

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/21/86 00:00:00

: 02/21/86 23:59:00

02/21 22:00

2138

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 052

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100 TO 21/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4714 (S02E53) REMAINS AS THE ONLY VISIBLE REGION. THE SPOT GROUP OF 4714 IS STILL A SMALL SIMPLE A TYPE GROUP.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE WITH OCCASIONAL STORM CONDITIONS AT A HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS. THE FIELD WILL GENERALLY REFLECT THE RECURRENCE PATTERN.

III. EVENT PROBABILITIES 22 FEB-24 FEB

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

MF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 FEB 067

PREDICTED 22 FEB-24 FEB 068/070/070

90 DAY MEAN 21 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 FEB 013/021

ESTIMATED AFR/AP 21 FEB 015/025

PREDICTED AFR/AP 22 FEB-24 FEB 020/025-015/015-010/015

SOLTERWARN

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