

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/03/86 00:00:00

End : 05/03/86 23:59:00

05/03 22:00

2119

US3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 123

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100 TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. FLARE AND SURGE ACTIVITY HAS BEEN REPORTED NEAR N07 AT WEST LIMB WHERE REGION 4727 IS NOW POSITIONED. REGION 4728 (N07W70) HAS PRODUCED A FEW SMALL SUBFLARES IN THE LAST SIX HOURS. THE REGION HAS BEEN MOSTLY STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD WAS AT MAJOR STORM LEVELS THE FIRST HALF OF THE PERIOD. THE DISTURBANCE, GENERATED BY A COMBINATION OF DISAPPEARING FILAMENT AND CORONAL HOLE EFFECTS, ABATED QUICKLY. GENERALLY UNSETTLED CONDITIONS PREVAILED THE PAST 12 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE PREDOMINANTLY ACTIVE THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 04 MAY-06 MAY

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 073

PREDICTED 04 MAY-06 MAY 072/072/071

90 DAY MEAN 03 MAY 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 MAY 029/060

ESTIMATED AFR/AP 03 MAY 040/067

PREDICTED AFR/AP 04 MAY-06 MAY 015/030-010/025-015/015

SOLTERWARN

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