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KMSC

HAUS BOU 280400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 671A ISSUED 0400Z 28 JUNE 1970

CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE IS PROBABLE DURING THE NEXT 13 HOURS.

A. ONLY ONE CLASS M FLARE WAS OBSERVED DURING THE PAST ZULU DAY 27/1658Z A SUB BRIGHT IN REGION N23E52. THE REGION NOW AT N22E39 REMAINS THE MOST IMPRESSIVE AND BOD AS IT CONTINUES ITS GROWTH AND DEVELOPMENT. THE REGION N22E39 CONTAINS A WEAK DELTA CONFIGURATION. THE GEOMAGNETIC DISTURBANCE WHICH STARTED WITH SUDDEN COMMENCEMENT 27/0606Z ENDED 27/2000Z. THE GEOMAGNETIC FIELD IS NOW QUIET.

B. CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED FROM N22E39 AND N09W23. THE OTHER REGIONS ON THE DISK APPEAR STABLE. THE GEOMAGNETIC FIELD WILL SHOW PERIODS OF DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 JUNE/0400Z ENDING 1 JULY/0400Z

CLASS M OR GREATER 60/60/60

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 27/1700Z AND 27/2000Z WERE 155 AND 154 RESPECTIVELY.

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KMSC

HAUS BOU 281700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 671B ISSUED 1700Z 28 JUNE 1970

INFREQUENT CLASS M EVENTS ARE EXPECTED DURING THE NEXT 11 HOURS.

A. THE REGION NEAR N22E30 REMAINS THE MOST SIGNIFICANT DISK FEATURE. SO FAR THIS UT DAY IT HAS PRODUCED AN IMP ONE BRIGHT CLASS M EVENT AT 28/0108Z AND SEVERAL CLASS C SUBFLARES. THE ASSOCIATED SPOT GROUP, WHICH IS CURRENTLY CLASS/AREA E/300, IS MAGNETICALLY COMPLEX AND NOW APPARENTLY CONTAINS DELTA CONFIGURATIONS IN ITS LEADING AND MIDDLE SECTIONS. OTHER DISK FEATURES ARE UNIMPRESSIVE. MINOR LIMB ACTIVITY IS OCCURRING ON THE EAST LIMB NEAR N10. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M EVENTS ARE EXPECTED FROM THE N22E30 REGION DURING THE NEXT 72 HOURS. CLASS X EVENTS WILL BECOME LIKELY IF THE REGION CONTINUES TO EVOLVE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 JUNE/1700Z ENDING 01 JULY/1700Z.

CLASS M OR GREATER 65/70/70

CLASS X 05/10/10

PROTON EVENTS 02/05/05

D. OTTAWA 10.7 CM FLUX FOR 28/1400Z WAS 152. PREDICTED 10.7 CM FLUX FOR 29 JUNE - 01 JULY IS 158/162/164.

E. MAGNETIC A-FREDERICKSBURG FOR 27 JUNE WAS 29. FOR 28 JUNE ABOUT 08 PREDICTED AP FOR 29 JUNE TO 01 JULY, 10/08/08.

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