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KMSC

HAUS BOU 250400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 729A ISSUED 0400Z 25 AUGUST 1970

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

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONLY A FEW SUBFLARES HAVE BEEN OBSERVED AND THESE HAVE BEEN FROM SEVERAL REGIONS. THE VISIBLE DISK FEATURES ARE ALL STABLE AND QUIET. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL FOR THE NEXT 72 HOURS. NO RETURNING REGIONS ARE DUE ON THE EAST LIMB FOR 3-4 DAYS. THE GEOMAGNETIC FIELD MAY HAVE SHORT PERIODS OF DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 AUG/0400Z ENDING 28 AUG/0400Z

CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 24/1700Z AND 24/2000Z WERE 137 AND 136 RESPECTIVELY.

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HAUS BOU 251700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 729B ISSUED 1700Z 25 AUG 1970

INFREQUENT CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS; NO M EVENTS ARE ANTICIPATED.

A. THE SOLAR DISK REMAINS QUITE DULL WITH ONLY 6 OR 7 SUBFLARES HAVING BEEN REPORTED FOR THE DAY. OF THE 12 SMALL GROUPS CURRENTLY VISIBLE, ONLY ONE APPEARS TO BE DEVELOPING-THAT NEAR S10E44. AN UNUSUALLY LINEAR FILAMENT STRUCTURE CUTS IN FROM THE SE LIMB NEAR S40. IT EXTENDS BEYOND THE VISIBLE HEMISPHERE AND APPARENTLY WELL ABOVE THE LIMB. GEOMAGNETICALLY CONDITIONS ARE QUIET.

B. NO MAJOR ERUPTIVE CENTERS ARE EXPECTED TO APPEAR EITHER ALONG THE EAST LIMB OR TO DEVELOP ON THE DISK WITHIN THE FORECAST PERIOD. ACTIVITY SHOULD BE CONFINED TO NON-ENERGETIC FLARES.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOURS PERIODS BEGINNING 25 AUG/1700Z ENDING 28 AUG/1700Z.
CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 25/1400Z WAS 134. PREDICTED 10.7 CM FLUX FOR 26-28 AUG IS 134/135/136.

E. MAGNETIC A-FREDERICKSBURG FOR 24 AUG WAS 02. FOR 25 AUG ABOUT 06. PREDICTED AP FOR 26-28 AUG, 07/04/03.

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