

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/07/86 00:00:00

End : 09/07/86 23:59:00

09/07 22:00

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HFUS3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 250

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100 TO 07/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4745 (N28E25), THE SOLE SPOTTED REGION VISIBLE, HAS GROWN IN WHITE LIGHT. MAGNETICALLY IT IS A SIMPLE BIPOLE OF REVERSED POLARITY WITH A WEAK GRADIENT. FEW SUBFLARES HAVE BEEN GENERATED BY THE GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES. UNSETTLED TO MILDLY ACTIVE CONDITIONS HAVE PREVAILED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THROUGH SEPT. 9. QUIET TO UNSETTLED CONDITIONS ARE FORECAST FOR SEPT. 10.

III. EVENT PROBABILITIES 08 SEP-10 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 SEP 069

PREDICTED 08 SEP-10 SEP 069/069/069

90 DAY MEAN 07 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 SEP 008/013

ESTIMATED AFR/AP 07 SEP 005/013

PREDICTED AFR/AP 08 SEP-10 SEP 010/012-015/017-005/010

SOLTERWARN

BT

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