

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/13/86 00:00:00

End : 05/13/86 23:59:00

05/13 22:00

2130

US3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 133

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100 TO 13/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE LAST 24 HOURS. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 24 HOURS AND VERY LOW TO LOW FOR THE SUBSEQUENT 48 HOURS. REGION 4726 (N03, L-117 CLASS/AREA DK1/480 ON 24 APRIL) IS DUE TO RETURN EARLY ON 15 MAY. THE RETURN DATE OF THIS REGION WAS ERRONEOUSLY REPORTED AS 15 APRIL ON SDF 132 (12 MAY 86).

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS, WITH THE POSSIBILITY OF ACTIVE CONDITIONS AT HIGH LATITUDES ON 16 MAY.

III. EVENT PROBABILITIES 14 MAY-16 MAY

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 070

PREDICTED 14 MAY-16 MAY 071/073/075

90 DAY MEAN 13 MAY 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 MAY 011/013

ESTIMATED AFR/AP 13 MAY 005/007

PREDICTED AFR/AP 14 MAY-16 MAY 005/010-008/012-008/015

SOLTERWARN

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