

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/25/86 00:00:00

End : 06/25/86 23:59:00

06/25 22:00

2133

HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 176

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 JUN 1986

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

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REACH ACTIVE TO MINOR STORM LEVELS AT MID-LATITUDES AND MAJOR STORM LEVELS AT HIGH LATITUDES ON 26-27 JUNE. THE ACTIVITY IS EXPECTED TO DIMINISH TO MOSTLY UNSETTLED LEVELS AT MID-LATITUDES AND ACTIVE TO MINOR STORM AT HIGH LATITUDES BY 28 JUNE. THIS ACTIVITY IS EXPECTED FROM THE 25 DEGREE FILAMENT WHICH DISAPPEARED ON 22 JUNE.

III. EVENT PROBABILITIES 26 JUN-28 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUN 066

PREDICTED 26 JUN-28 JUN 067/067/067

90 DAY MEAN 25 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 JUN 008/011

ESTIMATED AFR/AP 25 JUN 005/010

PREDICTED AFR/AP 26 JUN-28 JUN 025/060-025/055-015/035

SOLTERWARN

BT

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