

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/19/86 00:00:00

End : 08/19/86 23:59:00

08/19 22:00

2142

● S3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 231

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED WITH PERIODS OF ACTIVE CONDITIONS AT HIGH LATITUDES. A SMALL SHOCK WAS OBSERVED AT ABOUT 0900Z, MARKING THE BEGINNING OF THIS SLIGHT INCREASE IN GEOMAGNETIC ACTIVITY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME ACTIVE WITH PERIODS OF MINOR STORM CONDITIONS AT HIGH LATITUDES FOR 20-22 AUGUST.

III. EVENT PROBABILITIES 20 AUG-22 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 AUG 068

PREDICTED 20 AUG-22 AUG 068/068/069

90 DAY MEAN 19 AUG 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 AUG 003/007

ESTIMATED AFR/AP 19 AUG 010/017

PREDICTED AFR/AP 20 AUG-22 AUG 020/025-020/030-020/035

SOLTERWARN

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