

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/18/86 00:00:00

: 02/18/86 23:59:00

02/18 22:00

2130

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 049

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. THE DISK IS AGAIN SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. THE GREATER THAN 10 MEV PROTON EVENT ENDED AROUND 1600Z ON FEB. 17.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY ACTIVE THE NEXT THREE DAYS. FLARE ACTIVITY LATE ON FEB. 16- COUPLED WITH AN EARLIER DISAPPEARING FILAMENT- SHOULD PROVIDE THE IMPETUS.

III. EVENT PROBABILITIES 19 FEB-21 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AFF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 18 FEB 070

PREDICTED 19 FEB-21 FEB 069/069/069

90 DAY MEAN 18 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 FEB 010/009

ESTIMATED AFR/AP 18 FEB 012/016

PREDICTED AFR/AP 19 FEB-21 FEB 015/020-020/025-020/025

SOLTERWARN

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