

HFUS 1 BOU 073200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 251

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0200Z 07 SEPTEMBER 1980

IA. SOLAR ACTIVITY HAS REMAINED LOW WITH ONLY LOW LEVEL CLASS C  
X-RAY BURSTS HAVING OCCURRED. SOME LIMB ACTIVITY HAS OCCURRED  
WITH THE LIMB TRANSIT OF REGION 2665 (N12E82). REGIONS 2645  
(S07W70), 2646 (N11W66), 2655 (N22W37), AND 2657 (N14E04) HAVE  
SOME MINOR NEUTRAL LINE COMPLEXITY WITH REGIONS 2655 AND 2657  
HAVING THE STRONGEST GRADIENTS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A SLIGHT  
CHANCE FOR A CLASS M EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO  
REMAIN UNSETTLED THROUGH THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 08 SEPTEMBER - 10 SEPTEMBER

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 SEPTEMBER 210

PREDICTED 08-10 SEPTEMBER 206/202/200

90-DAY MEAN 07 SEPTEMBER 186

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 SEPTEMBER 09

ESTIMATED AFR/AP 07 SEPTEMBER 08/10

PREDICTED AFR/AP 08-10 SEPTEMBER 08/10 - 08/10 - 07/10

SOLTERWARN

BT