

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/05/87 00:00:00

End : 02/05/87 23:59:00

02/05 22:00

2200

HFUS3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 036

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100Z TO 05/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. THE SOLAR DISK AND LIMBS REMAIN STABLE AND QUIET.

A FILAMENT OBSERVED NEAR S26W56 AT 1320 UT ON 4 FEBRUARY WAS GONE BY 1240 UT TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS. A SUDDEN IMPULSE WAS OBSERVED IN GEOSYNCHRONOUS SATELLITE DATA AT 1722 UT.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY QUIET FOR THE NEXT THREE DAYS, WITH THE POSSIBILITY OF UNSETTLED CONDITIONS AT HIGH GEOMAGNETIC LATITUDES.

III. EVENT PROBABILITIES 06 FEB-08 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 FEB 069

PREDICTED 06 FEB-08 FEB 070/070/070

90 DAY MEAN 05 FEB 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 FEB 003/007

ESTIMATED AFR/AP 05 FEB 003/007

PREDICTED AFR/AP 06 FEB-08 FEB 007/010-005/010-005/010

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