

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/11/87 00:00:00

End : 07/11/87 23:59:00

07/11 22:00

2200

HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 192

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 JUL 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK HAS BEEN SPOTLESS SINCE THE WEST LIMB DEPARTURE OF REGION 4822. THE REMAINDER OF THE DISK HAS BEEN QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE LATITUDES. THE HIGH LATITUDE FIELD HAS BEEN MOSTLY UNSETTLED WITH BRIEF PERIODS AT ACTIVE LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 12 JUL-14 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUL 073

PREDICTED 12 JUL-14 JUL 074/074/076

90 DAY MEAN 11 JUL 082

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 JUL 010/019

ESTIMATED AFR/AP 11 JUL 008/012

PREDICTED AFR/AP 12 JUL-14 JUL 010/012-005/010-005/010

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