

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

053 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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