

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/08/86 00:00:00

End : 09/08/86 23:59:00

09/08 22:00

2125

US3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 251

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100 TO 08/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4745 (N28E12) PRODUCED A FEW SUBFLARES, THE LARGEST BEING A OB/C2 WHICH REACHED MAXIMUM AT 1644Z. A BURST OF 270 S.F.U. AT 245 MHZ ACCOMPANIED THIS VERY SHORT-LIVED EVENT. DEKAMETRIC TYPE III SWEEP ACTIVITY PRECEDED THE FLARE. IN GENERAL, THE REGION HAS BEEN SIMPLIFYING THROUGHOUT THE PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW. ISOLATED SUBFLARES MAY OCCUR IN REGION 4745.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MID-LATITUDES AND UNSETTLED TO ACTIVE AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE UNSETTLED TO ACTIVE EARLY IN THE PERIOD FOLLOWED BY QUIET TO UNSETTLED CONDITIONS THEREAFTER.

III. EVENT PROBABILITIES 09 SEP-11 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 SEP 068

PREDICTED 09 SEP-11 SEP 068/068/068

90 DAY MEAN 08 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 SEP 005/010

ESTIMATED AFR/AP 08 SEP 007/012

PREDICTED AFR/AP 09 SEP-11 SEP 015/017-005/012-005/010

SOLTERWARN

BT

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