

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/26/87 00:00:00

End : 04/26/87 23:59:00

04/26 22:00

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HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 116

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED REGIONS WERE QUIET AND STABLE. REGION 4797 (N04E10) HAS DECREASED IN SIZE. REGION 4798 (N27W82) IS DISPLAYING SURGE ACTIVITY AS IT APPROACHES THE WEST LIMB. NO NEW REGIONS WERE NUMBERED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES AND QUIET TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED WITH BRIEF PERIODS OF ACTIVE CONDITIONS AT HIGH LATITUDES FOR 27-28 APRIL, BECOMING QUIET TO UNSETTLED FOR 29 APRIL.

III. EVENT PROBABILITIES 27 APR-29 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 APR 073

PREDICTED 27 APR-29 APR 074/074/075

90 DAY MEAN 26 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 APR 006/007

ESTIMATED AFR/AP 26 APR 005/010

PREDICTED AFR/AP 27 APR-29 APR 010/014-010/014-005/010

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HFUS3 BOU 262200 RTD

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04/26 22:00

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RETRANSMITTED AS REQUESTED.

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