

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/11/87 00:00:00

End : 02/11/87 23:59:00

02/11 22:00

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HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 042

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A NEW REGION 4770 (NO3E30) WAS NUMBERED TODAY AS AN AXX TYPE SPOT GROUP. THE REST OF THE DISK AND LIMBS WERE SPOTLESS AND QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH A FEW BRIEF AND ISOLATED PERIODS OF UNSETTLED CONDITIONS AT SOME STATIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET AT MIDDLE LATITUDES AND UNSETTLED AT HIGH LATITUDES FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 12 FEB-14 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 FEB 070

PREDICTED 12 FEB-14 FEB 071/071/072

90 DAY MEAN 11 FEB 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 FEB 010/008

ESTIMATED AFR/AP 11 FEB 004/007

PREDICTED AFR/AP 12 FEB-14 FEB 007/010-007/010-007/012

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