

BOULDER

NNNN FORECAST

KBOU

HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 163 ISSUED 2200Z 11 JUNE 1972

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

SPAN2

BT