

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/08/86 00:00:00

End : 10/08/86 23:59:00

10/08 22:00

2201

US3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 281

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 OCT 19

87

IY. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4746 (N07W44) AND REGION 4748 (S03W23) HAVE BOTH DECAYED TO SPOTLESS REGIONS OF PLAGE. REGION 4747 (N35W31) HAS BEEN FAIRLY STABLE AND PRODUCED A SUBFLARE AT 2224UT ON 7 OCTOBER.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS. RECURRENT EFFECTS ARE EXPECTED TO PRODUCE A SMALL DISTURBANCE ON 9 OCTOBER, AFTER WHICH ACTIVITY SHOULD GRADUALLY DIMISH.

III. EVENT PROBABILITIES 09 OCT-11 OCT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCT 075

PREDICTED 09 OCT-11 OCT 074/074/073

90 DAY MEAN 08 OCT 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 OCT 003/009

ESTIMATED AFR/AP 08 OCT 007/015

PREDICTED AFR/AP 09 OCT-11 OCT 020/020-015/017-012/015

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