

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/11/86 00:00:00

End : 09/11/86 23:59:00

09/11 22:00

2132

AFOS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 254

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY WAS VERY LOW. ALL REPORTS ON REGION 4745 (N27W31) INDICATE THAT IT HAS LOST ITS SINGLE SPOT AND HAS BECOME AN AREA OF DULL PLAGE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET, HOWEVER, AN IMPULSE WAS OBSERVED ON GROUND BASED AND SATELLITE MAGNETOMETERS AT ABOUT 1830UT, AND THE FIELD HAS BEEN UNSETTLED SINCE THEN. THIS ACTIVITY IS PROBABLY BEING CAUSED BY A SMALL, WEAK CORONAL HOLE THAT WAS OBSERVED AT N15W05 ON 9 SEPTEMBER.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE UNSETTLED ON THE FIRST DAY AND TO GRADUALLY DIMINISH TO QUIET LEVELS BY THE THIRD DAY.

III. EVENT PROBABILITIES 12 SEP-14 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 SEP 068

PREDICTED 12 SEP-14 SEP 068/068/068

90 DAY MEAN 11 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 SEP 006/008

ESTIMATED AFR/AP 11 SEP 007/008

PREDICTED AFR/AP 12 SEP-14 SEP 010/015-007/010-005/010

SOLTERWARN

BT

NNNN

<003>