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*RUN=SDF

COMMAND? T

HFUS 3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 066

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 MAR 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100 TO 07/2100Z: SOLAR ACTIVITY CONTINUED LOW DURING THIS PERIOD. THE LARGEST EVENT OBSERVED WAS A C1/SF AT 07/0342UT FROM REGION 4097 (N12W90). THE REST OF THE REGIONS WERE OBSERVED TO BE GENERALLY STABLE THIS PERIOD. NO NEW REGIONS WERE OBSERVED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW DURING THIS FORECAST PERIOD. REGIONS CURRENTLY ON THE DISK APPEAR STABLE WITH SIMPLE MAGNETIC CONFIGURATIONS. RETURNING REGIONS WERE SMALL LAST ROTATION AND CURRENT DATA DOES NOT INDICATE ANY CHANGE IN THEIR ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET DURING THIS PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE GENERALLY UNSETTLED DURING THIS FORECAST PERIOD. THE CORONAL HOLE JUST PAST CENTERAL MERIDAN MAY INCREASE THE FIELD TO ACTIVE LEVELS DURING THE LAST SIX HOURS OF THIS FORECAST.

III. EVENT PROBABILITIES 08 MAR-10 MAR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAR 134

PREDICTED 08 MAR-10 MAR 130/125/120

90 DAY MEAN 07 MAR 151

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 MAR 011/014

ESTIMATED AFR/AP 07 MAR 009/015

PREDICTED AFR/AP 08 MAR-10 MAR 010/015-010/015-010/015

SOLTERWARN

BT