

KMSU
PP KGFF
DE BOU 261735Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 396A ISSUED 1700Z 26 SEPT 1969
CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS.

A. A WEAK PROTON EVENT BEGINNING 25/0745Z SEEMS ASSOCIATED WITH A FLARE BEGINNING 25/0647Z. THE FLARE STARTED AS A COLLECTION OF SCATTERED BRIGHT POINTS EXTENDING OVER 20 DEGREES IN A PLAGE REGION DEVOID OF SPOTS (ACTUAL LOCATION WAS NEAR A SPOT GROUP LAST SEEN 24 SEPT AT N12W11 BUT NOT SEEN ON THE 25TH OR SINCE). THE PARALLEL FLARE RIBBONS COALESCED ON BOTH SIDES OF A FILAMENT A "GRADUAL RISE AND FALL" X-RAY BURST OF LESS THAN M-ENERGY WAS ASSOCIATED WITH THE FLARE AND PROTON COUNT RATES OBSERVED BY ATS-1 DISPLAYED SIMILAR HISTORY. MINOR ABSORPTION WAS OBSERVED BY HIGH LATITUDE RIOMETERS. NEUTRON MONITORS WERE UNPERTURBED. THE GEOMAGNETIC FIELD IS CURRENTLY QUIET.

B. CLASS M FLARES ARE EXPECTED FROM N05W53 REGION. REGIONS AT N07E08 AND S09W03 APPEAR STABLE CURRENTLY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 SEPT/1700Z ENDING 28/1700Z.

CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX TODAY AT 1700Z WAS 161. PREDICTED 160/160/155.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3 2/2/2/2/2/2/2/2.

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KMSC

PP KGFF

DE BOU 262310Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOSLDER COLO

SDF NUMBER 396B ISSUED 2300Z 26 SEPTEMBER 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. LITTLE CHANGE IS APPARENT IN THE REGION AT N05W53, ALTHOUGH E-W BRIGHT PLAGE HAS EXTENDED ACROSS LEADER SPOTS. WHITE LIGHT GROWTH IS APPARENT IN S13E33 REGION, AND A NEW REGION IS APPARENTLY COMING ONTO THE VISIBLE DISK AT S11EL. ONLY CLASS C FLARES HAVE BEEN REPORTED IN THE LAST 24 HOURS. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. PARTS B,C, AND D ARE UNCHANGED FROM SDF 396A.

E. MAGNETIC A-FREDERICKSBURG FOR 25 SEPTEMBER WAS 09. FOR 26 SEPT ABOUT 05. PREDICTED AP FOR 27-29 SEPT, 08/08/08.

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