

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/24/86 00:00:00

End : 03/24/86 23:59:00

03/24 22:00

2140

003 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 083

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100 TO 24/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4719 (S12W84) IS AN AXX TYPE SPOT GROUP AND REGION 4720 (N03E54) IS AN AXX TYPE SPOT GROUP. NEITHER REGION PRODUCED ANY SIGNIFICANT ACTIVITY. NO NEW REGIONS WERE NUMBERED TODAY AND THE REST OF THE DISK AND LIMBS WERE QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: GEOMAGNETIC ACTIVITY HAS BEEN GENERALLY ACTIVE AT MIDDLE LATITUDES AND AT STORM CONDITIONS AT HIGH LATITUDES FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO REMAIN ACTIVE AT MIDDLE LATITUDES AND AT STORM CONDITIONS AT HIGH LATITUDES FOR THE NEXT 24 HOURS. ACTIVITY LEVELS WILL DIMINISH DURING THE SUBSEQUENT 48 HOURS TO UNSETTLED CONDITIONS AT MIDDLE LATITUDES AND ACTIVE CONDITIONS AT HIGH LATITUDES.

III. EVENT PROBABILITIES 25 MAR-27 MAR

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 MAR 070

PREDICTED 25 MAR-27 MAR 071/071/073

90 DAY MEAN 24 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 MAR 010/014

ESTIMATED AFR/AP 24 MAR 015/027

PREDICTED AFR/AP 25 MAR-27 MAR 015/020-012/015-008/015

SOLTERWARN

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