

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/28/86 00:00:00

End : 08/28/86 23:59:00

08/28 22:00

2149

US3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 240

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 28 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100
TO 28/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO ACTIVITY WAS
OBSERVED FROM REGION 4744 (N05E07). IT IS STILL AN HSX/ALPHA
SPOT GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT REGIONS
ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:
GEOMAGNETIC ACTIVITY WAS QUIET TO UNSETTLED AT MID LATITUDES
AND UNSETTLED TO ACTIVE WITH PERIODS OF MINOR STORM CONDITIONS
AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS
EXPECTED TO BE GENERALLY UNSETTLED TO ACTIVE ON 29 AUGUST AND
QUIET TO UNSETTLED THE REMAINING PORTION OF THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 29 AUG-31 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 AUG 068

PREDICTED 29 AUG-31 AUG 068/068/068

90 DAY MEAN 28 AUG 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 AUG 018/025

ESTIMATED AFR/AP 28 AUG 007/018

PREDICTED AFR/AP 29 AUG-31 AUG 010/015-005/012-005/012

SOLTERWARN

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