

HFUS 1 BOU 062048

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 095

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 06 APRIL 1979

I. SOLAR ACTIVITY HAS BEEN LOW. SEVERAL SMALL C CLASS FLARES FROM RANDOM SOURCES AND ONE CLASS "M2" FROM REGION 1681 (N20E 75) IS THE ONLY DISK ACTIVITY REPORTED DURING THE PAST 24 HOURS. REGION 1661 (S25W60) MAINTAINS ALL OF THE OPTICAL CHARACTERISTICS GENERALLY ASSOCIATED WITH FLARE PRODUCTION BUT IT HAS BEEN QUIET TODAY. THE OTHER FOUR REGIONS ON THE DISK ARE RELATIVELY SMALL, SIMPLE REGIONS.

IB. REGION 1681, COMING OVER THE NORTHEAST LIMB, SHOULD INCREASE THE FREQUENCY OF FLARE OCCURRENCE. HOWEVER, ITS BEHAVIOR THUS FAR TODAY HAS NOT BEEN SUGGESTIVE OF AN OVERLY DYNAMIC REGION.

II. THE GEOMAGNETIC FIELD EXPERIENCED BORDER LINE MINOR STORM CONDITIONS IN NIGHTIME SECTORS DURING THE LAST 24 HOURS. THE COMING 24 HOURS SHOULD SEE A GENERALLY UNSETTLED FIELD.

III. EVENT PROBABILITIES 07 APRIL - 09 APRIL

CLASS M 75/75/75

CLASS X 10/10/10

PROTON 25/25/25

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 APR 175

PREDICTED 07-09 APR 176/176/176

90-DAY MEAN 06 APR 198

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 05 APR 40

ESTIMATED AFR/AP 06 APR 1/23

PREDICTED AFR/AP 07-09 APR 1/15 - 10/10 - 08/08

SOLTERWARN

BT