

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/27/86 00:00:00

End : 09/27/86 23:59:00

09/27 22:00

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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 270

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS. A 10 DEGREE FILAMENT DISAPPEARED FROM S04 W19 BY 27/0557Z SEP.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE. BRIEF MINOR STORM CONDITIONS AT MID LATITUDES AND MAJOR STORM CONDITIONS AT HIGH LATITUDES OCCURRED MIDWAY THROUGH THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 28 SEP-30 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 SEP 069

PREDICTED 28 SEP-30 SEP 069/069/069

90 DAY MEAN 27 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 SEP 021/044

ESTIMATED AFR/AP 27 SEP 019/024

PREDICTED AFR/AP 28 SEP-30 SEP 011/020-009/015-012/018

SOLTERWARN

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