

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/28/86 00:00:00

End : 10/28/86 23:59:00

10/28 22:00

2235

HFUS3 BOU 282200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 301

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 OCT 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL FIVE SPOT GROUPS ARE STABLE OR DECLINING. THE FILAMENT IN REGION 4750 (N24W70) CONTINUES TO BE ACTIVE. AFS WAS AGAIN REPORTED IN REGION 4753 (S21E21) BUT REGION REMAINS SMALL AND MAGNETICALLY SIMPLE. REGION 4754 (S01E59) IS A SIMPLE H TYPE GROUP.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD WAS AT ACTIVE LEVELS EARLY IN THE PERIOD, BUT IS CURRENTLY QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED.

III. EVENT PROBABILITIES 29 OCT-31 OCT

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 05/05/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 OCT 095

PREDICTED 29 OCT-31 OCT 093/089/087

90 DAY MEAN 28 OCT 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 OCT 013/031

ESTIMATED AFR/AP 28 OCT 010/012

PREDICTED AFR/AP 29 OCT-31 OCT 010/015-010/010-005/010

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