

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/09/86 00:00:00

End : 10/09/86 23:59:00

10/09 22:00

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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 282

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 OCT 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100Z TO 09/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4747

(N35W43) IS A CSO TYPE SPOT GROUP, REGION 4748 (S01W32) IS AN AXI TYPE SPOT GROUP, AND REGION 4749 (NUMBERED TODAY) (S04W30) IS A BXO TYPE SPOT GROUP. ONLY MINOR FLARE ACTIVITY WAS OBSERVED. THE REST OF THE DISK AND LIMBS WERE MOSTLY QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. THERE IS A SLIGHT CHANCE FOR AN M-CLASS X-RAY FLARE. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED AT ALL LATITUDES WITH A BRIEF PERIOD OF QUIET CONDITIONS AT MIDDLE LATITUDES. THERE WAS A BRIEF PERIOD OF MINOR STORM CONDITIONS AT ONE HIGH LATITUDE STATION.

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

III. EVENT PROBABILITIES 10 OCT-12 OCT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 OCT 075

PREDICTED 10 OCT-12 OCT 075/075/074

90 DAY MEAN 09 OCT 070

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 OCT 005/012

ESTIMATED AFR/AP 09 OCT 007/010

PREDICTED AFR/AP 10 OCT-12 OCT 007/017-010/015-010/015

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