

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/28/87 00:00:00

End : 05/28/87 23:59:00

05/28 22:00

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HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 148

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION

4811 HAS ROTATED OFF THE DISK AND ONLY REGION 4812 (N23W08)

REMAINS. THE REGION DISPLAYED SOME POINT BRIGHTNINGS

EARLIER, BUT HAS SINCE STABILIZED. THE LATEST REPORTS FROM

THE SOON SITES INDICATE THE REGION MAY BE DECAYING SLIGHTLY.

SEVERAL 245 MHZ RADIO BURSTS THAT WERE POSSIBLY ASSOCIATED

WITH REGION 4811 WERE OBSERVED OVERNIGHT.

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

VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AT MID LATITUDES

AND GENERALLY UNSETTLED TO ACTIVE AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE UNSETTLED TO ACTIVE THE FIRST DAY OF THE PERIOD

AND UNSETTLED THE REMAINING TWO DAYS.

III. EVENT PROBABILITIES 29 MAY-31 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAY 083

PREDICTED 29 MAY-31 MAY 078/077/076

90 DAY MEAN 28 MAY 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 MAY 013/033

ESTIMATED AFR/AP 28 MAY 012/015

PREDICTED AFR/AP 29 MAY-31 MAY 012/015-009/012-008/012

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