

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/25/86 00:00:00

End : 08/25/86 23:59:00

08/25 22:00

2126

US3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 237

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4744 (N05E45) CONTINUES TO BE A QUIET HSX SPOT GROUP. THE REMAINDER OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. REGIONS 4744 IS NOT EXPECTED TO CHANGE CHARACTERISTICS AND THERE ARE NO SIGNIFICANT REGIONS DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY ACTIVE TO UNSETTLED AT MID LATITUDES. THE HIGH LATITUDES WERE AT MAJOR TO MINOR STORM LEVELS THE FIRST HALF OF THE PERIOD AND THE SECOND HALF WAS ACTIVE TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE GENERALLY UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS. STORM CONDITIONS ARE POSSIBLE, MAINLY AT HIGH LATITUDES, ON 26 AUG. THE PRIMARY BASIS FOR THE FORECAST IS RECURRENCE.

III. EVENT PROBABILITIES 26 AUG-28 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 AUG 069

PREDICTED 26 AUG-28 AUG 069/069/068

90 DAY MEAN 25 AUG 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 AUG 019/030

ESTIMATED AFR/AP 25 AUG 019/038

PREDICTED AFR/AP 26 AUG-28 AUG 013/030-010/025-010/017

SOLTERWARN

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