

NNNNUU0405

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KMSC

HAUS BOU 280400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 701A ISSUED 0400Z 28 JULY 1970

AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED DURING THE NEXT 13 HOURS.

A. THE REGION S09E45 IS NOW THE BRIGHTEST REGION ON THE DISK. THE REGIONS N13W44 AND N05E20 HAVE BOTH PRODUCED NUMEROUS SUBFLARES DURING THE PAST 11 HOURS. NONE OF THE MANY REGIONS ON THE DISK HAVE SHOWN MUCH GROWTH OR DEVELOPEMENT DURING THE PAST 11 HOURS. DELTA CONFIGURATIONS ARE PRESENT IN REGION N08W52 AND REGION N13W44. THE GEOMAGNETIC FIELD CONTINUES TO SHOW PERIODS OF DISTURBANCE.

B. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED FROM S09E45, N13W44, N05E20 AND N08W52. THE GEOMAGNETIC FIELD WILL BEGAN TO SHOW GREATER DISTURBANCE DURING THIS ZULU DAY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 JULY/0400Z ENDING 31 JULY/0400Z.

CLASS M OR GREATER 80/80/80

CLASS X 25/20/20

PROTON EVENTS 25/20/20

D. OTTAWA 10.7 CM FLUXES FOR 27/1700Z AND 27/2000Z WERE BOTH 180.

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NNNNUU1706

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HAUS BOU 281700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 701B ISSUED 1700Z 28 JULY 1970

INFREQUENT CLASS M FLARES EXPECTED IN THE NEXT 24 HOURS.

A. CLASS C ACTIVITY HAS BEEN OBSERVED FROM SEVERAL DISC REGIONS--N13W52, N05E10, AND S08E37. THE N08W60 REGION APPEARS FURTHER SIMPLIFIED ALTHOUGH THE TRAILER PRODUCED A IN FLARE AT 1527Z. THE NEUTRAL LINE IN THE N05E07 REGION RUNS WSW TO ENE LYING FAIRLY CLOSE TO THE TRAILER WHERE BRIGHT PLAGE AND ABSORPTION FEATURES ARE PRESENT. THE S08E37, N06E10 AND N23W07 HAVE EXPERIENCED MINOR GROWTH. THE GEOMAGNETIC IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO INCLUDE NUMEROUS CLASS C AND ONE OR LESS M FLARES PER DAY IN THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED AND EXPERIENCE A DISTURBANCE IN 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 JULY /1700Z ENDING 31 JULY /1700Z.

CLASS M OR GREATER 75/80/30

CLASS X 10/15/15

PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX FOR 28/1400Z WAS 177.

PREDICTED 10.7 CM FLUX FOR 29-31 JULY IS 181/183/183.

E. MAGNETIC A-FREDERICKSBURG FOR 27 JULY WAS 12. FOR 28 JULY ABOUT 08 PREDICTED AP FOR 29-31 JULY, 12/20/15.

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