

HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 218

JOINT USAF/NOAA 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 C1 MAX AT 2015Z. REGIONS 2606 (S29E65) AND
2607 (N17E72) ROTATED ON TO THE DISK BUT ARE SIMPLE AND DIM IN
FLARE STRUCTURE. HOLLOMAN 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 UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 06 AUGUST - 08 AUGUST

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 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 A 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