

# Boulder FORECAST

KBOU  
HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 172 ISSUED 2200Z 20 JUNE 1972

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL, WITH ONLY TWO REGIONS PRODUCING MINOR ACTIVITY. REGION 248 /S08E11/ IS DECLINING IN AREA BUT HAS AN E-W NEUTRAL LINE WITH SEVERAL BENDS AND APPEARS TO HAVE A ROTATING LEADER. REGION 257 /NE03/ HAS NOT YET ROTATED FULLY ON TO THE VISIBLE DISK BUT APPEARS TO BE RETURNING REGION 210. ASRS, BSLS, APRS, AND EPLS UP TO IMPORTANCE 3 HAVE BEEN OBSERVED FROM THIS REGION. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. THE OVERALL SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW FOR THE NEXT 72 HOURS, ALTHOUGH ENERGETIC ACTIVITY UP TO LARGE CLASS M IS EXPECTED FROM REGIONS 248 AND 257. THE GEOMAGNETIC FIELD WILL BE QUIET TO MILDLY UNSETTLED.

C. EVENT PROBABILITIES FOR THE THREE 24 HOUR PERIODS BEGINNING 21 JUNE/0000Z AND ENDING 23 JUNE/2400Z

CLASS M OR GREATER 70/65/65

CLASS X 15/10/10

PROTON 10/10/10

D. OTTAWA 10.7 CM FLUX FOR 20 JUNE/1700Z WAS 137. PREDICTED 10.7 CM FLUX FOR 21-23 JUNE IS 140/143/143.

E. FREDERICKSBURG A-INDEX FOR 19 JUNE WAS 016. FOR 20 JUNE ABOUT 008. PREDICTED A-FREDERICKSBURG FOR 21-23 JUNE IS 006/006/008.

SOLTERWARN

SPAN2

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