

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/29/86 00:00:00

End : 08/29/86 23:59:00

08/29 22:00

2144

ISS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 241

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100
TO 29/2100Z: SOLAR ACTIVITY REMAINED VERY LOW DURING THE PAST 24
HOURS. REGION 4744 (N06W07 HSX/ALPHA SPOT GROUP) HAS CHANGED
VERY LITTLE DURING ITS ENTIRE LIFE ON THE DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
CONTINUE TO BE VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO
RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z:
THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED AT MID LATITUDES.
THE HIGH LATITUDE STATIONS OBSERVED PREDOMINATELY MINOR STORM
CONDITIONS WITH BRIEF PERIODS OF MAJOR STORM AND ACTIVE
CONDITIONS INCLUDED DURING THE LAST 24 HOURS. THE SOURCE OF THE
FREQUENT STORM CONDITIONS IS NOT KNOWN AT THIS TIME.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC ACTIVITY IS
EXPECTED TO QUIET TO UNSETTLED FOR THE NEXT THREE DAYS. ACTIVE
CONDITIONS, MAINLY AT HIGH LATITUDES, ARE POSSIBLE ON 30
AUGUST.

III. EVENT PROBABILITIES 30 AUG-01 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 AUG 068

PREDICTED 30 AUG-01 SEP 068/068/069

90 DAY MEAN 29 AUG 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 AUG 011/018

ESTIMATED AFR/AP 29 AUG 014/033

PREDICTED AFR/AP 30 AUG-01 SEP 013/015-007/012-005/013

SOLTERWARN

BT

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