

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/25/86 00:00:00

: 02/25/86 23:59:00

02/25 22:00

2122

HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 056

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE DISK REMAINS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS. HOWEVER THE RETURN OF OLD REGION 4713 IS EXPECTED TO ELEVATE THE LEVEL OF FLARE OCCURRENCE STARTING WITH ITS APPEARANCE EARLY TOMORROW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO SLIGHTLY ACTIVE.

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

III. EVENT PROBABILITIES 26 FEB-28 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 25 FEB 072

PREDICTED 26 FEB-28 FEB 074/076/078

90 DAY MEAN 25 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 FEB 015/022

ESTIMATED AFR/AP 25 FEB 014/020

PREDICTED AFR/AP 26 FEB-28 FEB 010/015-010/015-010/010

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