

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 071

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 MARCH 1980

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST 24 HOURS. ONLY TWO FLARES WERE OBSERVED TODAY, ONE EACH IN REGION 2216 (S1W46) AND REGION 2224 (S17E27). THERE WERE SIX BLAH-TYPE REGIONS ON THE SUN TODAY. NO DYNAMIC NEW REGIONS ARE EXPECTED FOR TOMORROW, AS INDICATED BY THE 10 CM DISK SCAN.

IB. LOW LEVELS OF SOLAR ACTIVITY ARE FORECAST FOR TOMORROW. THERE IS LITTLE CHANCE OF AN M-CLASS X-RAY EVENT OCCURRING.

II. GEOMAGNETIC ACTIVITY HAS BEEN QUIET FOR THE LAST 24 HOURS. ACTIVE CONDITIONS ARE FORECAST TO BEGIN ON 12 MARCH AND PERSIST FOR ABOUT 48 HOURS. THIS FORECAST IS BASED UPON A SUDDEN DISAPPEARING FILAMENT ON 9 MARCH AT 0008Z.

III. EVENT PROBABILITIES 12 - 14 MAR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAR 150

PREDICTED 12 - 14 MAR 147/145/145

90-DAY MEAN 11 MAR ~~95~~ 198

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 10 MAR 05

ESTIMATED AFR/AP 11 MAR 05/06

PREDICTED AFR/AP 12 - 14 MAR 18/20 20/25 08/10

SOLTERWARN

BT