

HEUS : BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 255

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 SEPTEMBER 1980

IA. SOLAR ACTIVITY HAS REMAINED MODERATELY LOW. REGION 2665 (N13E31)  
HAS GROWN IN SPOT AREA BUT APPEARS TO BE SIMPLIFYING MAGNETICALLY.  
IT PRODUCED TWO FLARES WITH ASSOCIATED WEAK RADIO BURSTS. A M1/1B  
AT 10/2201 UT AND A C4/SB AT 11/0151 UT. REGION 2666 (S14W56) HAS  
GROWN RAPIDLY TO A D TYPE SPOT GROUP IN A BRIGHT FLARE BUT HAS  
NOT PRODUCED ANY FLARES. REGION 2672 (S11E52) IS A LARGE REGION  
AND MAY BE SEPERATED INTO TWO GROUPS AS IT ROTATES FURTHER ONTO THE  
DISK. IT APPEARS INACTIVE. NEW REGION 2674 (S10E31) HAS DEVELOPED  
ON THE DISK TO A SMALL C TYPE SPOT GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH SMALL CLASS M  
EVENTS POSSIBLE FROM REGION 2665.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS. THE FIELD  
IS EXPECTED TO BE UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 12 SEPTEMBER - 14 SEPTEMBER

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 SEPT 186

PREDICTED 12 - 15 SEPT 192/194/196

90-DAY MEAN 11 SEPT 187

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 10 SEPT 04

ESTIMATED AFR/AP 11 SEPT 06/09

PREDICTED AFR/AP 12 - 14 SEPT 12/12 10/12 10/15

SOLTERWARN

BT