

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/26/87 00:00:00

End : 03/26/87 23:59:00

03/26 22:00

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HFUS3 BOU 262200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 085

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 MAR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z TO 26/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. REGION 4783 (N05E63) HAS BEEN STABLE AND QUIET. IT CONSISTS OF A SINGLE H-TYPE SPOT. REGION 4781 (N24W81) CONTINUES TO DECLINE. THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. OCCASIONAL SURGING MAY OCCUR AT WEST LIMB AS REGION 4781 DEPARTS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AT MID-LATITUDES.

GENERALLY ACTIVE CONDITIONS HAVE PREVAILED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE TO MINOR STORM CONDITIONS FOR THE NEXT 24 HOURS. THIS ACTIVITY IS IN RESPONSE TO A FILAMENT DISAPPEARANCE ON 23 MARCH. GENERALLY UNSETTLED LEVELS SHOULD END?)/HE INTERVAL.

III. EVENT PROBABILITIES 27 MAR-29 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 MAR 076

PREDICTED 27 MAR-29 MAR 076/076/075

90 DAY MEAN 26 MAR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 MAR 006/007

ESTIMATED AFR/AP 26 MAR 012/018

PREDICTED AFR/AP 27 MAR-29 MAR 020/023-010/012-010/012

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