

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/09/87 00:00:00

End : 06/09/87 23:59:00

06/09 22:00

2201

HFUS3 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 160

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100Z TO 09/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. THE DISK IS AGAIN SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW. OLD REGION 4811, A PRODUCER OF TWO M-CLASS FLARES LAST ROTATION, IS DUE AT EAST LIMB NEAR N27 ON 11 JUNE. ITS ARRIVAL BRINGS AN INCREASED POSSIBILITY OF FLARE ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY QUIET TO UNSETTLED. A SLIGHT INCREASE IN ACTIVITY IS POSSIBLE EARLY IN THE PERIOD WHEN A SMALL CORONAL HOLE MAY EXERT ITS INFLUENCE.

III. EVENT PROBABILITIES 10 JUN-12 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JUN 075

PREDICTED 10 JUN-12 JUN 076/077/079

90 DAY MEAN 09 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 JUN 005/009

ESTIMATED AFR/AP 09 JUN 005/012

PREDICTED AFR/AP 10 JUN-12 JUN 010/015-005/012-005/012

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