S SEEN ON TODAY'S SUN.

I B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. REGION 2309 WILL SOON MOVE OUT OF SIGHT OVER THE WEST LIMB. REGION 2313 (S09E65) NOW OFFERS THE BEST POSSIBILITY FOR ENERGETIC ACTIVITY OF ANY REGION ON THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BE QUIET TO MILDLY UNSETTLED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 03 - 05 MARCH

CLASS M 40/40/30

CLASS X 05/05/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAR 176

PREDICTED 03 - 05 MAR 179/182/181

90-DAY MEAN 02 MAR 205

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 01 MAR 02

ESTIMATED AFR/AP 02 MAR 03/06

PREDICTED AFR/AP 03 - 05 MAR 07/07 08/08 10/09

SOLTERWARN

BT