

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/18/87 00:00:00

End : 02/18/87 23:59:00

02/18 22:00

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HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 049

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK IS SPOTLESS AND THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE ENTIRE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED DURING THE PREVIOUS 24 HOURS. ONE BRIEF PERIOD OF ACTIVE CONDITIONS WAS OBSERVED AT HIGH LATITUDES BETWEEN 18/1030-1200Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED ON 19 FEBRUARY AND QUIET TO UNSETTLED THE REMAINING TWO DAYS OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 FEB-21 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 FEB 071

PREDICTED 19 FEB-21 FEB 071/072/072

90 DAY MEAN 18 FEB 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 FEB 009/009

ESTIMATED AFR/AP 18 FEB 008/010

PREDICTED AFR/AP 19 FEB-21 FEB 008/010-005/010-005/010

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