

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/17/87 00:00:00

End : 02/17/87 23:59:00

02/17 22:00

02

HFUS3 BDU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 048

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 17 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100Z TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4771 (N18W41) CONTINUES TO EXHIBIT DECAY. A NEW EMERGING REGION HAS APPEARED AT N13W50. IT IS DISPLAYING PLAGE OF VARYING INTENISTY AND AN EMERGING ARCH FILAMENT SYSTEM, BUT NO SPOTS AS OF THIS REPORT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4771 IS EXPECTED TO CONTINUE DECAYING WITHOUT ANY SIGNIFICANT ACITIVITY. OLD REGION 4767 IS EXPECTED TO RETURN DURING THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED ON 18 AND 19 FEBRUARY AND QUIET TO UNSETTLED ON 20 FEBRUARY.

III. EVENT PROBABILITIES 18 FEB-20 FEB

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 FEB 070

PREDICTED 18 FEB-20 FEB 071/071/071

90 DAY MEAN 17 FEB 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 FEB 012/015

ESTIMATED AFR/AP 17 FEB 008/012

PREDICTED AFR/AP 18 FEB-20 FEB 008/012-008/010-005/010

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02/17 22:00

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HFUS3 BDU 172200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 048

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

: : : : : CORRECTED COPY : : : : : : : : :

ISSUED 2200Z 17 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100Z TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITZ

02/17 22:00

PREDICTED AFR/AP 18 FEB-20 FEB 008/012-008/010-005/010

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