

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/15/87 00:00:00

End : 09/15/87 23:59:00

09/15 22:00

2200

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 258

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 SEP 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z

TO 15/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4853

(S33E02) IS STILL THE ONLY SPOTTED REGION ON THE DISK AND

IT HAS PRODUCED NO X-RAY EVENTS IN THE LAST 24 HOURS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO

REMAIN VERY LOW. REGION 4853 PROVIDES A VERY SLIGHT CHANCE

OF MODERATE ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN AT UNSETTLED TO ACTIVE

LEVELS AT MID-LATITUDES WHILE HIGH LATITUDES HAVE

EXPERIENCED ACTIVE TO MAJOR STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE UNSETTLED TO ACTIVE WITH POSSIBLE MINOR STORM

CONDITIONS AT HIGH LATITUDES.

III. EVENT PROBABILITIES 16 SEP-18 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PROB GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 SEP 084

PREDICTED 16 SEP-18 SEP 082/082/082

90 DAY MEAN 15 SEP 087

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 SEP 023/052

ESTIMATED AFR/AP 15 SEP 015/040

PREDICTED AFR/AP 16 SEP-18 SEP 010/030-007/025-008/020

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