

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/12/86 00:00:00

End : 05/12/86 23:59:00

05/12 22:00

2131

FM US3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 132

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. THERE ARE NO SPOTTED REGIONS ON THE DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE FIRST TWO DAYS OF THE PERIOD AND VERY LOW TO LOW FOR THE LAST DAY OF THE PERIOD. REGION 4726 (NO3, L-117 CLASS/AREA DKI/480 ON 24 APRIL) IS DUE TO RETURN AT APPROXIMATELY 0300 UT 15 APRIL. THIS REGION PRODUCED SEVERAL C AND M CLASS X-RAY EVENTS ON THE LAST SOLAR ROTATION.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED WITH BRIEF ACTIVE CONDITIONS AT HIGH LATITUDES FOR THE LAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED FOR THE NEXT TWO DAYS AND UNSETTLED TO SLIGHTLY ACTIVE ON THE THIRD DAY.

III. EVENT PROBABILITIES 13 MAY-15 MAY

CLASS M 02/05/15

CLASS X 01/01/02

PROTON 01/01/02

PCAF GREEN

● OTTAWA 10.7 CM FLUX

OBSERVED 12 MAY 069

PREDICTED 13 MAY-15 MAY 069/070/071

90 DAY MEAN 12 MAY 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 MAY 008/013

ESTIMATED AFR/AP 12 MAY 009/014

PREDICTED AFR/AP 13 MAY-15 MAY 008/013-008/014-008/015

SOLTERWARN

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