

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/25/87 00:00:00

End : 04/25/87 23:59:00

04/25 22:00

02

HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 115

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100Z

TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED

REGIONS WERE QUIET AND STABLE. NO NEW REGIONS WERE NUMBERED.

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

VERY LOW FOR THE NEXT THREE DAYS. THE SLIGHT POSSIBILITY FOR

FLARES FROM 4798 WILL DIMINISH AS THIS REGION ROTATES AROUND

THE WEST LIMB.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES AND

UNSETTLED TO QUIET AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE QUIET TO UNSETTLED FOR 26 APRIL BECOMING

UNSETTLED WITH BRIEF PERIODS OF ACTIVE CONDITIONS AT HIGH

LATITUDES FOR 27 APRIL, AND DIMINISHING TO UNSETTLED LEVELS

FOR 28 APRIL.

III. EVENT PROBABILITIES 26 APR-28 APR

CLASS M 03/02/01

CLASS X 01/01/01

PROTON 01/01/01

SAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 APR 075

PREDICTED 26 APR-28 APR 075/075/073

90 DAY MEAN 25 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 APR 009/016

ESTIMATED AFR/AP 25 APR 005/011

PREDICTED AFR/AP 26 APR-28 APR 005/010-010/017-010/012

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