

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/15/87 00:00:00

End : 11/15/87 23:59:00

11/15 22:00

2201

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 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z TO 15/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4890

(S25E28) HAS BEEN MOSTLY STABLE THROUGH THE PAST 24 HOURS.

THIS IS STILL THE ONLY SPOTTED REGION ON THE SOLAR DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. C-CLASS X-RAY ACTIVITY IS POSSIBLE FROM REGION 4890.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z:

THE GEOMAGNETIC FIELD AT MIDDLE LATITUDES HAS BEEN AT QUIET TO UNSETTLED LEVELS FOR THE PAST 24 HOURS. THE HIGH LATITUDE FIELD HAS BEEN UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED AT MIDDLE LATITUDES AND MOSTLY ACTIVE AT HIGH LATITUDES.

III. EVENT PROBABILITIES 16 NOV-18 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

I. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV 096

PREDICTED 16 NOV-18 NOV 095/095/092

90 DAY MEAN 15 NOV 093

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 NOV 018/023

ESTIMATED AFR/AP 15 NOV 010/015

PREDICTED AFR/AP 16 NOV-18 NOV 012/024-010/023-005/017

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