

HFUS3 BOU 172200 COR
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 290

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

::::::: CORRECTED COPY :::::::
ISSUED 2200Z 17 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100 TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS.

THE SOLE SPOTTED REGION NOW VISIBLE- REGION 4698 (N05E56)- HAS GROWN SLIGHTLY IN WHITE LIGHT BUT REMAINS MAGNETICALLY SIMPLE. NO FLARE ACTIVITY HAS BEEN REPORTED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW. ISOLATED C-CLASS ACTIVITY MAY BE GENERATED BY REGION 4698.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. OCCASIONAL PERIODS OF MINOR STORM CONDITIONS HAVE BEEN OBSERVED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 18 OCT-20 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 OCT 076

PREDICTED 18 OCT-20 OCT 076/077/077

90 DAY MEAN 17 OCT 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 OCT 016/022

ESTIMATED AFR/AP 17 OCT 012/017

PREDICTED AFR/AP 18 OCT-20 OCT 015/020-015/020-015/025

SOLTERWARN

BT