

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/30/87 00:00:00

End : 11/30/87 23:59:00

11/30 22:00

2215

HFUS3 BOU 302200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 334

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 NOV 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A C-1 X-RAY EVENT OCCURRED AT 30/1123Z. THERE WAS NO OPTICAL CORRELATION WITH THIS EVENT. NEWLY ASSIGNED REGION 4900 (N24W10) WAS NUMBERED TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET LEVELS FOR THE PAST 24 HOURS.

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

III. EVENT PROBABILITIES 01 DEC-03 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 NOV 092

PREDICTED 01 DEC-03 DEC 092/092/092

90 DAY MEAN 30 NOV 096

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 NOV 002/006

ESTIMATED AFR/AP 30 NOV 002/006

PREDICTED AFR/AP 01 DEC-03 DEC 005/015-005/013-005/015

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