

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/22/86 00:00:00

End : 06/22/86 23:59:00

06/22 22:00

2136

NS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 173

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 JUN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100 TO 22/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A 25 DEGREE LONG FILAMENT CENTERED AT N16W03 GRADUALLY DISAPPEARED FROM THE DISK FROM THE BEGINNING OF THE PERIOD THROUGH 1400UT. THE SOLAR DISK REMAINS SPOTLESS AND QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED. A BRIEF PERIOD OF ACTIVE CONDITIONS WERE OBSERVED AT HIGH LATITUDES FROM 0130-0600UT.

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

III. EVENT PROBABILITIES 23 JUN-25 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUN 068

PREDICTED 23 JUN-25 JUN 068/068/068

90 DAY MEAN 22 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 JUN 008/012

ESTIMATED AFR/AP 22 JUN 008/015

PREDICTED AFR/AP 23 JUN-25 JUN 010/015-005/015-005/015

SOLTERWARN

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