

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/25/86 00:00:00

End : 10/25/86 23:59:00

10/25 22:00

2220

HFUS3 BOU 252200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 298

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 OCT 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4750 (N24W32) HAS PRODUCED INTERMITTENT SUBFLARES, WITH THE LARGEST BEING A 1B/C4 REACHING MAXIMUM AT 0610Z. ALL REGIONS ON THE DISK HAVE BEEN STABLE OR DECLINING. THE LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4750, ALTHOUGH SIMPLIFYING, IS STILL CAPABLE OF AN ISOLATED M-CLASS FLARE. FOUR OLD REGIONS ARE DUE AT EAST LIMB AT ASSORTED TIMES DURING THE PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 26 OCT-28 OCT

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 OCT 096

PREDICTED 26 OCT-28 OCT 093/091/089

90 DAY MEAN 25 OCT 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 OCT 002/006

ESTIMATED AFR/AP 25 OCT 002/007

PREDICTED AFR/AP 26 OCT-28 OCT 010/010-005/010-010/010

SOLTERWARN

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