

KBOU

HFUS 1 BOU 142000

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 195

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. REGION  
1203 (N15W04) HAS SHOWN LITTLE GROWTH AND HAS ONLY PRODUCED C-  
CLASS XRAY EVENTS. NEW REGION 1212 (S24E45) IS AN A-TYPE  
GROUP AND IS GROWING AND HAS PRODUCED SOME NONENERGETIC  
SUBFLARES. NEW REGION 1213 (S23W05) IS AN A-TYPE GROUP AND NEW  
REGION 1214 (N22W10) IS AN A-TYPE GROUP.

IB. SOLAR ACTIVITY SHOULD BE MODERATE TO HIGH.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS SINCE  
THE SUDDEN COMMENCEMENT AT 13/0330 UT. CONDITIONS SHOULD BE  
ACTIVE TO MINOR STORM LEVEL FOR THE NEXT 24 HOURS, DECREASING TO  
ACTIVE THE FOLLOWING DAY.

III. EVENT PROBABILITIES 15-17 JULY

CLASS M 99/99/99

CLASS X 50/50/50

PROTON 50/50/50

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JULY 154

PREDICTED 15-17 JULY 154/154/156

90-DAY MEAN 14 JULY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JULY 22

ESTIMATED AFR/AP 14 JULY 45/55

PREDICTED AFR/AP 15-17 JULY 23/38-19/25-12/18

SOLTERWARN

BT