

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/24/86 00:00:00

End : 01/24/86 23:59:00

01/24 22:00

2145

US3 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 024

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100 TO 24/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK REMAINS SPOTLESS WITH BUT A FEW PATCHES OF WEAK PLAGE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE. A BRIEF PERIOD OF HIGH-LATITUDE MINOR STORM CONDITIONS WAS OBSERVED FROM 1030 TO 1200Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN AT ACTIVE LEVELS FOR THE NEXT THREE DAYS. AN ILL-DEFINED CORONAL HOLE SEEMS TO BE THE SOURCE OF THE ACTIVITY.

III. EVENT PROBABILITIES 25 JAN-27 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JAN 069

PREDICTED 25 JAN-27 JAN 069/070/070

90 DAY MEAN 24 JAN 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 JAN 015/022

ESTIMATED AFR/AP 24 JAN 015/020

PREDICTED AFR/AP 25 JAN-27 JAN 015/020-020/020-020/025

SOLTERWARN

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