

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/20/86 00:00:00

End : 11/20/86 23:59:00

11/20 22:00

2200

HFUS3 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 324

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 20 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100Z TO 20/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4757 (N24W04) PRODUCED A SUB-FAINT/C1 FLARE WHICH REACHED MAXIMUM AT 0906Z. THE REGION HAS BEEN QUIET AND STABLE SINCE. NEWLY NUMBERED REGION 4758 (N26W22) CONSISTS OF A SINGLE SPOT, WEAK ARCH FILAMENTS, AND A MODEST AMOUNT OF PLAGE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED. HIGH LATITUDES OBSERVED BRIEF INTERVALS OF ACTIVE CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED THE FIRST TWO DAYS OF THE PERIOD, AND UNSETTLED TO MILDLY ACTIVE ON NOV. 23.

III. EVENT PROBABILITIES 21 NOV-23 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

POF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 NOV 074

PREDICTED 21 NOV-23 NOV 073/073/072

90 DAY MEAN 20 NOV 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 NOV 002/007

ESTIMATED AFR/AP 20 NOV 003/009

PREDICTED AFR/AP 21 NOV-23 NOV 005/010-005/012-010/015

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