

NNNNSM

KMSC

HAUS BOU 060400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 679A ISSUED 0400Z 06 JULY 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS BEEN LOW. ONLY A FEW CLASS C SUBFLARES HAVE BEEN OBSERVED. MOST ALL THE REGIONS ON THE DISK ARE STABLE. THE REGION S08W25 IS SHOWING DECAY IN MAIN SPOT AREA. THE REGION S02W40 IS THE BRIGHTEST ON THE DISK. THE GEOMAGNETIC FIELD IS RELATIVELY QUIET.

B. CLASS C FLARES CAN BE EXPECTED. MAJOR FLARES ARE NOT PROBABLE DURING THE NEXT 13 HOURS. THE GEOMAGNETIC FIELD MAY SHOW PERIODS OF SLIGHT DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 JULY/0400Z ENDING 09 JULY/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 05/1700Z AND 05/2000Z WERE 185 AND 187 RESPECTIVELY.

SOLTERWARN

SPAN

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KMSC
HAUS BOU 061729Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 679B ISSUED 1700Z 06 JULY 1970

INFREQUENT CLASS M FLARES ARE EXPECTED IN THE NEXT 11 HOURS.

A. NUMEROUS SMALL FLARES HAVE OCCURRED TODAY, THE MAJORITY OF THEM IN THE S08E06 REGION. THIS REGION HAS A POSSIBLE WEAK DELTA CONFIGURATION IN THE LEADER WHERE PLAGE ENHANCEMENT, ARCH FILAMENTS AND SPOT GROWTH ARE EVIDENT. A 1N FLARE WAS OBSERVED AT 06/1303Z LOCATION S07W31. THIS FLARE WAS A BORDERLINE CLASS M EVENT WITH NO SIGNIFICANT GEOPHYSICAL EFFECTS. THE S07W33 REGION HAS SHOWN LITTLE STRUCTURAL CHANGE, BUT HAS INCREASED 400 DEGREES K SINCE YESTERDAY BASED ON THE 8.6 MM RADIO MAP. OTHER REGIONS ON THE DISK APPEAR STABLE ALTHOUGH MANY HAVE BRIGHT PLAGE AND ARE CAPABLE OF PRODUCING SMALL FLARES. THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED.

B. THE S07W33 AND S08E06 REGIONS ARE CAPABLE OF PRODUCING OCCASIONAL ENERGETIC X-RAY FLARES. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN SLIGHTLY DISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 JULY/1700Z ENDING 09 JULY/1700Z.

CLASS M OR GREATER 75/75/75

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 06/1700Z WAS 130. PREDICTED 10.7 CM FLUX FOR 07-09 JULY IS 179/175/170.

E. MAGNETIC A-FREDERICKSBURG FOR 06 JULY WAS 19. FOR 07 JULY ABOUT 22 PREDICTED AP FOR 07-09 JULY, 20/16/12.

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