

BOULDER
FORECAST

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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 HARBORS 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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