

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/07/86 00:00:00

End : 07/07/86 23:59:00

07/07 22:00

2127

HFUS3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 188

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100 TO 07/2100Z: SOLAR ACTIVITY WAS VERY LOW DURING THE PREVIOUS 24 HOURS. THERE ARE TWO NUMBERED REGIONS CURRENTLY ON THE DISK.

REGION 4734 (N27W61 CAO/BETA) CONTINUES A SLOW DECAY. REGION 4735 (S00E53 DSO/BETA) CONTINUES TO EXHIBIT SOME MINOR GROWTH IN SPOTS AND PENUMBRA. THIS REGION HAD SEVERAL SUBFLARES AND B-CLASS X-RAY EVENTS YESTERDAY, BUT HAS REMAINED QUIET TODAY. THE REMAINDER OF THE DISK AND LIMBS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. ALTHOUGH REGION 4735 APPEARS TO HAVE SOME POTENTIAL FOR SIGNIFICANT ACTIVITY, THE POSSIBILITY IS NOT VERY HIGH.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED. THE POSSIBILITY EXISTS OF THE FIELD REACHING ACTIVE LEVELS ON THE SECOND AND THIRD DAYS OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 JUL-10 JUL

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JUL 070

PREDICTED 08 JUL-10 JUL 072/072/072

90 DAY MEAN 07 JUL .072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 JUL 006/009

ESTIMATED AFR/AP 07 JUL 006/013

PREDICTED AFR/AP 08 JUL-10 JUL 005/012-005/015-010/015

SOLTERWARN

BT

NNNN

<003>