

NNNNUV

PP KGFF

DE BOU 281740Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 275A ISSUED 1700Z 28 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS

A. THE REGION CURRENTLY AT N09W58 PRODUCED A CLASS M FLARE  
BEGINNING PWIXQWTPZ. THE ASSOCIATED RADIO BURST WAS MODERATE,  
AS WAS THE X-RAY BURST, BUT LOW ENERGY PROTON FLUXES ARE  
CURRENTLY INCREASING. HIGH ENERGY PROTONS ARE STILL AT BACK-  
GROUND. ANOTHER CLASS M EVENT BEGAN 28/1443Z FROM THE REGION  
AT N13W29. LIMB EVENTS CONTINUE FROM REGION AT S22W82. GEO-  
MAGNETIC FIELD IS RELATIVELY QUIET.

B. CLASS M EVENTS ARE EXPECTED FROM THE N09W58 AND S22W82  
REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 28/1700Z ENDING 31/1700Z.

CLASS M OR GREATER 90/8080

CLASS X 35/30/30

PROTON EVENTS 25/20/20

D. OTTAWA 10.7 CM FLUX FOR TODAY IS 139. PREDICTED 140/140/140.

E. N/A.

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

SOLTERWARN

BT

NNNN

PP KGFF

DE BOU 282315Z

HERE IS THE MSG FOR REFILE  
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 275B ISSUED 2300Z 28 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. ONLY MINOR ACTIVITY HAS BEEN REPORTED IN THE LAST 6 HOURS.  
SLIGHT GROWTH AND AN ACTIVE FILAMENT IN THE REGION AT N13W35,  
ALONG WITH CONTINUED LINE ACTIVITY NEAR S25WL, ARE THE SIGNIFICANT  
OPTICAL REPORTS. AT LONGER WAVELENGTHS, MORE ACTIVITY IS APPARENT.  
A CONSIDERABLE NUMBER OF BOTH MINOR X-RAY SPIKES AND DEKAMETRIC  
TYPE III HAVE BEEN REPORTED, INDICATING THE DYNAMIC ASPECTS OF  
BOTH N09W64 AND S22W88 REGION. THE PROTON INCREASE ASSOCIATED WITH  
A FLARE BEGINNING 28/1250Z APPEARS TO HAVE REACHED ITS MAXIMUM,  
AND REPRESENT A VERY SOFT EVENT. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED TO CONTINUE AT A HIGH RATE FROM THE  
THREE MENTIONED REGIONS.

PARTS C AND D ARE UNCHANGED FROM SDF 275A

E. MAGNETIC A-FREDERICKSBURG FOR 27 MAY WAS03. FOR 28 MAY ABOUT 13  
PREDICTED AP FOR 29-31 MAY, 10/5/5.

SOLTERWARN

BT