

SDF issued at 2318UT 01 DEC 86

*[Handwritten Signature]*

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 335

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

: : : : : CORRECTED TEXT : : : : :

ISSUED 2200Z 01 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100Z TO 01/2100Z: 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 RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 01/2100Z: GEOMAGNETIC ACTIVITY HAS RANGED FROM QUIET TO ACTIVE AT MIDDLE LATITUDES AND FROM ACTIVE TO MINOR STORM AT HIGH LATITUDES. THE SOURCE OF THE CURRENT DISTURBANCE (WHICH BEGAN NEAR MIDDAY ON 29 NOVEMBER) IS NOT WELL ESTABLISHED.

IB. 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.

III. EVENT PROBABILITIES 02 DEC-04 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 DEC 073

PREDICTED 02 DEC-04 DEC 072/072/072

70 DAY MEAN 01 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 NOV 013/023

ESTIMATED AFR/AP 01 DEC 012/018

PREDICTED AFR/AP 02 DEC-04 DEC 010/015-007/015-007/010

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OBSERVED AFR/AP 30 NOV 013/023

ESTIMATED AFR/AP 01 DEC 012/025

PREDICTED AFR/AP 02 DEC-04 DEC 010/015-007/015-007/010

HFUS3 BOU 012200

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SOLTERWARN

BT

HXUS BOU 012200

PREDM 00102 00103 00104

PREDX 00102 00103 00104

PREDP 00102 00103 00104

PCAFT 00102

TENCM 07202 07203 07204

AFRED 01002 00703 00704

AFAPP 01502 01503 01004

BT