

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/22/87 00:00:00

End : 02/22/87 23:59:00

02/22 22:00

2201

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 053

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z TO 22/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE. BRIEF STORM CONDITIONS OCCURRED EARLY IN THE PERIOD AT BOTH MID AND HIGH LATITUDES: WITH MAJOR LEVELS AT HIGH LATITUDES, AND CORRESPONDING MINOR LEVELS AT MID LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED. A WEAKLY RECURRENT ACTIVE DAY IS EXPECTED MIDWAY THROUGH THE PERIOD.

III. EVENT PROBABILITIES 23 FEB-25 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 FEB 072

PREDICTED 23 FEB-25 FEB 072/072/072

90 DAY MEAN 22 FEB 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 FEB 016/021

ESTIMATED AFR/AP 22 FEB 016/020

PREDICTED AFR/AP 23 FEB-25 FEB 010/012-014/016-008/012

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