

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/14/86 00:00:00

End : 12/14/86 23:59:00

12/14 22:00

2201

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 348

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100Z TO 14/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD WAS AT MINOR STORM LEVELS AT MID-LATITUDES AND MAJOR STORM CONDITIONS AT HIGH LATITUDES EARLY IN THE PERIOD. THE DISTURBANCE HAS WANED TO GENERALLY UNSETTLED CONDITIONS SINCE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE PREDOMINANTLY QUIET TO UNSETTLED THROUGHOUT THE PERIOD.

III. EVENT PROBABILITIES 15 DEC-17 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 DEC 074

PREDICTED 15 DEC-17 DEC 074/074/075

90 DAY MEAN 14 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 DEC 011/014

ESTIMATED AFR/AP 14 DEC 019/030

PREDICTED AFR/AP 15 DEC-17 DEC 010/015-005/012-005/010

NNNN

<003>