

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/23/86 00:00:00

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

03/23 22:00

2116

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 082

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4719 (S12W72) RETAINED ITS BXO TYPE SPOT GROUP. NEW REGION 4720 (N03E68) WAS ASSIGNED AS AN AXX TYPE SPOT GROUP. NEITHER REGION PRODUCED ANY SIGNIFICANT ACTIVITY. THE REST OF THE DISK AND LIMBS WERE RELATIVELY QUIET.

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 22/2100Z TO 23/2100Z: GEOMAGNETIC ACTIVITY HAS BEEN UNSETTLED TO ACTIVE AT ALL LATITUDES FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE ACTIVE FOR THE NEXT 48 HOURS AND UNSETTLED FOR THE SUBSEQUENT 24 HOURS AS A RECURRENT DISTURBANCE DOMINATES THE FIELD.

III. EVENT PROBABILITIES 24 MAR-26 MAR

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 MAR 070

PREDICTED 24 MAR-26 MAR 071/072/073

90 DAY MEAN 23 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 MAR 018/028

ESTIMATED AFR/AP 23 MAR 010/015

PREDICTED AFR/AP 24 MAR-26 MAR 015/020-015/020-010/015

SOLTERWARN

BT

NNNN

<003>