

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/25/86 00:00:00

End : 12/25/86 23:59:00

12/25 22:00

2222

HFUS3 BOU 252200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 359

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

::::::: CORRECTED COPY :::::::

ISSUED 2200Z 25 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100Z TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4762 (S27W21) HAS LOST ITS SPOTS. THERE WAS NO FLARE ACTIVITY TODAY. NO NEW REGIONS WERE NUMBERED.

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 24/2100Z TO 25/2100Z: GEOMAGNETIC ACTIVITY HAS RANGED FROM QUIET TO ACTIVE AT ALL LATITUDES. THERE WERE BRIEF AND ISOLATED PERIODS OF MINOR STORM CONDITIONS AT SOME HIGH LATITUDE STATIONS.

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 26 DEC-28 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PSAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 DEC 072

PREDICTED 26 DEC-28 DEC 072/072/072

90 DAY MEAN 25 DEC 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 DEC 009/014

ESTIMATED AFR/AP 25 DEC 010/020

PREDICTED AFR/AP 26 DEC-28 DEC 010/015-010/015-014/018

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12/25 22:00

2252

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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

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::::::: CORRECTED COPY NUMBER TWO :::::::

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