

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/08/87 00:00:00

End : 06/08/87 23:59:00

06/08 22:00

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HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 159

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK WAS SPOTLESS FOR THE SIXTH STRAIGHT DAY. THE LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. AN INCREASE IS POSSIBLE BEGINNING 11 JUNE WHEN OLD REGION 4811 IS DUE AT EAST LIMB NEAR N27. THIS REGION PRODUCED TWO M-CLASS FLARES LAST ROTATION, AND IT WAS POTENT AT WEST LIMB PASSAGE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED. A BRIEF INTERVAL OF ACTIVE CONDITIONS WAS OBSERVED AT HIGH LATITUDES EARLY IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO FLUCTUATE BETWEEN QUIET AND UNSETTLED LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 09 JUN-11 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JUN 075

PREDICTED 09 JUN-11 JUN 076/077/078

90 DAY MEAN 08 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 JUN 013/016

ESTIMATED AFR/AP 08 JUN 005/011

PREDICTED AFR/AP 09 JUN-11 JUN 010/012-010/012-005/012

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