

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/19/87 00:00:00

End : 12/19/87 23:59:00

12/19 22:00

2200

HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 353

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 DEC 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100Z TO 19/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY ASSIGNED REGION 4910 (S17W57) WAS A SIMPLE BETA TYPE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 20 DEC-22 DEC

CLASS M 02/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 DEC 091

PREDICTED 20 DEC-22 DEC 090/089/088

90 DAY MEAN 19 DEC 096

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 DEC 007/010

ESTIMATED AFR/AP 19 DEC 007/012

PREDICTED AFR/AP 20 DEC-22 DEC 008/018-008/016-010/015

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