

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/13/86 00:00:00

End : 08/13/86 23:59:00

08/13 22:00

2131

US3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 225

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100 TO 13/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK IS AGAIN SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AT ALL LATITUDES. IN ADDITION, HIGH LATITUDES OBSERVED TWO INTERVALS OF MINOR STORM CONDITIONS. THIS DISTURBANCE MAY BE RELATED TO THE SECTOR BOUNDARY PASSAGE OF AUGUST 6.

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

III. EVENT PROBABILITIES 14 AUG-16 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 AUG 066

PREDICTED 14 AUG-16 AUG 066/067/067

90 DAY MEAN 13 AUG 070

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 AUG 012/023

ESTIMATED AFR/AP 13 AUG 017/020

PREDICTED AFR/AP 14 AUG-16 AUG 005/010-005/012-005/012

SOLTERWARN

BT

NNNN

<003>