

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/26/86 00:00:00

End : 12/26/86 23:59:00

12/26 22:00

2213

HFUS3 BOU 262200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 360

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z TO 26/2100Z: SOLAR ACTIVITY WAS 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 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET TO UNSETTLED AT ALL LATITUDES WITH SOME BRIEF ACTIVE TO MINOR STORM CONDITIONS (MAINLY AT THE HIGHER LATITUDES) IN THE PERIOD 0600-1200UT 26 DECEMBER.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED AT MIDDLE LATITUDES AND ACTIVE AT HIGH LATITUDES FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 27 DEC-29 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 DEC 072

PREDICTED 27 DEC-29 DEC 072/072/072

90 DAY MEAN 26 DEC 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 DEC 010/014

ESTIMATED AFR/AP 26 DEC 012/015

PREDICTED AFR/AP 27 DEC-29 DEC 010/015-014/018-014/017

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