

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/23/86 00:00:00

End : 02/23/86 23:59:00

23 22:00

2123

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 054

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4714 (SQ1E25) REMAINS SMALL AND SIMPLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD WAS AT ACTIVE TO STORM LEVELS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE WITH PERIODS AT STORM LEVELS DURING THE NEXT 24 HOURS. THE LAST TWO DAYS OF THE PERIOD SHOULD SEE THE FIELD AT UNSETTLED TO ACTIVE LEVELS AS THE RECURRENCE PATTERN WEAKENS.

III. EVENT PROBABILITIES 24 FEB-26 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 23 FEB 069

PREDICTED 24 FEB-26 FEB 070/071/071

90 DAY MEAN 23 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 FEB 023/042

ESTIMATED AFR/AP 23 FEB 025/050

PREDICTED AFR/AP 24 FEB-26 FEB 015/025-010/015-010/010

SOLTERWARN

BT

NNNN

<003>