

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/30/86 00:00:00

End : 05/30/86 23:59:00

05/30 22:00

2133

1053 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 150

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100 TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4731 (NO8W88) IS MAKING AN UNEVENTFUL TRANSIT OF THE WEST LIMB. REGION 4732 (S01W60) HAS BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED. ACTIVE CONDITIONS WERE IN EVIDENCE AT HIGH-LATITUDES LATE IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVELS THROUGHOUT THE PERIOD. A FAVORABLY POSITIONED CORONAL HOLE MAY BE RESPONSIBLE FOR THE CURRENT ACTIVITY, AND AN INFERRED SECTOR BOUNDARY PASSAGE WILL BE INFLUENTIAL THE LATTER PART OF THE INTERVAL.

III. EVENT PROBABILITIES 31 MAY-02 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 30 MAY 071

PREDICTED 31 MAY-02 JUN 070/070/069

90 DAY MEAN 30 MAY 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 MAY 004/008

ESTIMATED AFR/AP 30 MAY 010/015

PREDICTED AFR/AP 31 MAY-02 JUN 015/020-015/025-020/035

SOLTERWARN

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