

HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 250

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED: 2200Z 06 SEPTEMBER 1980

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY FOUR SMALL CLASS-C EVENTS
HAVE OCCURRED THIS DAY. REGION 2645 (S06W56) AND REGION 2646
(N12W53) HAVE BOTH DECAYED AND SIMPLIFIED. NUMEROUS NEW SPOTS
HAVE EMERGED IN REGION 2655 (N22W26) AND FURTHER GROWTH APPEARS
LIKELY. THIS REGION IS STILL A SMALL CLASS-D GROUP. MINOR
EVOLUTION HAS OCCURRED IN REGION 2657 (N13E15) WHERE FLARE IS
BRIGHT AND COMPACT. SMALL NEW REGIONS HAVE APPEARED AT S23E63
(2663) AND N05E71 (2664).

IB. SOLAR INDICES ARE EXPECTED TO CONTINUE DECLINING AS DECAY
WITHIN SOLAR REGIONS PREDOMINATES OVER GROWTH. NO SIGNIFICANT
ACTIVITY HAS APPEARED AT EAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET EXCEPT FOR A SLIGHTLY
UNSETTLED PERIOD 1300Z-1800Z TODAY. SIMILAR CONDITIONS ARE
EXPECTED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 07 SEPTEMBER - 09 SEPTEMBER

CLASS M 30/30/20

CLASS X 05/05/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 SEPTEMBER 208

PREDICTED 07-09 SEPTEMBER 200/194/188

90-DAY MEAN 06 SEPTEMBER 186

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 SEPTEMBER 09

ESTIMATED AFR/AP 06 SEPTEMBER 08/09

PREDICTED AFR/AP 07/09 SEPTEMBER 08/10 - 10/10 - 08/10

SOLTERWARN

BT