

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/23/86 00:00:00

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

06/23 22:00

2127

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 174

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 JUN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: 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 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED WITH SOME PERIODS OF ACTIVE LEVELS AT HIGH LATITUDES FOR 24-25 JUNE. THE FIELD IS EXPECTED TO BE AT ACTIVE TO MINOR STORM AT MID-LATITUDES AND MINOR TO MAJOR STORM AT HIGH LATITUDES ON THE 26TH JUNE. THIS ACTIVITY IS PRIMARILY EXPECTED DUE TO THE FILAMENT THAT DISAPPEARED EARLY ON 22 JUNE.

III. EVENT PROBABILITIES 24 JUN-26 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JUN 067

PREDICTED 24 JUN-26 JUN 068/068/067

90 DAY MEAN 23 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 JUN 008/011

ESTIMATED AFR/AP 23 JUN 008/015

PREDICTED AFR/AP 24 JUN-26 JUN 005/015-005/015-025/055

SOLTERWARN

BT

NNNN

<003>