

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/21/86 00:00:00

End : 07/21/86 23:59:00

07/21 22:00

2141

HFUSS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 202

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100 TO 21/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. SLIGHT GROWTH HAS BEEN REPORTED IN REGION 4738(N08W10) WITH INTERMEDIATE SPOTS APPEARING.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES AND UNSETTLED AT HIGH-LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO INCREASE FROM QUIET TO UNSETTLED AND UNSETTLED TO ACTIVE AT MID- AND HIGH-LATITUDES RESPECTIVELY OVER THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 22 JUL-24 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JUL 070

PREDICTED 22 JUL-24 JUL 071/072/072

90 DAY MEAN 21 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 JUL 004/008

ESTIMATED AFR/AP 21 JUL 008/012

PREDICTED AFR/AP 22 JUL-24 JUL 005/010-005/015-010/025

SOLTERWARN

BT

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