

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 332

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 28 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100
TO 28/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:
THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY ACTIVE THE FIRST AND SECOND DAYS
(29-30 NOV) DUE TO THE EIGHT DEGREE LONG DISAPPEARING FILAMENT
FROM N12E26 ON 25/1614Z ENHANCING THE RECURRENT ACTIVE
CARRINGTON LONGITUDES. STORM CONDITIONS ARE POSSIBLE DURING
MIDNIGHT PERIODS. THE FIELD IS EXPECTED TO RECOVER TO
UNSETTLED-ACTIVE LEVELS THE THIRD DAY (01 DEC).

III. EVENT PROBABILITIES 29 NOV-01 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 NOV 071

PREDICTED 29 NOV-01 DEC 070/070/069

90 DAY MEAN 28 NOV 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 NOV 015/024

ESTIMATED AFR/AP 28 NOV 013/013

PREDICTED AFR/AP 29 NOV-01 DEC 027/025-023/025-013/015

SOLTERWARN

BT

HXUS_BOU 282200

PREDM 00129 00130 00101

PREDX 00129 00130 00101

PREDP 00129 00130 00101

PCAF 00129

TENCM 07029 07030 06901

AFRED 02729 02330 01301

AFAPF 02529 02530 01501

BT