

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/12/86 00:00:00

End : 08/12/86 23:59:00

08/12 22:00

2131

153 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 224

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 72 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AT MID-LATITUDES. HIGH LATITUDES OBSERVED STORM CONDITIONS FROM 0600 TO 1330Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE PREDOMINANTLY QUIET TO UNSETTLED THROUGHOUT THE PERIOD. HIGH LATITUDE STATIONS MAY EXPERIENCE MILDLY ACTIVE CONDITIONS AUGUST 13.

III. EVENT PROBABILITIES 13 AUG-15 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 AUG 067

PREDICTED 13 AUG-15 AUG 067/067/068

90 DAY MEAN 12 AUG 070

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 AUG 009/015

ESTIMATED AFR/AP 12 AUG 010/020

PREDICTED AFR/AP 13 AUG-15 AUG 010/015-005/010-005/012

SOLTERWARN

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