

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/12/86 00:00:00

End : 04/12/86 23:59:00

04/12 22:00

2117

US3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 102

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4723 (S12E21) REMAINS AS THE ONLY VISIBLE REGION AND IT HAS NOT CHANGED EXCEPT TO BECOME A TYPE B GROUP. THE REST OF THE DISK AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED AT MID LATITUDES WITH ACTIVE TO OCCASIONAL MINOR STORM CONDITIONS AT HIGHER LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED TO ACTIVE. QUIET TO UNSETTLED CONDITIONS EARLY IN THE PERIOD ARE LIKELY AT MID LATITUDES.

III. EVENT PROBABILITIES 13 APR-15 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 APR 073

PREDICTED 13 APR-15 APR 073/073/074

90 DAY MEAN 12 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 APR 004/010

ESTIMATED AFR/AP 12 APR 010/015

PREDICTED AFR/AP 13 APR-15 APR 005/015-015/025-010/020

SOLTERWARN

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