

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/27/86 00:00:00

End : 08/27/86 23:59:00

08/27 22:00

2122

133 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 239

JOINT USAF/NDAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4744 (N05E20) REMAINED STABLE AND QUIET. IT IS STILL AN HSX/ALPHA SPOT GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: GEOMAGNETIC ACTIVITY WAS GENERALLY ACTIVE. PERIODS OF MINOR TO MAJOR STORM CONDITIONS WERE OBSERVED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE ON 28 AUG AND QUIET TO UNSETTLED CONDITIONS SHOULD PREVAIL THE SECOND AND THIRD DAYS OF THE FORECAST PERIOD. THE PERIODS OF STORMING THAT HAVE BEEN OBSERVED AT HIGH LATITUDES ARE EXPECTED TO END BY LATE TODAY OR EARLY TOMORROW.

III. EVENT PROBABILITIES 28 AUG-30 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 AUG 068

PREDICTED 28 AUG-30 AUG 068/068/068

90 DAY MEAN 27 AUG 070

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 AUG 013/020

ESTIMATED AFR/AP 27 AUG 015/025

PREDICTED AFR/AP 28 AUG-30 AUG 010/017-010/012-005/012

SOLTERWARN

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