

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/31/86 00:00:00

End : 05/31/86 23:59:00

05/31 22:00

2132

US3 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 151

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 31 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100 TO 31/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4732 (S01W71), THE ONLY SPOTTED REGION IN VIEW, HAS BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW THROUGHOUT THE PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z: THE GEOMAGNETIC FIELD WAS AT ACTIVE TO MINOR STORM LEVELS THE PAST 24 HOURS. ONE INTERVAL OF MAJOR STORM CONDITIONS WAS OBSERVED AT HIGH-LATITUDES. A CORONAL HOLE IS BELIEVED TO HAVE SPAWNED THE DISTURBANCE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD WILL REMAIN AT ACTIVE TO MINOR STORM LEVELS FOR THE NEXT THREE DAYS. A SECTOR BOUNDARY PASSAGE, OCCURRING 25 MAY, IS EXPECTED TO PROLONG CURRENT CONDITIONS.

III. EVENT PROBABILITIES 01 JUN-03 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAY 071

PREDICTED 01 JUN-03 JUN 070/070/069

90 DAY MEAN 31 MAY 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 MAY 011/013

ESTIMATED AFR/AP 31 MAY 018/030

PREDICTED AFR/AP 01 JUN-03 JUN 015/022-020/025-015/025

SOLTERWARN

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