

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/23/87 00:00:00

End : 04/23/87 23:59:00

04/23 22:00

210

HFUS3 BOU 232200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 113

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100Z TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4797 (N04E50) CONTINUES TO PRODUCE OCCASIONAL SUBFLARES. REGION 4798 (N27W44) HAS GROWN SLIGHTLY. THE REMAINING NUMBERED REGIONS WERE QUIET AND STABLE. NO NEW REGIONS WERE NUMBERED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGIONS 4797 AND 4798 ARE LIKELY TO PRODUCE OCCASIONAL SUBFLARES.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

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

III. EVENT PROBABILITIES 24 APR-26 APR

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 APR 076

PREDICTED 24 APR-26 APR 075/075/075

90 DAY MEAN 23 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 APR 005/007

ESTIMATED AFR/AP 23 APR 005/009

PREDICTED AFR/AP 24 APR-26 APR 005/010-005/010-005/010

NNNN

<003>