

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/23/86 00:00:00

End : 11/23/86 23:59:00

11/23 22:02

2217

HFUS3 BOU 232202 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 327

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100Z TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4758 (N28W60) PRODUCED ONE SUBFLARE AT 0146UT. A NEW BI-POLAR REGION (4759 AT S27W72) PRODUCED SUBFLARES AT 1858UT, 1955UT, AND 2038UT.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET FROM 22/2100UT TO 23/1500UT. SINCE 1500UT THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED WITH BREIF PERIODS OF ACTIVE CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED WITH PERIODS OF ACTIVE CONDITIONS FOR 24 NOVEMBER. THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED FOR 25-26 NOVEMBER.

III. EVENT PROBABILITIES 24 NOV-26 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 NOV 078

PREDICTED 24 NOV-26 NOV 079/080/081

90 DAY MEAN 23 NOV 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 NOV 001/007

ESTIMATED AFR/AP 23 NOV 004/011

PREDICTED AFR/AP 24 NOV-26 NOV 012/020-010/012-010/012

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