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KBOU

HFUS 1 BOUL 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO.

SDF NUMBER 221

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 03 AUGUST 1980

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. TWO SMALL  
C1 XRAY EVENTS WERE REPORTED AT 0105 AND 2040 UT BUT NO OPTICAL  
FLARES HAVE BEEN OBSERVED. NO SIGNIFICANT CHANGES HAVE BEEN RE-  
PORTED IN ANY REGION AND NO NEW REGIONS NUMBERED. NO SPOTS ARE  
VISIBLE IN REGION 2611 (S20E70) WHICH PRODUCED A SB/C9 FLARE  
YESTERDAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL WITH THE  
POSSIBILITY OF INCREASING ACTIVITY FROM RETURNING REGIONS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS. THE  
FIELD IS EXPECTED TO REMAIN QUIET FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 AUGUST - 11 AUGUST

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 AUGUST 142

PREDICTED 09 - 11 AUGUST 146/150/154

90-DAY MEAN 03 AUGUST 196

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 AUGUST 13

ESTIMATED AFR/AP 03 AUGUST 05/09

PREDICTED AFR/AP 09 - 11 AUGUST 08/08 08/08 07/08

SOLIERWARN

BT