

SESC Solar Summary and Forecast - For Joe Hirman

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

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

07/06 22:00

2203

HFUS3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 187

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 JUL 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100Z TO 06/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE SOLAR DISK CONTINUES TO BE SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED FOR 07 JULY, UNSETTLED TO ACTIVE FOR 08 JULY AND UNSETTLED FOR 09 JULY. THE INCREASE IN ACTIVITY ON 08 JULY IS FORECAST BECAUSE OF THE NORTHWARD EXTENSION OF THE SOUTHERN POLAR CORONAL HOLE TO THE SOLAR EQUATOR AS INDICATED BY ANALYSIS OF HELIUM 10830 DATA.

III. EVENT PROBABILITIES 07 JUL-09 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 JUL 071

PREDICTED 07 JUL-09 JUL 072/072/072

90 DAY MEAN 06 JUL 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 JUL 005/010

ESTIMATED AFR/AP 06 JUL 005/010

PREDICTED AFR/AP 07 JUL-09 JUL 010/010-015/016-010/012

NNNN

<003>