

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/26/86 00:00:00

End : 09/26/86 23:59:00

09/26 22:00

2130

93 BDU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 269

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: 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 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD WAS AT MINOR STORM TO ACTIVE LEVELS. A MINOR GEOMAGNETIC STORM BEGAN AT BOULDER AT 1800Z ON 26 SEP AND CONTINUES IN PROGRESS. MAJOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES THROUGHOUT THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY ACTIVE THROUGHOUT THE 3-DAY PERIOD WITH MINOR STORM CONDITIONS POSSIBLE AT HIGH LATITUDES ON 27 SEP.

III. EVENT PROBABILITIES 27 SEP-29 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 SEP 068

PREDICTED 27 SEP-29 SEP 068/068/068

90 DAY MEAN 26 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 SEP 022/034

ESTIMATED AFR/AP 26 SEP 027/050

PREDICTED AFR/AP 27 SEP-29 SEP 020/030-017/025-014/017

SOLTERWARN

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