

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/11/86 00:00:00

End : 10/11/86 23:59:00

10/11 22:00

2214

HFUS3 BOU 112200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 284

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 OCT 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4747 (N35W70) IS A CSD TYPE SPOT GROUP. REGION 4748 (S03W60) IS A BXD TYPE SPOT GROUP. REGION 4749 (S04W56) IS AN AXX TYPE SPOT GROUP. ONLY MINOR FLARE ACTIVITY WAS OBSERVED. NO NEW REGIONS WERE NUMBERED. THE REST OF THE DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. THERE IS A SLIGHT CHANCE FOR AN M-CLASS X-RAY FLARE. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET AT MIDDLE LATITUDES AND QUIET TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC WILL BE UNSETTLED TO ACTIVE AT ALL LATITUDES FOR THE NEXT THREE DAYS. ACTIVITY LEVELS ARE EXPECTED TO GRADUALLY INCREASE OVER THE INTERVAL.

III. EVENT PROBABILITIES 12 OCT-14 OCT

CLASS M 04/04/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 OCT 074

PREDICTED 12 OCT-14 OCT 073/073/072

90 DAY MEAN 11 OCT 070

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 OCT 002/006

ESTIMATED AFR/AP 11 OCT 005/010

PREDICTED AFR/AP 12 OCT-14 OCT 005/010-005/015-010/020

*Corrected Copy Attached*

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10/11 22:00

2257

HFUS3 BOU 112200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

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10/11 22:00

2335

HFUS3 BOU 112200 COR

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PREDICTED AFR/AP 12 OCT-14 OCT 008/010-010/015-015/020

SETERWARN

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