

HFUS3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 286

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100
TO 13/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY ASSIGNED REGION
4696 (S11W11) WAS A BX0 WITH AN ARCHED FILAMENT SYSTEM. IT
EMERGED LATE IN THE PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE. MINOR STORM
CONDITIONS OCCURRED. THIS DISTURBANCE WAS PROBABLY CAUSED BY
THE CORONAL HOLE EXTENSION FROM THE NORTH POLAR CROWN.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE ACTIVE. BRIEF MINOR STORM CONDITIONS ARE
POSSIBLE. THIS ENHANCED LEVEL IS EXPECTED IN RESPONSE TO A FIVE
DEGREE DISAPPEARING FILAMENT OF 10 OCT FOR THE FIRST AND SECOND
DAYS, AND PRIMARILY RECURRENCE FOR THE LAST DAY.

III. EVENT PROBABILITIES 14 OCT-16 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 OCT 067

PREDICTED 14 OCT-16 OCT 067/068/068

90 DAY MEAN 13 OCT 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 OCT 009/014

ESTIMATED AFR/AP 13 OCT 016/020

PREDICTED AFR/AP 14 OCT-16 OCT 015/020-019/025-019/025

SOLTERWARN

BT