

NNNN0354

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KMSC

HAUS BOU 140400

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 749A ISSUED 0400Z 14 SEPTEMBER 1970

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

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE MAJORITY OF ACTIVITY HAS BEEN FROM REGION S18E40. ALL THE REGIONS ON THE DISK ARE QUIET AND INACTIVE. THE GEOMAGNETIC FIELD HAS HAD PERIODS OF DISTURBED CONDITIONS.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL. PERIODS OF DISTURBANCE WILL CONTINUE IN THE GEOMAGNETIC FIELD DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 SEPT/0400Z ENDING 17 SEPT/0400Z

CLASS M OR GREATER 15/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 13/1700Z AND 13/2000Z WERE 119 AND 120 RESPECTIVELY.

SOLTERWARN

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KMSC

HAUS BOU 141700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 749B ISSUED 1700Z 14 SEP 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS

A. THREE SUB FAINT FLARES AND ONE SUB NORMAL FLARE HAVE OCCURRED IN THE PAST 13 HOURS. NO CHANGES OBSERVED IN THE DISK FEATURES. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED WITH A K-INDEX REGISTERING 5 FOR THE PERIOD 14/0900-1200Z.

B. SOLAR ACTIVITY EXPECTED TO REMAIN LOW AND NON-ENERGETIC. THE GEOMAGNETIC FIELD IS EXPECTED TO EXPERIENCE ADDITIONAL PERIODS OF UNSETTLED CONDITIONS THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 SEP/1700Z ENDING 17 SEP/1700Z.

CLASS M OR GREATER 15/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 14/1400Z WAS 121. PREDICTED 10.7CM FLUX FOR 15/17 SEP IS 120/120/120.

E. MAGNETIC A-FREDERICKSBURG FOR 13 SEP WAS 20. FOR 14 SEP ABOUT 15. PREDICTED AP FOR 15-17 SEP 12/08/06.

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