

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/30/87 00:00:00

End : 05/30/87 23:59:00

05/30 22:00

2200

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 150

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z

TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION

4812 (N23W32), NOW A CSD/BETA GROUP, HAS REMAINED QUIET

AND STABLE. NO OTHER REGIONS EXIST AT PRESENT TIME.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET AT MID

LATITUDES. CONDITIONS AT HIGH LATITUDE STATIONS VARIED FROM

QUIET THE FIRST PART OF THE PERIOD TO ACTIVE WITH PERIODS

OF MINOR STORM CONDITIONS SINCE 30/1030 UT. THE LOW

FREQUENCY RADIO SWEEPS AND 245 MHZ BURSTS HAVE CONTINUED

DURING THE PAST 24 HOURS, BUT AT A DECREASED FREQUENCY

FROM THE PREVIOUS DAYS.

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

III. EVENT PROBABILITIES 31 MAY-02 JUN

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAY 076

PREDICTED 31 MAY-02 JUN 075/075/075

90 DAY MEAN 30 MAY 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 MAY 021/042

ESTIMATED AFR/AP 30 MAY 010/016

PREDICTED AFR/AP 31 MAY-02 JUN 010/012-010/012-010/012

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