

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/04/86 00:00:00

End : 07/04/86 23:59:00

07/04 22:00

2123

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 185

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100 TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4734 (N27W22) HAS CHANGED LITTLE. THE MAGNETIC CONFIGURATION OF THIS BXO TYPE SPOT GROUP IS REVERSED FROM THE LEADER-POSITIVE AND TRAILER-NEGATIVE CONFIGURATION EXPECTED DURING THE CURRENT SUNSPOT CYCLE. NO NEW REGIONS WERE NUMBERED TODAY AND THE REST OF THE DISK AND LIMBS WERE VERY QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. REGION 4734 IS CAPABLE OF MINOR FLARE ACTIVITY. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE LATITUDES AND UNSETTLED AT HIGH LATITUDES. BRIEF AND ISOLATED PERIODS OF ACTIVE CONDITIONS WERE OBSERVED AT SOME STATIONS.

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

III. EVENT PROBABILITIES 05 JUL-07 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JUL 067

PREDICTED 05 JUL-07 JUL 067/068/068

90 DAY MEAN 04 JUL 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 JUL 009/013

ESTIMATED AFR/AP 04 JUL 008/013

PREDICTED AFR/AP 05 JUL-07 JUL 005/015-005/015-005/015

SOLTERWARN

BT

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