

HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 066

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 MARCH 1980

IA. SOLAR ACTIVITY HAS REMAINED AT BORINGLY LOW LEVELS. SATELLITE
SENSORS MEASURED FIVE C-CLASS EVENTS DURING THE PAST 24 HOURS,
THE LARGEST OF WHICH WAS A C6/1N FLARE IN REGION 2314 (N14W38)
AT 0420Z (MAX). TWO NEW SIMPLE REGIONS WERE REPORTED; REGION
2322 (N13W27) AND 2323 (N12E74).

IB. SOLAR ACTIVITY IS FORECAST TO REMAIN AT LOW LEVELS. THE 10
CM RADIO FLUX DISK SCAN INDICATES NO NEW ACTIVITY AT THE EAST
LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET EXCEPT FOR BRIEF OC-
CASIONAL PERIODS OF UNSETTLED ACTIVITY. IT IS EXPECTED TO BE-
COME MORE UNSETTLED DURING THE NEXT 24 HOURS, BASED ON OB-
SERVED ENHANCED INTERPLANETARY SCINTILLATION, POSSIBLY RELATED
TO A SECTOR BOUNDARY CROSSING.

III. EVENT PROBABILITIES 07-09 MAR

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 MAR 172

PREDICTED 07-09 MAR 170/170/173

90-DAY MEAN 06 MAR 203

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 MAR 07

ESTIMATED AFR/AP 06 MAR 06/08

PREDICTED AFR/AP 07-09 MAR 12/15 08/10 07/08

SOLTERWARN

BT