

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 074

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 MARCH 1980

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. REGION  
2316 (S11W88) HAS SHOWN THE MOST ACTIVITY TODAY WITH SEVEN SUB-  
FLARES OBSERVED BETWEEN 0000Z AND 1400Z, BUT NONE FROM THIS  
REGION SINCE THEN. THE LARGEST OF THESE WAS A C2/SN AT 0020Z  
MAXIMUM. REGION 2326 (S12E06), A SIMPLE B-TYPE SPOT GROUP  
PRODUCED A SUBFAINT FLARE OBSERVED AT 0332Z MAXIMUM. REGION  
2324 (S17W17) HAS STABILIZED IN ITS GROWTH SHOWN YESTERDAY AND  
HAS ONLY PRODUCED ONE SUBFLARE. NO NEW REGIONS WERE NUMBERED  
TODAY; HOWEVER, REGION 2330 HAS REAPPEARED AS A B-TYPE SPOT  
GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THROUGH THE FORE-  
CAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PERIOD.  
ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY TO LOW UNSETTLED  
CONDITIONS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 15 MARCH - 17 MARCH

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MARCH 143

PREDICTED 15 - 17 MARCH 142/144/147

90-DAY MEAN 14 MARCH 195

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MARCH 06

ESTIMATED AFR/AP 14 MARCH 05/07

PREDICTED AFR/AP 15 - 17 MARCH 08/10 07/08 10/12

SOLTERWARN

BT