

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/05/86 00:00:00

End : 07/05/86 23:59:00

07/05 22:00

2126

US3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 186

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100 TO 05/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4734 (N27W35) IS NOW A DRO TYPE SPOT GROUP. THIS REGION IS PRODUCING MINOR FLARES WITH INCREASING FREQUENCY AND INTENSITY. NEW REGION 4735 (N01E80) WAS NUMBERED TODAY AS AN AXX TYPE SPOT GROUP. X-RAY ENHANCEMENTS (SMM SATELLITE DATA) AND EQUATORIAL EAST LIMB SURGING (OPTICAL DATA) ACCOMPANIED THIS REGION AS IT ROTATED ONTO THE DISK.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MIDDLE LATITUDES AND GENERALLY UNSETTLED AT HIGH LATITUDES.

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

III. EVENT PROBABILITIES 06 JUL-08 JUL

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 JUL 069

PREDICTED 06 JUL-08 JUL 071/072/073

90 DAY MEAN 05 JUL 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 JUL 008/013

ESTIMATED AFR/AP 05 JUL 006/011

PREDICTED AFR/AP 06 JUL-08 JUL 005/012-005/013-005/014

SOLTERWARN

BT

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