

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/21/86 00:00:00

End : 04/21/86 23:59:00

04/21 22:00

2147

FM US3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 111

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100 TO 21/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4724 (S10W22) HAS REGAINED SPOTS AND IS AN AXX TYPE SPOT GROUP. REGION 4725 (N00W20) IS STILL A COMPLEX CSO TYPE SPOT GROUP. THIS TRANSEQUATORIAL REGION HAS VARIOUS TRAILER SPOTS BOTH ABOVE AND BELOW THE EQUATOR. MINOR FLARE ACTIVITY WAS OBSERVED IN THIS REGION. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED FOR THE PAST 24 HOURS.

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

III. EVENT PROBABILITIES 22 APR-24 APR

CLASS M 05/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 21 APR 074

PREDICTED 22 APR-24 APR 075/076/076

90 DAY MEAN 21 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 APR 004/009

ESTIMATED AFR/AP 21 APR 008/015

PREDICTED AFR/AP 22 APR-24 APR 010/020-015/015-015/015

SOLTERWARN

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