

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/19/86 00:00:00

: 02/19/86 23:59:00

02/19 22:00

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HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 050

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE ONLY SIGNIFICANT ACTIVITY REPORTED WAS THE DISAPPEARANCE OF A 16 DEGREE LONG FILAMENT FROM S41W72 EARLY IN THE PERIOD. THE DISK IS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE THROUGH FEB. 22. A DISAPPEARING FILAMENT, FLARE ACTIVITY, AND RECURRENCE SHOULD ALL CONTRIBUTE TO THE LEVEL OF ACTIVITY.

III. EVENT PROBABILITIES 20 FEB-22 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 FEB 070

PREDICTED 20 FEB-22 FEB 069/070/070

90 DAY MEAN 19 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 FEB 012/015

ESTIMATED AFR/AP 19 FEB 010/015

PREDICTED AFR/AP 20 FEB-22 FEB 020/025-020/025-020/025

SOLTERWARN

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