

HEUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
SDF NUMBER 126

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 MAY 1979

IA. SOLAR ACTIVITY HAS BEEN LOW. THERE WERE ONLY SUBFLARES TODAY FROM REGIONS 1720 (N12W48), 1724 (N21E42), AND 1727 (N25E32). REGION 1724 HAS THE GREATEST POTENTIAL FOR SIGNIFICANT FLARING DUE TO INCREASED MAGNETIC COMPLEXITY AND GROWTH. REGION 1720 HAS EXPERIENCED SOME DECAY AND COULD COALESCCE WITH REGION 1711 (N15W57). THREE NEW REGIONS WERE OBSERVED TODAY, 1728 (N17E60), 1729 (S22E65), AND 1730 (N04E72).

IB. SOLAR ACTIVITY IS EXPECTED TO BECOME MODERATE DUE TO DEVELOPMENT IN REGION 1724 AND INTERACTION WITHIN THE 1711 - 1720 COMPLEX.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH THE 12-15 Z PERIOD UNSETTLED BY A SUDDEN IMPULSE AT 1335Z. QUIET TO UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 07 MAY - 09 MAY

CLASS M 60/60/60

CLASS X 05/05/05

PROMPT 05/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 MAY 171

PREDICTED 07 MAY - 09 MAY 171/171/171

90-DAY MEAN 06 MAY 188

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG

05 MAY 07

PREDICTED AFR/AP

06 MAY 08/09

PREDICTED AFR/AP

07 MAY - 09 MAY 10/12 08/10 09/12

SOLTERWARN

BT