

SDF issued at 1931UT 30 NOV 86

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

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z
TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK IS
SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN VERY LOW FOR THE NEXT THREE DAYS. NO REGIONS ARE DUE
TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z:
GEOMAGNETIC ACTIVITY HAS RANGED FROM GENERALLY QUIET TO
UNSETTLED AT MIDDLE LATITUDES AND FROM UNSETTLED TO MAJOR
STORM AT HIGH LATITUDES. THE HIGH LATITUDE STORM CONDITIONS
WERE OBSERVED MAINLY AFTER 0600UT 30 NOVEMBER.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE QUIET TO UNSETTLED AT MIDDLE LATITUDES AND
UNSETTLED TO ACTIVE AT HIGH LATITUDES FOR THE NEXT THREE DAYS.
ISOLATED PERIODS OF MINOR STORM CONDITIONS ARE POSSIBLE AT
HIGH LATITUDES FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 01 DEC-03 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 NOV 073

PREDICTED 01 DEC-03 DEC 072/072/072

90 DAY MEAN 30 NOV 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 NOV 007/019

ESTIMATED AFR/AP 30 NOV 010/020

PREDICTED AFR/AP 01 NOV-03 DEC 007/015-007/015-007/015

HFUS3 BOU 302200

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SOLTERWARN

BT

HXUS BOU 302200

PREDM 00101 00102 00103

PREDX 00101 00102 00103

PREDP 00101 00102 00103

PCAFT 00101

TENCM 07201 07202 07203

AFRED 00701 00702 00703

AFAPF 01501 01502 01503

BT