

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/07/87 00:00:00

End : 06/07/87 23:59:00

06/07 22:00

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HFUS3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 158

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100Z TO 07/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK IS SPOTLESS. THE LIMBS WERE QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AT MID-LATITUDES. MINOR TO MAJOR STORM CONDITIONS WERE IN EVIDENCE AT HIGH LATITUDE SITES UNTIL 0300Z. UNSETTLED TO ACTIVE LEVELS HAVE PREVAILED THERE SINCE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MAINLY UNSETTLED THROUGHOUT THE PERIOD.

III. EVENT PROBABILITIES 08 JUN-10 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JUN 074

PREDICTED 08 JUN-10 JUN 074/075/076

90 DAY MEAN 07 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 JUN 023/040

ESTIMATED AFR/AP 07 JUN 011/017

PREDICTED AFR/AP 08 JUN-10 JUN 005/010-010/012-010/012

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