

HFUS 1 BOU 0822 00

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 128

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 08 MAY 1979

IA. SOLAR ACTIVITY WAS LOW TODAY. THE MOST SIGNIFICANT FLARE WAS  
ONLY A IN AT 1848Z FROM REGION 1733 (S15E 62). ALL OTHER FLARES  
WERE SUBFLARES. REGION 1724 (N22E 17) REMAINS MODERATELY COMPLEX,  
SHOWING SLOW GROWTH TODAY. FOUR NEW REGIONS WERE CONFIRMED TODAY,  
1735 (S30W 75), 1736 (N28E 31), 1737 (N28E 71), AND 1738 (S16E 76),  
GIVING A TOTAL OF SEVENTEEN SPOTTED REGIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO BECOME MODERATE. ALTHOUGH NO  
SIGNIFICANT FLARING OCCURRED TODAY, REGION 1724 REMAINS THE  
MOST PROBABLE SOURCE OF M-CLASS X-RAY FLARES.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TODAY. UNSETTLED CONDITIONS  
ARE EXPECTED TO CONTINUE FOR THE NEXT THREE DAYS WITH ACTIVE  
PERIODS EARLY ON THE THIRD DAY.

III. EVENT PROBABILITIES 09 MAY - 11 MAY

CLASS M 65/70/70

CLASS X 05/05/05

PROTON 01/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MAY 184

PREDICTED 09-11 MAY 182/182/181

90-DAY MEAN 08 MAY 187

V. GEOMAGNETIC A INDICES

OBSERVED FRÉDERICKSBURG 07 MAY 09

ESTIMATED AFR/AP 08 MAY 08/11

PREDICTED AFR/AP 09-11 MAY 09/13 - 10/14 - 12/15

SOLTERWARN

BT