

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/01/86 00:00:00

End : 05/01/86 23:59:00

05/01 22:00

2135

US3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 121

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100 TO 01/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4726 HAS TRANSITED THE WEST LIMB AND REGION 4727 (N07W63) HAS REMAINED QUIET AND STABLE. SOME MINOR POINT BRIGHTENINGS HAVE BEEN NOTED IN THE SOUTHERN PORTION OF REGION 4727, BUT NO SIGNIFICANT FLARES.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE ENTIRE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 01/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED THE PREVIOUS 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE LEVELS THROUGH THE FORECAST PERIOD WITH POSSIBLE MINOR TO MAJOR STORM CONDITIONS OCCURRING ON 03 MAY. THE ANTICIPATED STORM CONDITIONS ARE IN RESPONSE TO THE LARGE DISAPPEARING FILAMENT DISCUSSED IN YESTERDAYS FORECAST AND RECURENCE.

III. EVENT PROBABILITIES 02 MAY-04 MAY

CLASS M 05/01/01

CLASS X 01/01/01

OTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAY 071

PREDICTED 02 MAY-04 MAY 071/071/070

90 DAY MEAN 01 MAY 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 APR 006/008

ESTIMATED AFR/AP 01 MAY 008/010

PREDICTED AFR/AP 02 MAY-04 MAY 019/022-029/050-015/025

SOLTERWARN

BT

NNNN

<003>