

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/13/86 00:00:00

End : 03/13/86 23:59:00

03/13 22:00

2142

HFUS3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 072

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100 TO 13/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY ACTIVE. INTERVALS OF MINOR STORM CONDITIONS WERE OBSERVED AT HIGH-LATITUDES, POSSIBLY RESULTING FROM THE INFLUENCE OF A WEAK CORONAL HOLE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE GENERALLY UNSETTLED FOR THE NEXT 72 HOURS. A SLIGHTLY HIGHER LEVEL OF ACTIVITY IS POSSIBLE EARLY IN THE PERIOD.

III. EVENT PROBABILITIES 14 MAR-16 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAR 075

PREDICTED 14 MAR-16 MAR 073/070/070

90 DAY MEAN 13 MAR 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 MAR 008/008

ESTIMATED AFR/AP 13 MAR 018/023

PREDICTED AFR/AP 14 MAR-16 MAR 010/020-005/010-010/010

SOLTERWARN

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