

HFUS (1 BOU) 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 006

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 JANUARY 1979

IA. SOLAR ACTIVITY WAS LOW TO MODERATE DURING THE PAST 24 HOURS WITH ONLY C-CLASS SUBFLARES BEING OBSERVED. WIDE SPREAD INCLEMENT WEATHER SERIOUSLY HAMPERED SOLAR OBSERVING DURING THIS PERIOD, BUT THE 15 OR SO SPOTTED DISK REGIONS WERE GENERALLY QUIET AND UN-IMPRESSIVE. REGION (1484 (S35W31) IS A BETA GAMMA MAGNETICALLY AND HAS SHOWN SOME PLAGE FLUCTUATIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE DURING THE NEXT 24 HOURS. FLARE ACTIVITY SHOULD BE MOSTLY IN THE C-CLASS CATEGORY, BUT ISOLATED M-CLASS FLARES ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS. UNSETTLED TO ACTIVE CONDITIONS SHOULD PREVAIL DURING THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 07-09 JANUARY

CLASS M 5/0/5 0/5/0

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA (10.7 CM FLUX

OBSERVED 06 JANUARY 196

PREDICTED 07-09 JANUARY 192/189/185

90-DAY MEAN 06 JANUARY 168

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 JANUARY 19

ESTIMATED AFR/AP 06 JANUARY 13/15

PREDICTED AFR/AP 07-09 JANUARY 15/15 - 12/12 - 12/15

SOLTERWARN

BT