

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/08/87 00:00:00

End : 12/08/87 23:59:00

12/08 22:00

2201

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 342

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 DEC 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4901 (S21W37) CONTINUES TO PRODUCE SMALL SUBFLARES. THIS REGION HAS NOT CHANGED SIGNIFICANTLY SINCE YESTERDAY. NEW REGION 4903 (S34W62) EMERGED AS A SMALL BIPOLAR SPOT GROUP DURING THE PAST 24 HOURS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. SUBFLARES ARE EXPECTED TO CONTINUE FROM 4901. SUBFLARES ARE ALSO POSSIBLE FROM REGION 4903 AS IT CONTINUES TO EMERGE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET LEVELS FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 09 DEC-11 DEC

CLASS M 01/01/01

CLASS X 01/01/01

FORTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 DEC 091

PREDICTED 09 DEC-11 DEC 093/095/097

90 DAY MEAN 08 DEC 095

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 DEC 002/006

ESTIMATED AFR/AP 08 DEC 002/006

PREDICTED AFR/AP 09 DEC-11 DEC 005/012-012/015-012/015

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