

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/13/86 00:00:00

End : 09/13/86 23:59:00

09/13 22:00

2134

HQOS3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 256

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100 TO 13/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK REMAINS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY ACTIVE DURING THE PERIOD. HOWEVER, FROM 0000-0900UT MINOR STORM CONDITIONS WERE OBSERVED AT MID-LATITUDES AND MAJOR STORM CONDITIONS WERE OBSERVED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE ON 14-15 SEPTEMBER. ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY ON 16 SEPTEMBER DUE TO RECURRENT EFFECTS.

III. EVENT PROBABILITIES 14 SEP-16 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 SEP 068

PREDICTED 14 SEP-16 SEP 068/068/068

90 DAY MEAN 13 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 SEP 049/129

ESTIMATED AFR/AP 13 SEP 018/040

PREDICTED AFR/AP 14 SEP-16 SEP 010/020-010/015-015/025

SOLTERWARN

BT

NNNN

<003>