

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/01/87 00:00:00

End : 11/01/87 23:59:00

11/01 22:00

2201

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 305

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 NOV 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100Z TO 01/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY NUMBERED REGION 4882 (S23E75) PRODUCED A VERY SMALL SUBFLARE LATE IN THE PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. A VERY SLIGHT CHANCE OF MODERATE ACTIVITY EXISTS.

RETURNING REGION 4870 (S24, L-208) IS EXPECTED THE LAST DAY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TD 01/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE THE FIRST HALF, AND AT ACTIVE TO MINOR STORM LEVELS THE LAST HALF. THE DISTURBANCE IS EXPECTED IN RESPONSE TO THE ESTIMATED C3 LONG DURATION X-RAY EVENT OF 30/2215Z.

III. EVENT PROBABILITIES 02 NOV-04 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

I C OTTAWA 10.7 CM FLUX

OBSERVED 01 NOV 101

PREDICTED 02 NOV-04 NOV 099/096/096

90 DAY MEAN 01 NOV 092

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 OCT 010/015

ESTIMATED AFR/AP 01 NOV 012/018

PREDICTED AFR/AP 02 NOV-04 NOV 016/025-018/030-025/035

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