

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/12/86 00:00:00

End : 01/12/86 23:59:00

01/12 22:00

2111

63 BDU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 012

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE ON THE 13TH. THE SECOND DAY OF THE FORECAST IS EXPECTED TO BE AT HIGH ACTIVE TO STORM LEVELS AND THEN RETURN TO ACTIVE ON 15 JANUARY. THE SIGNIFICANT ACTIVITY INCREASE ON THE 14TH IS DUE TO A LARGE FILAMENT (S22E46-28 DEGREES) THAT DISAPPEARED ON 10 JANUARY AND A POSSIBLE CORONAL HOLE CROSSING CENTRAL MERIDIAN.

III. EVENT PROBABILITIES 13 JAN-15 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JAN 074

PREDICTED 13 JAN-15 JAN 075/074/074

DAY MEAN 12 JAN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 JAN 003/005

ESTIMATED AFR/AP 12 JAN 010/007

PREDICTED AFR/AP 13 JAN-15 JAN 012/015-028/055-018/025

SOLTERWARN

BT

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