

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/25/86 00:00:00

End : 01/25/86 23:59:00

01/25 22:00

2133

S3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 025

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. THE DISK IS SPOTLESS ONCE AGAIN.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD HAS BEEN MOSTLY ACTIVE THE PAST 24 HOURS. HIGH-LATITUDES HAVE EXPERIENCED MINOR STORM CONDITIONS SINCE 1630Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD REMAIN ACTIVE THROUGH JANUARY 28TH. A WEAK CORONAL HOLE, INFERRED FROM FE XIV (GREEN LINE) DATA, IS THE MOST LIKELY SOURCE OF THE ACTIVITY.

III. EVENT PROBABILITIES 26 JAN-28 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JAN 070

PREDICTED 26 JAN-28 JAN 070/071/072

DAY MEAN 25 JAN 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 JAN 010/016

ESTIMATED AFR/AP 25 JAN 022/022

PREDICTED AFR/AP 26 JAN-28 JAN 020/025-020/020-015/020

SOLTERWARN

BT

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