

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/04/86 00:00:00

End : 11/04/86 23:59:00

11/04 22:00

2206

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 308

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NO NEW REGION WAS NUMBERED TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT MAJOR TO MINOR STORM LEVELS. SEVERE STORM CONDITIONS OCCURRED AT HIGH LATITUDES THROUGHOUT THE PERIOD. THIS ACTIVITY IS BELIEVED TO BE THE RESULT OF A CORONAL MASS EJECTION ASSOCIATED WITH A LONG DURATION X-RAY EVENT ON 31 OCTOBER WITH A MAX TIME AT 2215UT.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE TO UNSETTLED THROUGHOUT THE THREE DAY PERIOD. BRIEF INTERVALS OF MINOR STORM CONDITIONS ARE POSSIBLE AT HIGH LATITUDES THE FIRST TWO DAYS OF THE PERIOD.

III. EVENT PROBABILITIES 05 NOV-07 NOV

CLASS M 03/02/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 NOV 084

PREDICTED 05 NOV-07 NOV 080/078/077

90 DAY MEAN 04 NOV 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 NOV 012/016

ESTIMATED AFR/AP 04 NOV 048/090

PREDICTED AFR/AP 05 NOV-07 NOV 020/028-015/023-010/015

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