

NNNNUU0400

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KMSC

HAUS BOU 180400

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 753A ISSUED 0400Z 18 SEPT 1970

ONLY INFREQUENT NON-ENERGETIC FLARES ARE EXPECTED DURING THE
NEXT 13 HOURS.

A. THE NUMBER OF FLARES FOR THE PAST 24-HOUR PERIOD TOTALS LESS
THAN 10 CLASS C EVENTS. FOUR NEW PORE-LIKE REGIONS HAVE FORMED
SINCE YESTERDAY, HOWEVER, NO ONE GROUP IS EXHIBITING ANYTHING
NEAR EXPLOSIVE MORPHOLOGY. THE BRIGHTEST PLAGE ON THE DISK IS
ASSOCIATED WITH A SMALL BIPOLAR FEATURE NEAR N20E53. THIS
2-DAY OLD GROUP APPEARS TO BE THE MOST PROMISING ACTIVITY SOURCE.
GEOMANGETIC CONDITIONS ARE QUIESCENT AS WELL.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 18 SEPT/0400Z ENDING 21 SEPT/0400Z.

CLASS M OR GREATER 20/30/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 17/1700 AND 2000Z WERE BOTH 116.

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HAUS BOU 181700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 753B ISSUED 1700Z 18 SEP 1970

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

A. ONLY A FEW CLASS-C SUBFLARES HAVE BEEN REPORTED DURING THE PAST 13 HOURS, DESPITE CONTINUED DEVELOPMENT AT THE N20E46 SITE. MORE INTERMEDIATE SPOTS HAVE FORMED IN THIS NORTHEASTERN REGION, AND THE PLAGE HAS A SOMEWHAT MORE DYNAMIC APPEARANCE. A NEW B-TYPE REGION IS EMERGING AT S15W30, BUT NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED THERE YET. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 24 HOURS EXCEPT FOR PERIODS OF MINOR DISTURBANCE AT 18/0330-0430Z AND 18/0700-0830Z.

B. A LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO PERSIST THROUGH THE 72-HOUR FORECAST PERIOD, ALTHOUGH THE PROBABILITY OF CLASS-M FLARES IS INCREASING SLOWLY AS DEVELOPMENT OF THE N20E46 REGION PROCEEDS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY QUIET EXCEPT FOR PERIODS OF SLIGHT DISTURBANCE 19/0300-0900Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 SEP/1700Z ENDING 21 SEP/1700Z.

CLASS M OR GREATER 30/35/40

CLASS X 01/01/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 18/1400Z WAS 120. PREDICTED 10.7 CM FLUX FOR 19-21 SEP IS 123/125/127.

E. MAGNETIC A-FREDERICKSBURG FOR 17 SEP WAS 10. FOR 18 SEP ABOUT 09. PREDICTED AP FOR 19-21 SEP, 09/08/08.

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