

SESC Solar Summary and Forecast - For Joe Hirman

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

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

09/10 22:00

2128

153 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 253

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4745 (N27W18) REMAINS A SIMPLE, QUIET UNIPOLAR SUNSPOT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET FOR THE LAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS WITH UNSETTLED CONDITIONS REACHING A MAXIMUM ON THE SECOND DAY. THIS ACTIVITY IS EXPECTED FROM A SMALL, WEAK CORONAL HOLE WHICH WAS OBSERVED AT N15W05 ON 9 SEPTEMBER.

III. EVENT PROBABILITIES 11 SEP-13 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 SEP 068

PREDICTED 11 SEP-13 SEP 068/068/068

90 DAY MEAN 10 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 SEP 005/013

ESTIMATED AFR/AP 10 SEP 007/008

PREDICTED AFR/AP 11 SEP-13 SEP 007/010-010/015-007/010

SOLTERWARN

BT

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