

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/10/86 00:00:00

End : 11/10/86 23:59:00

11/10 22:00

2201

HFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 314

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100Z TO 10/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PREVIOUS 24 HOURS. A NEW REGION LOCATED AT S30W44 HAS BEEN OBSERVED BY MT. WILSON AND PHFF. SESC ASSIGNED THE REGION WITH NUMBER 4756.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW DURING THE NEXT THREE DAYS. OLD REGION 4750 IS DUE TO RETURN ON 13 NOV, HOWEVER, SIGNIFICANT ACTIVITY IS NOT EXPECTED AT THIS TIME.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS. RECURRENCE INDICATES ACTIVITY LEVELS TO BE HIGHER. HOWEVER, BASED ON CURRENT INFORMATION AND TRENDS, IT DOES NOT APPEAR THAT THE PATTERN WILL HOLD TRUE THIS ROTATION.

III. EVENT PROBABILITIES 11 NOV-13 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 NOV 072

PREDICTED 11 NOV-13 NOV 071/071/072

90 DAY MEAN 10 NOV 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 NOV 002/005

ESTIMATED AFR/AP 10 NOV 005/010

PREDICTED AFR/AP 11 NOV-13 NOV 005/010-005/010-007/010

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