

# BOULDER

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## FORECAST

HXUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 159 ISSUED 2200Z 07 JUNE 1972

A. SOLAR ACTIVITY HAS DROPPED OFF MARKEDLY DURING THE LAST 24 HOURS. ONLY 4 C-CLASS SUBFLARES HAVE OCCURRED DURING THAT PERIOD. REGION 222 (S07W24) APPEARS TO BE PUSHING INTO THE FOLLOWER OF REGION 219 (S06W29) AND COMPRESSING THE FOLLOWER PLAGE. REGION 222 ALSO HARBOURS A RAPIDLY GROWING GROUP OF SPOTS NEAR ITS CENTER WHICH MAY BE OF MIXED POLARITY. OTHER REGIONS ARE NOT PARTICULARLY INTERESTING AT THE MOMENT. THE GEOMAGNETIC FIELD REMAINS QUIET.

B. OCCASIONAL C-CLASS SUBFLARES ARE EXPECTED DURING THE NEXT THREE DAYS WITH AN INCREASING PROBABILITY OF SOME M-CLASS EVENTS, AS REGION 222 EVOLVES. THE GEOMAGNETIC FIELD SHOULD REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08/0000Z ENDING 10/2400Z.

CLASS M OR GREATER 65/75/85

CLASS X 05/10/15

PROTON EVENTS 05/10/15

D. OTTAWA 10.7 CM FLUXES FOR 07/1400Z, 07/1700Z AND 07/2000Z WERE 148, 148 AND 146 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 08-10 JUNE IS 146/148/150.

E. MAGNETIC A-FREDERICKSBURG FOR 06 JUNE WAS 07. FOR 07 JUNE ABOUT 07 PREDICTED AP FOR 08-10 JUNE, 06/08/10.

SOLTERWARN

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