

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 130

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 09 MAY 1980

IA. SOLAR ACTIVITY HAS BEEN LOW TO MODERATE DURING THE PAST 24 HOURS.  
REGION 2418 (S20W45) PRODUCED A M7/1B FLARE AT 0711 UT WITH  
AN ASSOCIATED 10CM RADIO BURST OF 210 FLUX UNITS. THE REGION IS  
STABLE BUT STILL CONTAINS A DELTA CONFIGURATION IN THE SPOT GROUP.  
REGION 2438 (S17E47) PRODUCED ONLY A C2/SN FLARE BUT THE SPOT GROUP  
HAS GROWN AND THE FLARE IS THE BRIGHTEST ON THE DISK. REGION 2445  
(S22E67), OBSERVED ON THE SE LIMB YESTERDAY, CONTAINS A D TYPE  
BETA SPOT GROUP IN A SMALL FLARE. A SLOW C6/1N FLARE BEGAN AT  
2013 UT AND REACHED MAXIMUM AT 2103 UT IN REGION 2433 (S31E27).  
THE FLARE IN THIS AREA IS OLD AND WEAK.

IB. REGIONS 2418 AND 2437 APPEAR CAPABLE OF PRODUCING CLASS M EVENTS  
IN THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS.  
IT IS EXPECTED TO REMAIN UNSETTLED FOR THE DURATION OF THE FORE-  
CAST PERIOD.

III. EVENT PROBABILITIES 10 MAY - 12 MAY

CLASS M 60/60/60

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

SHOULD HAVE BEEN CAUGHT  
ON PROOF READING

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAY 190

PREDICTED 10 MAY - 12 MAY 187/185/182

90-DAY MEAN 09 MAY 190

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAY 10

ESTIMATED AFR/AP 09 MAY 10/14

PREDICTED AFR/AP 10 MAY - 12 MAY 10/14 10/20 15/14

SOLTERWARN

BT

HFUS 1 BOU 09 2200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SOF NUMBER 130

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CORRECTION

PART IB. REGIONS 2418 AND 2438 APPEAR CAPABLE OF PRODUCING CLASS  
M EVENTS IN THE NEXT THREE DAYS.

SOLTERWARN

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