

BOULDER

NNNN FORECAST
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HXUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 158 ISSUED 2200Z 06 JUNE 1972

A. SOLAR ACTIVITY HAS BEEN MODERATE.

THE MOST ENERGETIC ACTIVITY WAS AT 06/1500Z AND CAME FROM REGION 210 JUST BEYOND THE WEST LIMB AT N09. MOST OPTICAL OBSERVATORIES CALLED A SMALL FLARE WITH BRIGHT LOOP PROMINENCES. THE X-RAY EVENT WAS A SHORT IMPULSIVE ONE REACHING CLASS M8. REGION 222 (S07E09) HAS SIMPLIFIED EXCEPT FOR SMALL BIPOLAR FLUX THAT HAS EMERGED ON THE EQUATORIAL SIDE OF THE REGION. REGION 217 HAS A SLIGHTLY MORE COMPLEX STRUCTURE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. OCCASIONAL CLASS M FLARES AT A DECLINING RATE ARE EXPECTED. THE GEOMAGNETIC FIELD WILL PROBABLY BE QUIET TO SOMEWHAT UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07/0000Z ENDING 09/2400Z.

CLASS M OR GREATER 75/75/75

CLASS X 10/10/10

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUXES FOR 06/1400Z, 06/1700Z AND 06/2000Z WERE 156, 155 AND 151 RESPECTIVELY.

PREDICTED 10.7CM FLUX FOR 07-09 IS 154/153/152.

E. MAGNETIC A-FREDERICKSBURG FOR 05 WAS 14. FOR 06 ABOUT 04 PREDICTED AP FOR 07-09, 10/09/09.

SOLIERWARN

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