

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/14/87 00:00:00

End : 02/14/87 23:59:00

02/14 22:00

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HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 045

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100Z TO 14/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NEW REGION 4771 (N18W00) DEVELOPED QUICKLY OVERNIGHT AND WAS NUMBERED TODAY AS A BXO TYPE SPOT GROUP. THE REST OF THE DISK AND LIMBS WERE QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET AT ALL LATITUDES WITH A FEW BRIEF PERIODS OF UNSETTLED CONDITIONS AT ONE STATION.

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

III. EVENT PROBABILITIES 15 FEB-17 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 FEB 070

PREDICTED 15 FEB-17 FEB 071/071/072

90 DAY MEAN 14 FEB 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 FEB 005/007

ESTIMATED AFR/AP 14 FEB 005/010

PREDICTED AFR/AP 15 FEB-17 FEB 007/010-010/012-007/010

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