

HFUS 1 BOUL 142200

FEDERAL SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER: 258

JOINT USAF/NASA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0200Z 14 SEPT 1980

I A. SOLAR ACTIVITY WAS LOW DURING THE PAST 24 HOURS. REGION 2665
(N14W11) IS THE ONLY REGION THAT APPEARS TO HAVE ANY POTENTIAL
FOR SIGNIFICANT ACTIVITY. REGION 2665 IS LARGE IN SPOT AREA,
MODERATELY BRIGHT IN H-ALPHA AND IS A BETA-GAMMA MAGNETICALLY.
ALL OTHER REGIONS ARE OF LESSER MAGNITUDE AND SCOPE ALTHOUGH
REGION 2675 (S12E28) IS GROWING IN SPOT AREA AND IS LIKELY TO
BECOME MORE COMPLEX. FOUR SMALL NEW REGIONS WERE NUMBERED TODAY:
2678 (N17E23), 2679 (N23E29) AND 2680 (N24E39).

I B. SOLAR ACTIVITY SHOULD REMAIN LOW FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED. LITTLE OR
NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 15 - 17 SEPT

CLASS M 030/30/30

CLASS X 001/01/01

PREDICTED 01/01/01

PCAF 0 GREEN

IV. OTTAWA 10.7 CM FLUX

OB SERVED 14 SEPT

161

PREDICTED 15 - 17 SEPT

158/15.7/155

90-DAY MEAN 14 SEPT

186

V. GEOMAGNETIC INDICES

OB SERVED FREDERICKSBURG 13 SEPT

17

ESTIMATED AFR/APR 14 SEPT

08/08

PREDICTED AFR/APR 15 - 17 SEPT

12/15 12/12 08/12

SOLTERWARN

BT