

2240

HFUS3 BOU 072200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 341

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 DEC 1987

ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100Z

07/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4901 (S22W23) PRODUCED A SUBFLARE AND APPEARS TO HAVE STABILIZED FROM ITS EARLY GROWTH PHASE. A NEW REGION 4902 (N26W28) WAS NUMBERED AND DEVELOPED INTO A SIMPLE BIPOLAR REGION WITHOUT PENUMBRA. THE REMAINDER OF THE SOLAR DISK WAS QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. REGION 4902 SHOULD CONTINUE TO PRODUCE SMALL FLARES. OLD REGION 4890 IS DUE TO RETURN SOMETIME IN THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD WAS QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED WITH OCCASIONAL PERIODS OF ACTIVE CONDITIONS DUE TO RECURRENT EFFECTS.

III. EVENT PROBABILITIES 08 DEC-10 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 DEC 088

PREDICTED 08 DEC-10 DEC 091/094/095

90 DAY MEAN 07 DEC 095

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 DEC 007/010

ESTIMATED AFR/AP 07 DEC 003/006

PREDICTED AFR/AP 08 DEC-10 DEC 010/011-015/016-015/015

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SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/07/87 00:00:00

End : 12/07/87 23:59:00

12/07 22:00

2234

HFUS3 BOU 072200

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THE REMAINDER OF THE SOLAHFUS3 BOU 072200 RTD

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