

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/01/86 00:00:00

End : 03/01/86 23:59:00

01 22:00

2138

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 060

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100 TO 01/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4717 (N01E69) HAS GROWN AND IS NOW A DKC TYPE SPOT GROUP. THIS REGION PRODUCED MINOR FLARE ACTIVITY, BOTH OPTICAL AND X-RAY. THE REST OF THE DISK AND LIMBS, INCLUDING SEVERAL PLAGE REGIONS, WERE QUIET. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. REGION 4717 IS EXPECTED TO PRODUCE MINOR FLARES. THERE IS AN INCREASED PROBABILITY FOR M-CLASS X-RAY FLARES FROM THIS REGION. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 01/2100Z: GEOMAGNETIC ACTIVITY WAS ACTIVE WITH PERIODS OF MINOR TO MAJOR STORM CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO REMAIN ACTIVE WITH PERIODS OF STORM CONDITIONS AT HIGH LATITUDES FOR THE NEXT 24 HOURS. GENERALLY UNSETTLED TO QUIET CONDITIONS ARE THEN EXPECTED FOR THE SUBSEQUENT 48 HOURS.

III. EVENT PROBABILITIES 02 MAR-04 MAR

CLASS M 20/25/30

CLASS X 02/02/02

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAR 086

PREDICTED 02 MAR-04 MAR 092/095/098

90 DAY MEAN 01 MAR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 FEB 019/031

ESTIMATED AFR/AP 01 MAR 018/030

PREDICTED AFR/AP 02 MAR-04 MAR 018/020-008/015-005/010

SOLTERWARN

BT

NNNN

<003>