

HFUS 1 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 063

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 MARCH 1980

IA. SOLAR ACTIVITY HAS BEEN VERY LOW TODAY. ONLY FIVE SMALL
CLASS-C X-RAY EVENTS HAVE OCCURRED. ALL SPOT GROUPS ARE SMALL
AND OF SIMPLE STRUCTURE. REGION 2309 (S26W90) HAS PRODUCED
ONLY A SUBFLARE SINCE YESTERDAY'S M2 EVENT. REGION 2294
(S25W32) HAS DEVELOPED AN EMBEDDED FILAMENT AND HAS SMALL NEW
SUNSPOTS.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LEVEL LIKE SOLAR MINIMUM
UNTIL THE RETURN OF ACTIVE REGIONS 3-4 DAYS FROM NOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETTLED CONDITIONS
WITH SHORT PERIODS OF ACTIVE CONDITIONS WILL OCCUR THROUGHOUT
THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 04 - 06 MARCH

CLASS M 20/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAR 176

PREDICTED 04 - 06 MAR 176/178/180

9 0-DAY MEAN 03 MAR 205

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 02 MAR 02

ESTIMATED AFR/AP 03 MAR 05/08

PREDICTED AFR/AP 04 - 06 MAR 08/12 10/15 10/12

SOLTERWARN

BT