

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/19/86 00:00:00

End : 04/19/86 23:59:00

04/19 22:00

2133

US3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 109

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4725 (N02E06) IS AN HSX TYPE SPOT GROUP. 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 18/2100Z TO 19/2100Z: GEOMAGNETIC ACTIVITY HAS BEEN GENERALLY UNSETTLED AT ALL LATITUDES WITH BRIEF MINOR STORM CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE ACTIVE FOR THE NEXT THREE DAYS. A RECURRENT DISTURBANCE IN THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE FOR THE NEXT FIVE DAYS.

III. EVENT PROBABILITIES 20 APR-22 APR

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 APR 074

PREDICTED 20 APR-22 APR 073/073/073

90 DAY MEAN 19 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 APR 008/012

ESTIMATED AFR/AP 19 APR 011/020

PREDICTED AFR/AP 20 APR-22 APR 015/020-015/020-010/015

SOLTERWARN

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