

TT  
HFUS 1 BOU 072200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 219  
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 07 AUGUST 1979  
IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. HOWEVER, REGION 1915  
(N14E79), THE RETURN OF OLD 1880, HAS RETURNED TO THE EAST LIMB  
AND PRELIMINARY ANALYSIS WOULD INDICATE THAT IT HAS THE POTENTIAL  
FOR ENERGETIC ACTIVITY. THE WELL DEVELOPED "E" TYPE SPOT GROUP  
IS SURROUNDED BY FAIRLY WELL STRUCTURED FLAGE. MAGNETIC STRUCTURE  
IS STILL QUESTIONABLE BUT THE ORIENTATION OF THE SPOTS SUGGEST  
THAT IT IS MOST CERTAINLY COMPLEX. THE ARRIVAL OF 1915 OVER-  
SHADOWED EVERYTHING ELSE ON THE DISK BUT LITTLE ELSE HAPPENED.  
IB. SOLAR ACTIVITY SHOULD INCREASE AS 1915 ROTATES ONTO THE DISK.  
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. GENERALLY  
UNSETTLED CONDITIONS SHOULD PERSIST FOR THE NEXT 24 HOURS.  
III. EVENT PROBABILITIES 08 AUGUST - 10 AUGUST

CLASS M 90/90/90  
CLASS X 10/15/25  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 07 AUGUST 146  
PREDICTED 08-10 AUGUST 152/156/159  
90-DAY MEAN 07 AUGUST 169

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 06 AUGUST 18  
ESTIMATED AFR/AP 07 AUGUST 10/15  
PREDICTED AFR/AP 08-10 AUGUST 10/10 - 12/16 - 10/10

SOLTERWARN  
BT

*Why was  
1939  
M1 at 1939  
not mentioned?*