

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/26/86 00:00:00

End : 10/26/86 23:59:00

10/26 22:00

2201

HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 299

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 OCT 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4750 (N24W45) HAS PRODUCED ONLY SMALL FLARES. THE FILAMENT IN THIS REGION HAS BEEN ACTIVE BUT GENERALLY THE REGION CONTINUES TO DECLINE. THE THREE OTHER SPOTTED REGIONS, REGION 4751 (S27W06), REGION 4752 (S15W02) AND REGION 4753 (S21E50) APPEAR STABLE OR DECLINING. THE RADIO NOISE STORM CONTINUES. THERE IS A SLIGHT ENHANCEMENT ON THE EAST LIMB IN THE 10CM EW SCAN DATA WHICH MAY HEARLD A RETURNING ACTIVE REGION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4750 IS STILL CAPABLE OF ENERGETIC EVENTS. OLD REGIONS 4747 (N35 L093), 4748 (S03 L088) AND 4749 (S04 L082) ARE DUE BACK OVER THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

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

III. EVENT PROBABILITIES 27 OCT-29 OCT

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 OCT 095

PREDICTED 27 OCT-29 OCT 093/091/089

90 DAY MEAN 26 OCT 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 OCT 003/006

ESTIMATED AFR/AP 26 OCT 003/008

PREDICTED AFR/AP 27 OCT-29 OCT 005/010-010/013-010/013

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