

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/24/86 00:00:00

End : 06/24/86 23:59:00

06/24 22:00

2131

HFUS3 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 175

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 JUN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100 TO 24/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK REMAINS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE ON THE 25TH. ACTIVITY SHOULD INCREASE TO ACTIVE TO MINOR STORM LEVELS AT MID-LATITUDES AND MINOR TO MAJOR STORM LEVELS AT HIGH LATITUDES ON THE 26-27TH JUNE. THIS ACTIVITY IS PRIMARILY EXPECTED DUE TO THE FILAMENT THAT DISAPPEARED EARLY ON 22 JUNE.

III. EVENT PROBABILITIES 25 JUN-27 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUN 066

PREDICTED 25 JUN-27 JUN 066/067/067

90 DAY MEAN 24 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 JUN 006/008

ESTIMATED AFR/AP 24 JUN 010/012

PREDICTED AFR/AP 25 JUN-27 JUN 010/015-025/055-025/055

SOLTERWARN

BT

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