

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/20/86 00:00:00

End : 07/20/86 23:59:00

07/20 22:00

2134

HFUS3 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 201

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 20 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100
TO 20/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A NEW BIPOLAR
REGION EMERGED TODAY AT N09E52 AND WAS NUMBERED 4740.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES AND
UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO CONTINUE QUIET AT MID-LATITUDES AND UNSETTLED AT
HIGH LATITUDES FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 21 JUL-23 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JUL 071

PREDICTED 21 JUL-23 JUL 071/071/072

90 DAY MEAN 20 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 JUL 005/009

ESTIMATED AFR/AP 20 JUL 004/012

PREDICTED AFR/AP 21 JUL-23 JUL 005/010-005/010-005/015

SOLTERWARN

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