

STOP AT 1050

\*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 CENTRAL 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