

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 160

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 JUNE 1979

IA. SOLAR ACTIVITY WAS MODERATE. REGION 1781 (N12W81) HAD AN M1/SN
FLARE AT 0001 UT AND SEVERAL SUBFLARES. IT IS STILL AN E-TYPE
GROUP, BUT IT IS IN DECAY. REGION 1796 (N17E29) IS THE MOST
IMPRESSIVE GROUP ON THE DISK. IT HAS GROWN TO AN E-TYPE BETA-GAMMA
GROUP. REGION 1788 (S22W25) HAS GROWN TO AN E-TYPE GROUP AND
HAD SOME SUBFLARES. THERE ARE TWO NEW REGIONS: 1798 (N17E16) AN
A-TYPE GROUP, AND 1799 (N05W04) A C-TYPE GROUP. THE REST OF THE
DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE. THE SIGNIFICANT GROWTH
IN 1796 AND 1788 INDICATES THEIR POTENTIAL FOR FLARES, WHILE 1781
MAY GIVE ANOTHER M FLARE IN ITS DECLINE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE TODAY.
CONDITIONS SHOULD BE UNSETTLED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 10 JUNE - 12 JUNE

CLASS M 60/65/70

CLASS X 15/15/15

PROTON 10/10/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JUNE 245

PREDICTED 10-12 JUNE 242/240/237

30-DAY MEAN 09 JUNE 181

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JUNE 15

ESTIMATED AFR/AP 09 JUNE 12/15

PREDICTED AFR/AP 10-12 JUNE 10/12 - 09/10 - 09/10

SOLTERWARN

BT