

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/16/86 00:00:00

End : 09/16/86 23:59:00

09/16 22:00

2114

HPOSS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 259

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100 TO 16/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC FIELD ACTIVITY IS EXPECTED TO INCREASE WITH THE RETURN OF AN ACTIVE RECURRENT PATTERN OF SEVERAL PAST SOLAR ROTATIONS. ACTIVE CONDITIONS AT MIDDLE LATITUDES (MINOR STORM AT HIGH LATITUDES) WILL PREDOMINATE. PERIODS OF MINOR STORM CONDITIONS AT MIDDLE LATITUDES (MAJOR STORM AT HIGH LATITUDES) ARE LIKELY, ESPECIALLY IN THE LOCAL NIGHTTIME SECTORS.

III. EVENT PROBABILITIES 17 SEP-19 SEP

CLASS M 05/02/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 SEP 070

PREDICTED 17 SEP-19 SEP 070/069/069

90 DAY MEAN 16 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 SEP 014/024

ESTIMATED AFR/AP 16 SEP 012/020

PREDICTED AFR/AP 17 SEP-19 SEP 020/030-030/040-020/040

SOLTERWARN

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