

HFUSE BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 336

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 DEC 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100 TO 01/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4598 (S11W73) IS NOW A VERY DECIMATED E TYPE SPOT GROUP WITH ONLY THREE SPOTS REMAINING. A SINGLE A TYPE SPOT HAS RETURNED TO THE PLAGE OF REGION 4600 (S10W53). A GROUP HAS ALSO EMERGED AT S06W03 AND IS NUMBERED 4601. LIMB ACTIVITY AT NE19 HAS BEEN IMPRESSIVE AND NEARLY CONTINUOUS. LOOPS WERE REPORTED IN THIS LOCATION FOLLOWING A LONG LIVED C1 EVENT THAT MAXED AT 1425Z. A SMALL SEGMENT OF PLAGE HAS ROTATED INTO VIEW AND WILL BE REGION 4602.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY MAY INCREASE SLIGHTLY AS THE REGION IN THE NORTHEAST REVEALS ITSELF.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 01/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH BRIEF MINOR STORM CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 02 DEC-04 DEC

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 DEC 079

PREDICTED 02 DEC-04 DEC 079/079/080

90 DAY MEAN 01 DEC 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 NOV 030/039

ESTIMATED AFR/AP 01 DEC 013/015

PREDICTED AFR/AP 02 DEC-04 DEC 014/015-014/020-010/020

SOLTERWARN

BT