

HFUS / BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 070

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 MARCH 1980

I A. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS.
THERE ARE PRESENTLY FIVE REGIONS ON THE DISK AND ALL ARE QUIET.
THE ONLY C-CLASS EVENT OF THE DAY WAS A C3/IN AT 2038Z.

I B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT LOW OR VERY LOW
LEVELS. NO REGION PRESENTLY ON THE SOLAR DISK IS CAPABLE OF
AN M-CLASS X-RAY EVENT.

II. GEOMAGNETIC ACTIVITY HAS BEEN QUIET FOR THE PAST 24 HOURS.
IT IS EXPECTED TO INCREASE TO ACTIVE LEVELS LATE ON THE 12TH OR
EARLY ON 13 MAR. THIS FORECAST IS BASED UPON A FILAMENT THAT
DISAPPEARED ON 9 MAR, AS WELL AS A SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 11 - 13 MAR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 15.6

PREDICTED 11 - 13 MAR 153/153/155

90-DAY MEAN 10 MAR 19.9

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 9 MAR 08

ESTIMATED AFR/AP 10 MAR 04/06

PREDICTED AFR/AP 11 - 13 MAR 10/08 18/15 16/15

SOLTERWARN

BT