

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 067

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 MAR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100 TO 08/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. HOWEVER, TWO SPOT GROUPS ARE NOW VISIBLE ON THE DISK AND ARE NUMBERED 4630 (S02E48) AND 4631 (S14E63). REGION 4630 IS A SMALL C TYPE GROUP AND REGION 4631 IS A SIMPLE A TYPE GROUP. A LARGE PROMINENCE NEAR NE39 HAS BEEN ACTIVE FOR SEVERAL HOURS. THE REST OF THE DISK AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD WAS AT UNSETTLED TO ACTIVE LEVELS WITH BRIEF PERIODS OF MINOR STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN AT UNSETTLED TO ACTIVE LEVELS WITH OCCASIONAL MINOR STORM CONDITIONS AT HIGH LATITUDES AND AT MID LATITUDES DURING NIGHTTIME HOURS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 09 MAR-11 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MAR 070

PREDICTED 09 MAR-11 MAR 071/072/072

90 DAY MEAN 08 MAR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 MAR 016/023

ESTIMATED AFR/AP 08 MAR 023/020

PREDICTED AFR/AP 09 MAR-11 MAR 010/020-015/020-015/015

SOLTERWARN

BT