

SDF issued at 2046UT 02 DEC 86

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 336

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100Z TO 02/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK IS SPOTLESS. A SMALL FILAMENT DISAPPEARED NEAR N45E21.

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 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE LATITUDES AND ACTIVE TO MINOR STORM AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE QUIET TO UNSETTLED AT MIDDLE LATITUDES AND UNSETTLED TO ACTIVE AT HIGH LATITUDES FOR THE NEXT THREE DAYS. THE FILAMENT DISRUPTION IS NOT EXPECTED TO AFFECT THE GEOMAGNETIC FIELD.

III. EVENT PROBABILITIES 03 DEC-05 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 DEC 073

PREDICTED 03 DEC-05 DEC 072/072/072

90 DAY MEAN 02 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 DEC 011/018

ESTIMATED AFR/AP 02 DEC 007/015

PREDICTED AFR/AP 03 DEC-05 DEC 007/015-007/010-007/010

HFUS3 BOU 022200
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THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE
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IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS
EXPECTED TO CONTINUE QUIET TO UNSETTLED AT MIDDLE LATITUDES AND
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SOLTERWARN

BT

HXUS BOU 022200

PREDM 00103 00104 00105

PREDX 00103 00104 00105

PREDP 00103 00104 00105

PCAFT 00103

TENCM 07203 07204 07205

AFRED 00703 00704 00705

AFAPF 01503 01004 01005

BT