

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/09/86 00:00:00

End : 01/09/86 23:59:00

01/09 22:00

2130

HFUS3 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 009

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100 TO 09/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THROUGH ABOUT 1800UT. AFTER THAT, ACTIVITY PICKED UP TO ACTIVE TO MINOR STORM LEVELS AT HIGH LATITUDES, AND ACTIVE LEVELS AT MID LATITUDES. THIS INCREASE IN ACTIVITY COULD BE ASSOCIATED WITH THE DISAPPEARING FILAMENT WHICH OCCURRED ON THE 6TH OF JANUARY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE AT ALL LATITUDES ON THE 10TH OF JANUARY. ON THE 11TH AND 12TH THE FIELD IS EXPECTED TO BE QUIET TO UNSETTLED AT ALL LATITUDES.

III. EVENT PROBABILITIES 10 JAN-12 JAN

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JAN 075

PREDICTED 10 JAN-12 JAN 075/077/079

90 DAY MEAN 09 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 JAN 010/011

ESTIMATED AFR/AP 09 JAN 010/010

PREDICTED AFR/AP 10 JAN-12 JAN 015/020-010/015-010/010

SOLTERWARN

BT

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