

HFUS 1 BOU 212200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
SDF NUMBER 111
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 APRIL 1979

IA. SOLAR ACTIVITY REMAINS LOW WITH ONLY SPORADIC X-RAY BURSTS OF C1 OR C2. ALL DISK REGIONS ARE SIMPLE MAGNETICALLY, EXPLAINING THE CURRENT LOW LEVEL OF SOLAR ACTIVITY. REGIONS 1702 (N23W00) AND 1703 (N22E52) HAVE EMERGED TODAY WITH REGION 1703 GROWING SLOWLY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETLED UNTIL APPROXIMATELY 1300Z WHEN THE FIELD BECAME ACTIVE. THE FIELD IS EXPECTED TO BE MODERATELY UNSETLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 22-24 APR

CLASS M	10/10/10
CLASS X	21/01/01
PREDICTED	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OB SERVED	21 APR	160
PREDICTED	22-24 APR	158/155/150
90-DAY MEAN	21 APR	193

V. GEOMAGNETIC ALINDICES

OB SERVED FREDERICKSBURG	20 APR	01
EST IMATED AFR/AP	21 APR	12/15
PREDICTED AFR/AP	22-24 APR	14/16 - 14/16 - 14/14
SOLTERWARN		
BT		