

NNNNUU0350  
NNNNUMVGM  
KMSC  
PP KGFF  
DE BOU 270400Z  
THIS MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 427A ISSUED 0400Z 27 OCTOBER 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. A CLASS M FLARE OPTICAL CLASSIFICATION 1B WAS REPORTED 26/1632Z FROM THE REGION AT N12E05. THIS REGION NOW LOCATED AT N12W10 IS A BETA GAMMA WITH SEVERAL DELTA CONFIGURATION WITHIN ITS LARGE AREA. THIS REGION TOGETHER WITH THE REGION AT N10W35 HAS PRODUCED NUMEROUS CLASS C FLARES DURING THE PAST 10 HOURS. THE 26/1632Z FLARE PRODUCED A SMALL RADIO BURST ON 10 CM, AS WELL AS THE X-RAY BURST. NO PROTONS HAVE BEEN DETECTED BY ANY OF THE DETECTORS. THE MAGNETIC FIELD REMAINS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM THE REGION N12W10 AND MAJOR ACTIVITY IS LIKELY FROM THIS REGION BEFORE ITS WEST LIMB PASSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27/0400Z ENDING 30/0400Z.

CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 50/50/50

D. OTTAWA 10.7 CM FLUX 26/1700Z WAS 222 (PROBABLY FLARE CONTAMINATED)  
26/2000Z WAS 206.

BT

KMSC  
PP KGFF  
DE BOU 271700Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 427B ISSUED 1700Z 27 OCT 1969  
CLASS M FLARES ARE EXPECTED

A. THE LARGE REGION AT N12W18 CONTINUES AS THE MOST COMPLEX  
FEATURE ALTHOUGH IT HAS NOT YET PRODUCED LARGE SIGNIFICANT  
FLARES AS ANTICIPATED. THE RETURNING REGION AT N20E78 HAS  
PRODUCED SEVERAL IMPORTANCE ONE FLARES DURING THE LAST 12 HOURS.

B. THE REGION AT N12W18 SHOULD PRODUCE MAJOR FLARES DURING THE  
NEXT THREE DAYS WITH SMALLER FLARES FROM THE NE REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 1700/27 OCT ENDING 1700/30 OCT.

CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 50/50/50

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 205. PREDICTED 208/208/205.

E. MAGNETIC A-FREDERICKSBURG FOR 24/25/26 OCT WAS 13/07/05.

FOR 27 OCT ABOUT 10. PREDICTED AP FOR 28-30 OCT 10/15/10.

F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3; 2/2/2/2/2/3/3/3.

SOLTERWARN

BT