

HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 255

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 11 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 4576 (S05E02) IS NOW SPOTLESS. A NEW REGION, 4577 (N16W00), HAS EMERGED NORTH OF REGION 4576 BUT MAY ALREADY BE DECAYING. NO OTHER SPOT GROUPS HAVE BEEN REPORTED TODAY. THE LARGE FILAMENTS CENTERED NEAR S15W25 AND S25E30 HAVE BEEN REPORTED ACTIVE, BUT REMAIN VISIBLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL THROUGH THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD WAS AT ACTIVE TO UNSETTLED LEVELS FOR MOST OF THE PERIOD. THIS ACTIVITY APPEARS TO BE CORONAL HOLE RELATED. THE ICE SPACECRAFT IS MEASURING HIGH VELOCITY AND LOW DENSITY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED. BRIEF ACTIVE PERIODS ARE POSSIBLE EARLY IN THE FORECAST PERIOD.

III. EVENT PROBABILITIES 12 SEP-14 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 SEP 077

PREDICTED 12 SEP-14 SEP 076/075/075

90 DAY MEAN 11 SEP 089

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 SEP 020/030

ESTIMATED AFR/AP 11 SEP 019/020

PREDICTED AFR/AP 12 SEP-14 SEP 015/020-012/015-010/010

SOLTERWARN

BT