

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/14/87 00:00:00

End : 11/14/87 23:59:00

11/14 22:00

2201

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 318

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 NOV 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100Z TO 14/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NO OPTICAL FLARES WERE OBSERVED OVER THE PAST 24 HOURS. REGION 4890 (S25E40) REMAINS THE ONLY SPOTTED REGION ON THE DISK AND HAS CHANGED LITTLE SINCE YESTERDAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. C-CLASS X-RAY FLARES ARE POSSIBLE FROM REGION 4890. THERE IS A REMOTE CHANCE OF M-CLASS ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD AT MIDDLE LATITUDES HAS BEEN AT QUIET TO ACTIVE LEVELS FOR THE PAST 24 HOURS. THE HIGH LATITUDE FIELD HAS BEEN AT UNSETTLED TO MINOR STORM LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 15 NOV-17 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

POF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOV 094

PREDICTED 15 NOV-17 NOV 095/095/092

90 DAY MEAN 14 NOV 093

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 NOV 019/027

ESTIMATED AFR/AP 14 NOV 018/025

PREDICTED AFR/AP 15 NOV-17 NOV 012/015-012/018-010/023

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