

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/30/86 00:00:00

End : 09/30/86 23:59:00

09/30 22:01

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H S3 BOU 302201 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 273

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4746 (NO7E61) IS THE ONLY SPOTTED REGION NOW VISIBLE. IT IS MAGNETICALLY SIMPLE AND HAS BEEN QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED. THE PERIOD BEGAN WITH A SHORT INTERVAL OF ACTIVE CONDITIONS AT HIGH LATITUDES.

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

III. EVENT PROBABILITIES 01 OCT-03 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 071

PREDICTED 01 OCT-03 SEP 072/072/072

90 DAY MEAN 30 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 SEP 012/017

ESTIMATED AFR/AP 30 SEP 007/013

PREDICTED AFR/AP 01 SEP 03 SEP 010/025-015/020-015/015

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