

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/18/86 00:00:00

End : 04/18/86 23:59:00

04/18 22:00

2124

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 108

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4723 (S11W62) AND 4724 (S07E17) HAVE DECLINED TO SCATTERED AND BROKEN PLAGE. REGION 4725 (N02E19) IS AN HSX TYPE SPOT GROUP. NO SIGNIFICANT ACTIVITY WAS OBSERVED AND NO NEW REGIONS WERE NUMBERED TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: GEOMAGNETIC ACTIVITY HAS BEEN QUIET TO UNSETTLED AT ALL LATITUDES WITH A BRIEF PERIOD OF 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 IS EXPECTED IN THE GEOMAGNETIC FIELD FOR THE NEXT SIX DAYS.

III. EVENT PROBABILITIES 19 APR-21 APR

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 APR 074

PREDICTED 19 APR-21 APR 074/073/073

90 DAY MEAN 18 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 APR 006/009

ESTIMATED AFR/AP 18 APR 010/020

PREDICTED AFR/AP 19 APR-21 APR 015/020-015/020-015/025

SOLTERWARN

BT

NNNN

<003>