

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 203/208/205.

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