

# BOULDER

## NNNN FORECAST

KBOU

HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

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A. FLARE ACTIVITY HAS INCREASED SIGNIFICANTLY DURING THE PAST 12 HOURS. SMALL CLASS M FLARES OCCURRED NEAR THE DELTA CONFIGURATION IN REGION 222 (S08W72) AT 1235Z, 1436Z, 1633Z AND 1720Z. SEVERAL CLASS C FLARES AND NUMEROUS BRIGHTENINGS HAVE ALSO BEEN OBSERVED IN THIS AREA. REGION 237 (S12E60) HAS PRODUCED A FEW CLASS C FLARES AND RECENT REPORTS INDICATE THAT PLAGE DEVELOPMENT IS TAKING PLACE JUST AHEAD OF ITS LEADER SPOT. MT WILSON CLASSIFIED THIS REGION AS BETA-GAMMA. REGION 240 (S14E69) IS AN ISOLATED H TYPE GROUP. PROTON FLUX IS NEAR BACKGROUND AND THE GEOMAGNETIC FIELD IS QUIET.

B. REGIONS 237 AND 222 ARE EXPECTED TO PRODUCE CLASS M FLARES DURING THE FORECAST PERIOD. CLASS X ACTIVITY IS POSSIBLE FROM LATTER REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 JUN/0000Z ENDING 14 JUN/2400Z

CLASS M OR GREATER 85/75/65

CLASS X 15/10/10

PROTON EVENTS 15/10/10

D. OTTAWA 10.7 CM FLUXES FOR 11/1400Z, 11/1700Z AND 11/2000Z WERE 139, 144 AND 138, RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 12-14 JUN IS 130/135/138.

E. MAGNETIC A-FREDERICKSBURG FOR 10 JUN WAS 04. FOR 11 JUN ABOUT 03. PREDICTED AP FOR 12-14 JUN IS 10/08/08.

SOLTERWARN

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