

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

KISS3 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

NNNN

<003>