

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/25/87 00:00:00

End : 01/25/87 23:59:00

01/25 22:00

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HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 025

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100Z TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4765 CONTINUES TO DECAY. A NEW REGION ROTATED ONTO THE DISK EARLY IN THE PERIOD, BUJT HAS NOT BEEN NUMBERED YET DUE TO LACK OF REPORTS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING THE PREVIOUS 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE ON 26 JANUARY AND UNSETTLED THE REMAINING TWO DAYS OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 JAN-28 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JAN 073

PREDICTED 26 JAN-28 JAN 074/074/074

90 DAY MEAN 25 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 JAN 006/007

ESTIMATED AFR/AP 25 JAN 010/013

PREDICTED AFR/AP 26 JAN-28 JAN 015/017-010/013-008/012

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