

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/24/86 00:00:00

End : 09/24/86 23:59:00

09/24 22:00

2124

HFUS3 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 267

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 SEP 1986

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

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z:

THE GEOMAGNETIC FIELD WAS AT MINOR STORM TO ACTIVE LEVELS.

OCCASIONAL MAJOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE THE FIRST HALF OF THE PERIOD. A RECURRENT DISTURBANCE IS THEN EXPECTED TO START (LATE ON 26 SEP) WITH MINOR TO MAJOR STORM LEVELS AT HIGH LATITUDES. OCCASION MINOR STORM CONDITIONS ARE EXPECTED AT MID LATITUDES DURING MIDNIGHT PERIODS.

III. EVENT PROBABILITIES 25 SEP-27 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 SEP 068

PREDICTED 25 SEP-27 SEP 069/069/069

90 DAY MEAN 24 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 SEP 035/055

ESTIMATED AFR/AP 24 SEP 019/037

PREDICTED AFR/AP 25 SEP-27 SEP 016/025-017/025-020/035

SOLTERWARN

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2334

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..... CORRECTED COPY

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