

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/22/86 00:00:00

End : 01/22/86 23:59:00

22 22:00

2126

HIFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 022

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100 TO 22/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. A REVERSE-POLARITY BIPOLE PLAGE SITUATED NEAR N29E55 IS THE MOST INTERESTING FEATURE ON A SPOTLESS DISK.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY UNSETTLED. THE PERIOD BEGAN WITH A SHORT-LIVED INTERVAL OF ACTIVE TO MINOR STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO FLUCTUATE BETWEEN UNSETTLED AND ACTIVE CONDITIONS FOR THE NEXT THREE DAYS. THIS ANTICIPATED DISTURBANCE IS IN RESPONSE TO RECURRENT CORONAL HOLE STRUCTURE INFERRED FROM FE XIV (GREEN LINE) DATA.

III. EVENT PROBABILITIES 23 JAN-25 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

F GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 22 JAN 070

PREDICTED 23 JAN-25 JAN 069/069/069

90 DAY MEAN 22 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 JAN 018/031

ESTIMATED AFR/AP 22 JAN 013/015

PREDICTED AFR/AP 23 JAN-25 JAN 015/020-020/020-015/020

SOLTERWARN

BT

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