

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/22/87 00:00:00

End : 12/22/87 23:59:00

12/22 22:00

2201

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 356

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 DEC 1987

I. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z TO 22/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY ASSIGNED REGION 4911 (S39W31) WAS A SMALL BETA-TYPE.

II. 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 TO UNSETTLED. HIGH LATITUDES OBSERVED MAJOR TO MINOR STORM CONDITIONS THROUGHOUT THE FIRST HALF OF THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 23 DEC-25 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 DEC 091

PREDICTED 23 DEC-25 DEC 091/090/090

90 DAY MEAN 22 DEC 096

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 DEC 007/021

ESTIMATED AFR/AP 22 DEC 014/028

PREDICTED AFR/AP 23 DEC-25 DEC 014/025-015/022-015/020

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