

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/19/87 00:00:00

End : 07/19/87 23:59:00

07/19 22:00

2220

HFUS3 BOU 192200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 200

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 JUL 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100Z TO 19/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL REGIONS HAVE BEEN RELATIVELY QUIET. THE GOES SATELLITE X-RAY BACKGROUND HAS BEEN ENHANCED FOR THE PAST SEVERAL HOURS AND OCCASIONAL B-CLASS X-RAY EVENTS HAVE OCCURRED. HOWEVER, THERE HAS BEEN NO OPTICAL CORRELATION TO ANY OF THE X-RAY EVENTS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO ACTIVE FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED FOR THE ENTIRE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 JUL-22 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JUL 082

PREDICTED 20 JUL-22 JUL 083/084/082

90 DAY MEAN 19 JUL 080

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 JUL 012/017

ESTIMATED AFR/AP 19 JUL 010/018

PREDICTED AFR/AP 20 JUL-22 JUL 010/015-008/011-008/010

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