

HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 056

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 FEB 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE ONLY SPOT GROUP VISIBLE ON THE DISK IS REGION 4629 (N03W07) WHICH CONTINUES A STEADY DECAY.

A FILAMENT DISAPPEARED NEAR S42W43 WHICH WAS 12 DEGREES LONG. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 24 HOURS. NO RETURNING REGIONS ARE EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH PERIODS OF MINOR STORM CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE FORECAST PERIOD BASED ON RECURRENT PATTERNS.

III. EVENT PROBABILITIES 26 FEB-28 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 FEB 072

PREDICTED 26 FEB-28 FEB 072/072/073

90 DAY MEAN 25 FEB 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 FEB 015/021

ESTIMATED AFR/AP 25 FEB 017/019

PREDICTED AFR/AP 26 FEB-28 FEB 015/020-015/020-012/015

SOLTERWARN

BT