

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/24/86 00:00:00

: 02/24/86 23:59:00

02/24 22:00

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HFUS3 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 055

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100 TO 24/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. CLOUDS AND WEATHER HAVE HAMPERED OBSERVATIONS AT MOST OBSERVATORIES DURING RECENT HOURS AND NO REPORTS OF SPOTS IN REGION 4714 HAVE BEEN RECEIVED SINCE EARLY IN THIS ZULU DAY. THEY MAY POSSIBLY BE GONE AS BRIEF GLIMPSES BY PALEHUA INDICATE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT UNSETTLED TO ACTIVE LEVELS WITH BRIEF STORM CONDITIONS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT 48 HOURS AND THEN GENERALLY UNSETTLED.

III. EVENT PROBABILITIES 25 FEB-27 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 FEB 070

PREDICTED 25 FEB-27 FEB 071/072/072

90 DAY MEAN 24 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 FEB 025/049

ESTIMATED AFR/AP 24 FEB 013/025

PREDICTED AFR/AP 25 FEB-27 FEB 010/015-010/015-010/010

SOLTERWARN

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