

HFUS 1 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 115

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 APRIL 1980

IA. SOLAR ACTIVITY WAS LOW, CONFINED TO CLASS C/SUBFLARE EVENTS  
FOR THE PAST 24 HOURS. THE LEADER SPOT IN REGION 2396 (S13W10)  
HAS GROWN BUT THE WEAK DELTA HAS DISSIPATED TO A BETA GAMMA.  
REGION 2407 (S30W09) HAS ALSO GROWN SLIGHTLY AND CONTAINS A BETA  
GAMMA SPOT GROUP. A SMALL SIMPLE REGION, 2309 HAS ROTATED ONTO  
THE DISK AND IS NOW AT S08E68.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW FOR THE FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO RE-  
MAIN QUIET TO UNSETTLED FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 25-27 APR

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 APR 184

PREDICTED 25-27 APR 185/184/183

90-DAY MEAN 24 APR 194

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 23 APR 07

ESTIMATED AFR/AP 24 APR 06/08

PREDICTED AFR/AP 25-27 APR 07/08 08/10 08/12

SOLTERWARN

BT