

HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 218

JOINT USAF/NASA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 05 AUGUST 1980

IA. SOLAR ACTIVITY REMAINS LOW. MAUNA LOA REPORTED (THROUGH SMM) A CORONAL TRANSIENT TO TWO SOLAR RADII ASSOCIATED WITH THE DISRUPTION OF A PROMINENCE AT NE22. A SLOW X-RAY RISE BEGAN AT 1905Z AND REACHED A CI MAX AT 2015Z. REGIONS 2606 (S29E65) AND 2607 (N17E72) ROTATED ON TO THE DISK BUT ARE SIMPLE AND DIM IN PLAGE STRUCTURE. HOLLOWAY REPORTS A REGION, WITH AN ARCH FILAMENT SYSTEM, CURRENTLY EMERGING NEAR N18E40.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD IS EXPECTED TO BE QUIET TO UNSETLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 06 AUGUST - 08 AUGUST

CLASS M : 01/01/01

CLASS X : 01/01/01

PROMOTION : 01/01/01

PCAF : GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED : 05 AUGUST 129

PREDICTED : 06-08 AUGUST 131/134/138

90-DAY MEAN : 05 AUGUST 197

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG : 04 AUGUST 10

ESTIMATED AFR/AP : 05 AUGUST 05/07

PREDICTED AFR/AP : 06-08 AUGUST 08/08 - 10/10 - 08/08

SOLTERWARN

BT