

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 334

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 29 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100
TO 29/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE
PAST 24 HOURS. THE FREQUENCY OF FLARE OCCURRENCE AS WELL AS THE
MAGNITUDE HAS DECLINED. REGION 4598 (S11W46) CONTINUES ITS SLOW
DECAY AS IT APPROACHES WEST LIMB. REGION 4600 (S11W29) HAS NOW
DECAYED TO A SMALL B-TYPE GROUP. SEVERAL SMALL PLAGES THAT
ROTATED INTO VIEW REMAIN SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH BRIEF MINOR
STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT 24
HOURS. A CORONAL HOLE IS THOUGHT TO BE THE PRIME FACTOR
AFFECTING THE FIELD DURING THIS PERIOD.

III. EVENT PROBABILITIES 30 NOV-02 DEC

CLASS M 10/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 NOV 079

PREDICTED 30 NOV-02 DEC 078/077/076

90 DAY MEAN 29 NOV 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 NOV 006/007

ESTIMATED AFR/AP 29 NOV 014/015

PREDICTED AFR/AP 30 NOV-02 DEC 017/020-014/020-014/020

SOLTERWARN

BT