

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/26/86 00:00:00

End : 01/26/86 23:59:00

01/26 22:00

2131

S3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 026

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A NEW-CYCLE EMERGING FLUX REGION, LOCATED NEAR S30E12, WAS BORN ON THE DISK TODAY. A SIX DEGREE LONG FILAMENT ERUPTED THERE AT 1800Z, FOLLOWED SHORTLY THEREAFTER BY A SUB-FAINT FLARE. SINCE THEN THE REGION HAS BEEN QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY UNSETTLED TO ACTIVE. HOWEVER, HIGH-LATITUDES BEGAN THE PERIOD AT MAJOR STORM LEVELS WITH THE DISTURBANCE ABATING OVER THE FOLLOWING SIX HOURS. A CORONAL HOLE IS THE PROBABLE SOURCE OF THIS ACTIVITY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD REMAIN AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 27 JAN-29 JAN

CLASS M 01/01/01

CLASS X 01/01/01

TON 01/01/01

F GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JAN 070

PREDICTED 27 JAN-29 JAN 071/071/072

90 DAY MEAN 26 JAN 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 JAN 024/030

ESTIMATED AFR/AP 26 JAN 010/025

PREDICTED AFR/AP 27 JAN-29 JAN 015/020-015/020-010/020

SOLTERWARN

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