

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/14/87 00:00:00

End : 06/14/87 23:59:00

06/14 22:00

02

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 165

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100Z TO 14/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4815 (N28E45) CONTINUES TO BE A SINGLE SPOT AND PRODUCED A SUBFLARE DURING THE PERIOD. REGIONS 4814 (S19W63) AND 4813 (S12W46) CONTINUED AS INSIGNIFICANT AREAS OF SPOTLESS PLAGE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED WITH OCCASIONAL ACTIVE PERIODS AT HIGH LATITUDES FROM THE BEGINNING OF THE PERIOD UNTIL 14/1200Z WHEN CONDITIONS BECAME QUIET TO UNSETTLED.

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

III. EVENT PROBABILITIES 15 JUN-17 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 14 JUN 078

PREDICTED 15 JUN-17 JUN 080/080/079

90 DAY MEAN 14 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 JUN 011/013

ESTIMATED AFR/AP 14 JUN 007/015

PREDICTED AFR/AP 15 JUN-17 JUN 005/014-005/017-005/015

NNNN

<003>