

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/19/86 00:00:00

End : 07/19/86 23:59:00

07/19 22:00

2119

HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 200

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4738 (NO8E15) HAS DECAYED TO A SINGLE SPOT. AN ACTIVE PROMINENCE WAS SEEN ON THE WEST LIMB AT ABOUT N20. NO OTHER SIGNIFICANT ACTIVITY HAS OCCURRED.

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 AT MID-LATITUDES AND UNSETTLED AT HIGH LATITUDES.

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

III. EVENT PROBABILITIES 20 JUL-22 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JUL 071

PREDICTED 20 JUL-22 JUL 070/070/070

90 DAY MEAN 19 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 JUL 005/011

ESTIMATED AFR/AP 19 JUL 005/012

PREDICTED AFR/AP 20 JUL-22 JUL 005/012-005/010-005/010

SOLTERWARN

BT

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