

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/23/86 00:00:00

End : 01/23/86 23:59:00

23 22:00

2145

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 023

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A SINGLE SPOT WAS OBSERVED NEAR N28E40 AT VARIOUS TIMES DURING THE DAY, BUT IS NO LONGER VISIBLE AT THIS TIME. EMERGING FLUX HAS BEEN NOTED NEAR N05W23 WITH EMBEDDED ARCH-FILAMENTS, BUT AS YET NO SPOTS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD HAS BEEN MOSTLY UNSETTLED TO ACTIVE THE PAST 24 HOURS. MINOR STORM CONDITIONS WERE OBSERVED AT HIGH LATITUDES FROM 1630 TO 1930Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE PREDOMINANTLY ACTIVE FOR THE NEXT THREE DAYS. A CORONAL HOLE CENTERED NEAR W40 IS EXPECTED TO BRING OCCASIONAL PERIODS OF MINOR STORM CONDITIONS AS WELL.

III. EVENT PROBABILITIES 24 JAN-26 JAN

CLASS M 01/01/01

CLASS X 01/01/01

TON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JAN 069

PREDICTED 24 JAN-26 JAN 069/069/070

90 DAY MEAN 23 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 JAN 011/013

ESTIMATED AFR/AP 23 JAN 017/019

PREDICTED AFR/AP 24 JAN-26 JAN 020/020-015/020-020/020

SOLTERWARN

BT

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