

HFUS3 80U 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 333

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 28 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100
TO 28/2100Z: SOLAR ACTIVITY WAS AT A MODERATE LEVEL DURING THE
PAST 24 HOURS. REGION 4598 (S11W33) PRODUCED ITS SECOND M1
EVENT AT 280017Z. THIS REGION IS SLOWLY DECAYING IN AREA AND
COMPLEXITY. THE DELTA MAGNETIC CONFIGURATION IS NO LONGER
VISIBLE AND THE H- ALPHA PLAGE IS DIM AND BECOMING MORE
SCATTERED. THE REST OF THE DISK IS QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:
THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST 24
HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BECOME ACTIVE DURING THE NEXT 24 HOURS AS A RESULT
OF RECURRENT PATTERNS.

III. EVENT PROBABILITIES 29 NOV-01 DEC

CLASS M 20/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 NOV 083

PREDICTED 29 NOV-01 DEC 082/081/081

90 DAY MEAN 28 NOV 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 NOV 005/009

ESTIMATED AFR/AP 28 NOV 008/010

PREDICTED AFR/AP 29 NOV-01 DEC 020/015-017/020-014/015

SOLTERWARN

BT