

HFUS3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 280

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100Z TO 07/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THERE ARE NO SPOTS VISIBLE ON THE SUN.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE AT THE MID LATITUDES AND AT MINOR STORM LEVELS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO REMAIN AT THE ACTIVE LEVEL DURING THE BEGINNING OF THE PERIOD THRU 08/1200Z. AS THE CORONAL HOLE MOVES OUT OF FAVORABLE ACTIVITY POSITION THE FIELD IS THEN EXPECTED TO DECREASE TO ACTIVE TO UNSETTLED FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 OCT-10 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 OCT 066

PREDICTED 08 OCT-10 OCT 067/067/068

90 DAY MEAN 07 OCT 072

V. GEOMAGNETIC A INDICES

~~OBSERVED AFR/AP 06 OCT 033/052~~

ESTIMATED AFR/AP 07 OCT 025/027

PREDICTED AFR/AP 08 OCT-10 OCT 015/020-010/010-010/010

SOLTERWARN

BT