

HFUS-1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 166

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 15 JUNE 1979

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. ONLY A FEW SMALL C-CLASS SURFLARES HAVE BEEN OBSERVED DURING THAT TIME. REGIONS 1796 (N17W48) AND 1797 (S18W40) HAVE BEEN VERY QUIET BUT STILL RETAIN THE BEST OVERALL ENERGETIC FLARE POTENTIAL OF ANY DISK REGIONS. REGIONS 1807 (N23E23) AND 1811 (N15E53) HAVE BOTH SHOWN SLIGHT GROWTH AND CONTAIN ARCH/FILAMENT SYSTEMS BUT HAVE NOT YET REACHED THREATENING PROPORTIONS. NO DYNAMIC OLD REGIONS ARE SCHEDULED TO RETURN AT THE EAST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW FOR THE NEXT 72 HOURS. ENERGETIC BEHAVIOR IS POSSIBLE BUT NOT LIKELY FROM REGIONS 1796 AND 1797.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETLED DURING THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BECOME UNSETLED TO MILDLY ACTIVE DURING THE NEXT 24 HOURS. ACTIVE TO MINOR STORM CONDITIONS ARE NOW ANTICIPATED TO BEGIN ON 19 JUNE.

III. EVENT PROBABILITIES 16 JUNE - 18 JUNE 1979

CLASS M 25/25/20

CLASS X 05/05/05

PREDICTED 25/05/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUNE 171

PREDICTED 16 JUNE - 18 JUNE 165/161/157

90-DAY MEAN 15 JUNE 181

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 14 JUNE 07

ESTIMATED AFR/AP 15 JUNE 08/11

PREDICTED AFR/AP 16 JUNE - 18 JUNE 17/20 14/18 12/15

SOLTERWARN

BT