

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/18/86 00:00:00

End : 05/18/86 23:59:00

05/18 22:00

2150

US3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 138

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY WAS VERY LOW DURING THE PREVIOUS 24 HOURS. ALL REGIONS ON THE DISK HAVE REMAINED BASICALLY QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. NO SERIOUS FLARE ACTIVITY IS EXPECTED FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE LAST 24 HOURS. SOME ACTIVE CONDITIONS WERE OBSERVED AT HIGH LATITUDES EARLY IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC ACTIVITY IS EXPECTED TO BE GENERALLY ACTIVE FOR THE ENTIRE FORECAST PERIOD. THE PREVAILING INFLUENCES FOR THE INCREASE IS THE DISAPPEARING FILAMENTS DISCUSSED IN YESTERDAYS REPORT AND A POSSIBLE CORONAL HOLE THAT CROSSED CENTRAL MERIDIAN.

III. EVENT PROBABILITIES 19 MAY-21 MAY

CLASS M 05/05/10

CLASS X 01/02/02

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 18 MAY 077

PREDICTED 19 MAY-21 MAY 078/080/083

90 DAY MEAN 18 MAY 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 MAY 008/016

ESTIMATED AFR/AP 18 MAY 014/020

PREDICTED AFR/AP 19 MAY-21 MAY 020/022-020/027-015/020

SOLTERWARN

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