

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/12/86 00:00:00

End : 11/12/86 23:59:00

11/12 22:00

2221

HFUS3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 316

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100Z TO 12/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NO NEW REGIONS WERE NUMBERED, HOWEVER, OLD REGION 4750 IS DUE TO RETURN ON 13 NOV AND OLD REGION 4751 IS DUE TO RETURN ON 15 NOV.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW. INDICATIONS FROM WEAK X-RAY ACTIVITY TODAY COMBINED WITH A RISE IN OTTAWA 10CM FLUX SEEM TO POINT TO THE RETURN OF REGION 4750. HOWEVER, AT THE PRESENT TIME SIGNIFICANT ACTIVITY FROM THE REGION IS POSSIBLE BUT NOT PROBABLE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETLED.

III. EVENT PROBABILITIES 13 NOV-15 NOV

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 NOV 073

PREDICTED 13 NOV-15 NOV 075/078/079

90 DAY MEAN 12 NOV 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 NOV 014/021

ESTIMATED AFR/AP 12 NOV 008/012

PREDICTED AFR/AP 13 NOV-15 NOV 008/012-007/011-010/012

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11/12 22:00

2243

HFUS3 BOU 122200 COR

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: : : : : CORRECTED COPY : : : : :

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