

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/23/87 00:00:00

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

05/23 22:00

2228

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 143

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100Z

TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE LEVEL

OF ACTIVITY FROM REGION 4811 (N30W30) HAS DIMINISHED OVER THE

PAST 24 HOURS. ONLY A FEW OPTICAL SUBFLARES HAVE BEEN OBSERVED

AND NO X-RAY EVENTS ABOVE C-CLASS OCCURRED. SUNSPOT PENUMBRA

IN THIS REGION IS BEGINNING HFUS3 BOU 232200 RTD

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IN THIS REGION IS BEGINNING TO FRAGMENT AND OVERALL AREA HAS

DECREASED. REMAINING DISK REGIONS HAVE BEEN QUIET.

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

VERY LOW. THE PROBABILITY OF MODERATE ACTIVITY FROM REGION

4811 HAS DECREASED.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 24 MAY-26 MAY

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 MAY 093

PREDICTED 24 MAY-26 MAY 091/088/086

90 DAY MEAN 23 MAY 082

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 MAY 006/009

ESTIMATED AFR/AP 23 MAY 008/012

PREDICTED AFR/AP 24 MAY-26 MAY 007/010-005/010-005/010

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