

HFUS-I BOU 082200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 128

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 MAY 1979

IA. SOLAR ACTIVITY WAS LOW TODAY. THE MOST SIGNIFICANT FLARE WAS
ONLY A .1 IN AT 1848Z FROM REGION 1733 (S15E62). ALL OTHER FLARES
WERE SUBFLARES. REGION 1724 (N22E17) REMAINS MODERATELY COMPLEX,
SHOWING SLOW GROWTH TODAY. FOUR NEW REGIONS WERE CONFIRMED TODAY,
1735 (S30W75), 1736 (N28E31), 1737 (N28E71), AND 1738 (S16E76),
GIVING A TOTAL OF SEVENTEEN SPOTTED REGIONS.

IR. SOLAR ACTIVITY IS EXPECTED TO BECOME MODERATE. ALTHOUGH NO
SIGNIFICANT FLARING OCCURRED TODAY, REGION 1724 REMAINS THE
MOST PROBABLE SOURCE OF M-CLASS X-RAY FLARES.

II. THE GEOMAGNETIC FIELD WAS UNSETLED TODAY. UNSETLED CONDITIONS
ARE EXPECTED TO CONTINUE FOR THE NEXT THREE DAYS WITH ACTIVE
PERIODS EARLY ON THE THIRD DAY.

III. EVENT PROBABILITIES 09 MAY - 11 MAY

CLASS M 65/70/70

CLASS X 05/05/05

PREDICTON 01/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MAY 184

PREDICTED 09-11 MAY 182/182/181

90-DAY MEAN 08 MAY 187

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 07 MAY 00

ESTIMATED AFR/AP 08 MAY 08/11

PREDICTED AFR/AP 09-11 MAY 09/13 - 10/14 - 12/15

SOLTERWARN

BT