

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/12/87 00:00:00

End : 10/12/87 23:59:00

10/12 22:00

2201

HFUS3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 285

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 OCT 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100Z TO 12/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4866 (N22E42) IS STILL THE LARGEST AND MOST COMPLEX REGION, IT PRODUCED ONE SUBFLARE OBSERVED AT 11/2131Z. NEWLY ASSIGNED REGION 4869 (S26W07) EMERGED ON THE DISK.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO ACTIVE. HIGH LATITUDES EXPERIENCED BRIEF MINOR STORM CONDITIONS EARLY IN THE SUMMARY PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED TO ACTIVE BASED ON THE NORTHERN CORONAL HOLE EXTENSION AND RECURRENCE.

III. EVENT PROBABILITIES 13 OCT-15 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

RF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 OCT 103

PREDICTED 13 OCT-15 OCT 102/100/100

90 DAY MEAN 12 OCT 090

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 OCT 027/031

ESTIMATED AFR/AP 12 OCT 009/018

PREDICTED AFR/AP 13 OCT-15 OCT 015/018-010/015-010/015

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