

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/30/87 00:00:00

End : 03/30/87 23:59:00

03/30 22:00

2202

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 089

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 MAR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4783 (N04E11) HAS GROWN SLIGHTLY TO A BIPOLAR GROUP, AND PRODUCED A SUBFLARE DURING THE PERIOD. A NEW REGION 4784 (S26W75) EMERGED TODAY AS A SIMPLE BIPOLAR GROUP. A 245 MHZ RADIO NOISE STORM IS IN PROGRESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH OCCASIONAL UNSETTLED CONDITIONS LATE IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 31 MAR-02 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 30 MAR 075

PREDICTED 31 MAR-02 APR 075/075/075

90 DAY MEAN 30 MAR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 MAR 005/008

ESTIMATED AFR/AP 30 MAR 005/007

PREDICTED AFR/AP 31 MAR-02 APR 010/012-010/012-010/012

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