

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/15/86 00:00:00

End : 11/15/86 23:59:00

11/15 22:00

2224

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 319

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z TO 15/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4757 (N23E61) LOST A SIX DEGREE LONG FILAMENT BY 15/1902Z. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE. MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES LATE IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY ACTIVE. STORM CONDITIONS ARE PROBABLE AT HIGH LATITUDES. THIS RECURRENT DISTURBANCE IS EXPECTED TO DIMINISH THE LAST HALF OF THE PERIOD. UNSETTLED CONDITIONS ARE EXPECTED AT MID-LATITUDES THE LAST DAY (18 NOV).

III. EVENT PROBABILITIES 16 NOV-18 NOV

CLASS M 25/20/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV 077

PREDICTED 16 NOV-18 NOV 079/080/081

90 DAY MEAN 15 NOV 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 NOV 005/008

ESTIMATED AFR/AP 15 NOV 009/017

PREDICTED AFR/AP 16 NOV-18 NOV 015/020-015/020-013/015

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