

HFMIS 13011-122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
DE NUMBER 256

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 SEPTEMBER 1980

IA. SOLAR ACTIVITY WAS LOW TODAY. THE LARGEST EVENT WAS C9 AT .015 RJ WITH NO OPTICAL REPORT. A C8/SB OCCURRED IN REGION 2665 (N13E18) AT .054 RJ. THIS REGION HAS BEEN ERUPTIVE AND HAS ELONGATED. REGION 2672 (S10E42) HAS BEEN DIVIDED INTO TWO REGIONS, 2672 AND 2675 (S13E42). REGION 2667 (N07W36) RECOVERED SPOTS, MAKING A B-TYPE GROUP. TWO NEW REGIONS WERE FORMED TODAY 2675 AND 2676 (S06E06). IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW FOR ONE OR TWO MORE DAYS, THEN BECOMING MODERATE DUE TO GROWTH IN REGION 2665. THIS IS CURRENTLY THE MOST ACTIVE REGION AND IS SHOWING A SLOW TREND TOWARD INCREASING ACTIVITY.

III. THE GEOMAGNETIC FIELD WAS ACTIVE TODAY, PROBABLY DUE TO A DISAPPEARING FILAMENT ON 9 SEP. THE FIELD IS EXPECTED TO BECOME UNSETTLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 130-15 SEP

CLASS M 35 / 40 / 50

CLASS: X 01/01/01

PR OT ON 01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

SERIALIZED . . . 12 SEP

PREDICTED 13 - 15 SEP.

90-DAY MEAN (12 SEP.) 187

V. GEOMAGNETIC ALINDICES

OB SERVED. FREDERICKSBURG.

ESTIMATED AFR/AP

PREDICTED /A FR/AP 13 -

SOLTFERWARM

RT