

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/22/86 00:00:00

End : 02/22/86 23:59:00

02/22 22:00

2137

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 053

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100 TO 22/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4714 (S02E38) IS STILL A SMALL SIMPLE GROUP BUT MT WILSON EVALUATED IT AS A REVERSED POLARITY BETA TYPE. NO OTHER FEATURES ARE VISIBLE ON THE DISK.

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 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO STORM LEVELS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE TO OCCASIONAL STORM LEVELS FOR THE NEXT 48 HOURS AND THEN SUBSIDE TO UNSETTLED TO ACTIVE LEVELS. THE FIELD IS BASICALLY RESPONDING TO RECURRENT INFLUENCES.

III. EVENT PROBABILITIES 23 FEB-25 FEB

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

IF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 FEB 069

PREDICTED 23 FEB-25 FEB 070/071/071

90 DAY MEAN 22 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 FEB 022/028

ESTIMATED AFR/AP 22 FEB 025/050

PREDICTED AFR/AP 23 FEB-25 FEB 015/025-015/025-010/015

SOLTERWARN

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