

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/07/86 00:00:00

End : 11/07/86 23:59:00

11/07 22:00

2315

HFUS3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 311

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100Z TO 07/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A RADIO NOISE STORM WAS REPORTED TO HAVE BEGUN BEFORE 07/1147UT AND REMAINS IN PROGRESS. SEVERAL RADIO BURSTS AND SWEEPS WERE REPORTED. ONLY MINOR FLARES OCCURRED DURING THE PERIOD. NO NEW REGIONS WERE NUMBERED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE. MINOR STORM CONDITIONS ARE PROBABLE AT HIGH LATITUDES DURING THE LAST DAY OF THE PERIOD. THIS FORECAST IS BASED ON RECURRENCE.

III. EVENT PROBABILITIES 08 NOV-10 NOV

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 NOV 078

PREDICTED 08 NOV-10 NOV 075/072/071

90 DAY MEAN 07 NOV 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 NOV 009/015

ESTIMATED AFR/AP 07 NOV 008/015

PREDICTED AFR/AP 08 NOV-10 NOV 010/015-018/025-020/030

NNNN

<003>