

NNNN
KMSC

HAUS BOU 190400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 754A ISSUED 0400Z 19 SEPTEMBER 1970

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

A. SOLAR ACTIVITY HAS BEEN QUITE LOW DURING THE PAST 11 HOURS WITH ONLY A FEW NON-ENERGETIC SUBLFLARES BEING OBSERVED. MOST OF THE ACTIVITY HAS BEEN FROM REGION N20E41. THIS REGION HAS CONTINUED TO GROW AND DEVELOP WITH MOST OF THE GROWTH BETWEEN THE LEADER AND THE FOLLOWER PORTIONS. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C FLARES WILL CONTINUE AT PRESENT RATE AND WITH THE GROWTH IN REGION N20E41 CLASS M FLARES ARE PROBABLE. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 SEPT/0400Z ENDING 22 SEPT/0400Z.

CLASS M OR GREATER 35/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 18/1700Z AND 18/2000Z WERE 120 AND 121 RESPECTIVELY.

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HAUS BOU 191700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 754B ISSUED 1700Z 19 SEP 1970

ONLY SPORADIC CLASS-C FLARES ARE LIKELY DURING THE NEXT
11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED LOW DURING THE PAST 13
HOURS; ONLY A FEW CLASS-C SUBFLARES AND SURGES HAVE BEEN
REPORTED. THE REGION AT N20E32 HAS INCREASED IN PENUMBRAL
AREA, AND SOME DEVELOPMENT HAS OCCURRED IN THE N13W55
REGION. ALL DISK REGIONS PRESENTLY ARE MAGNETICALLY
SIMPLE. SURGE AND PROMINENCE ACTIVITY NEAR NE26, NE16,
NE10, SE16, AND SE26 SUGGEST THE EXISTENCE OF ACTIVE
REGIONS BEHIND THE EAST LIMB, ALTHOUGH NO PLAGE IS VISIBLE
YET. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY
QUIET EXCEPT FOR PERIODS OF DISTURBANCE DURING THE PERIOD
19/0500-1000Z.

B. CLASS-C FLARES AND ONE OR TWO SMALL CLASS-M FLARES ARE
ANTICIPATED DURING THE THREE-DAY FORECAST PERIOD; THE
N20E32 AND N13W55 REGIONS ARE THE MOST LIKELY CENTERS FOR
FLARE PRODUCTION. ONE OR TWO SMALL ACTIVE REGIONS ARE
EXPECTED TO CROSS THE EAST LIMB DURING THE FORECAST PERIOD.
THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET DURING
THE NEXT 24 HOURS EXCEPT FOR PERIODS OF MINOR DISTURBANCE
20/0300-0900Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 19 SEP/1700Z ENDING 22 SEP/1700Z.

CLASS M OR GREATER 35/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 19/1400Z WAS 133. PREDICTED
10.7 CM FLUX FOR 20-22 SEP IS 136/138/140.

E. MAGNETIC A-FREDERICKSBURG FOR 18 SEP WAS 10. FOR 19 SEP
ABOUT 12. PREDICTED AP FOR 20-22 SEP, 09/08/08.

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