

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 165

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 JUNE 1979

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. ONLY
SUBFLARES WERE OBSERVED, CONTRIBUTED PRIMARILY BY REGIONS 1796
(N17W36) AND 1797 (S17W27). ALTHOUGH REGION 1797 STILL HAS A
BETA-GAMMA MAGNETIC CONFIGURATION, IT HAS SIMPLIFIED SLIGHTLY.
ALSO, THE EXPECTED INTERACTION BETWEEN 1797 AND 1804 (S12W26) HAS
NOT YET OCCURRED. SIX SPOTTED REGIONS WERE LOST TODAY AND ONLY ONE
GAINED, 1811 (N15E67), A B TYPE GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW, WITH 1796 AND 1797
POSSESSING THE GREATEST POTENTIAL FOR SIGNIFICANT FLARING.
REGION 1797, ALTHOUGH SIMPLIFIED, IS STILL A BETA-GAMMA, AND STILL
HAS THE POTENTIAL TO INTERACT WITH 1804.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TODAY. THIS CONDITION
IS EXPECTED TO PERSIST FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 15 JUNE-17 JUNE

CLASS M 50/40/35

CLASS X 10/10/08

PROTON 05/05/04

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JUNE 177

PREDICTED 15 JUNE - 17 JUNE 168/161/157

90-DAY MEAN 14 JUNE 181

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JUNE 06

ESTIMATED AFR/AP 14 JUNE 10/11

PREDICTED AFR/AP 15 JUNE - 17 JUNE 12/15 15/25 11/20

SOLTERWARN

BT