

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/13/86 00:00:00

End : 04/13/86 23:59:00

04/13 22:00

2112

US3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 103

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100 TO 13/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4723 (S12E08) HAS DEVELOPED PENUMBRA AND IS NOW A C TYPE SPOT GROUP. NOTHING ELSE ABOUT THE REGION HAS CHANGED AS IT IS STILL SMALL AND SIMPLE. THE EAST WEST DRIFT SCAN SHOWS INDICATIONS OF A NOISE SOURCE ON THE EAST LIMB BUT NOTHING HAS BEEN SIGHTED THERE AS YET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED AT LOW LATITUDES AND ACTIVE TO MINOR STORM LEVELS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED TO ACTIVE. THE LAST DAY OF THE PERIOD SHOULD BE TRENDING TOWARD QUIET TO UNSETTLED CONDITIONS.

III. EVENT PROBABILITIES 14 APR-16 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 13 APR 074

PREDICTED 14 APR-16 APR 074/074/075

90 DAY MEAN 13 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 APR 008/018

ESTIMATED AFR/AP 13 APR 008/015

PREDICTED AFR/AP 14 APR-16 APR 015/020-010/020-005/015

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