

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/10/86 00:00:00

End : 07/10/86 23:59:00

07/10 22:00

2128

HFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 191

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100
TO 10/2100Z: SOLAR ACTIVITY WAS GENERALLY LOW DURING THE PAST 24
HOURS. REGION 4735 (NO0E14 DSO/BETA) HAD AN INCREASE IN SPOT
NUMBER, HOWEVER, THERE WAS A DECREASE IN PENUMBRA. ALL REPORTS
INDICATE THAT REGION 4735 IS ON THE DECLINE. IT HAS BEEN
GENERALLY QUIET. REGION 4736 (NO7W52 CSO/BETA) APPEARED AND WAS
NUMBERED YESTERDAY AFTERNOON. THE REGION BEGAN ACTIVITY VERY
QUICKLY AND IS BELIEVED TO BE RESPONSIBLE FOR SEVERAL X-RAY
FLARES. THE LARGEST THUS FAR WAS A C1.7 AT 1342Z TODAY. THE
REGION HAS NEAR FLARE INTENSITY POINT BRIGHTENINGS AND
OCCASIONAL SUBFLARES.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW TO LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z:
THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE
PREVIOUS 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS
EXPECTED TO BE ACTIVE ON 11 JULY AND UNSETTLED ON THE 12TH AND
13TH. THE FORECAST IS BASED ON THE REASONING DISCUSSED IN
YESTERDAYS REPORT.

III. EVENT PROBABILITIES 11 JUL-13 JUL

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUL 073

PREDICTED 11 JUL-13 JUL 072/070/070

90 DAY MEAN 10 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 JUL 007/012

ESTIMATED AFR/AP 10 JUL 010/015

PREDICTED AFR/AP 11 JUL-13 JUL 015/018-010/012-008/012

SOLTERWARN

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