

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/04/87 00:00:00

End : 02/04/87 23:59:00

02/04 22:00

2200

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 035

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. THE SOLAR DISK REMAINS SPOTLESS. A 20-DEGREE FILAMENT CENTERED NEAR S47E04 AT 0400 UT DISAPPEARED BY 1440 UT. APPROXIMATELY 3 DEGREES OF THE CENTER PORTION OF A FILAMENT NEAR S48E40 FADED BETWEEN 1430-1800 UT. THE REMAINDER OF THE DISK AND LIMBS WERE REPORTED QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY QUIET WITH OCCASIONAL PERIODS AT UNSETTLED LEVELS ESPECIALLY AT HIGH GEOMAGNETIC LATITUDES.

III. EVENT PROBABILITIES 05 FEB-07 FEB

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 FEB 070

PREDICTED 05 FEB-07 FEB 070/070/070

90 DAY MEAN 04 FEB 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 FEB 004/006

ESTIMATED AFR/AP 04 FEB 003/008

PREDICTED AFR/AP 05 FEB-07 FEB 010/013-007/013-005/010

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