

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/31/87 00:00:00

End : 03/31/87 23:59:00

03/31 22:00

2201

HFUS3 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 090

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 31 MAR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100Z TO 31/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4783 (N04W02) REMAINED FAIRLY STABLE FOR MOST OF THE DAY, BUT BEGAN TO LOSE SPOTS AND INTENSITY LATE IN THE PERIOD. A NEW SIMPLE BIPOLAR REGION 4785 (S22W13) WAS NUMBERED TODAY. REGION 4784 (S26W88) APPEARS TO HAVE LOST ITS SPOTS AS IT ROTATES OFF THE WEST LIMB.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED FOR 1-2 APRIL BECOMING UNSETTLED TO ACTIVE ON 3 APRIL.

III. EVENT PROBABILITIES 01 APR-03 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAR 072

PREDICTED 01 APR-03 APR 072/072/072

90 DAY MEAN 31 MAR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 MAR 004/007

ESTIMATED AFR/AP 31 MAR 007/010

PREDICTED AFR/AP 01 MAR-03 APR 010/012-010/012-010/020

01 APR

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