

NNNNVV  
PP KGFF  
DE BOU 031745Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 038A ISSUED 1700Z OCTOBER 03 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. ONLY MINOR ACTIVITY HAS BEEN REPORTED DURING THE PAST 12  
HOURS, INCLUDING A 1B FLARE AT N13W67 AT 1244Z AND A 1N AT  
0533Z AT N17E60. A NEW SPOT REGION HAS APPEARED AT N07E50.

B. LIMITED OBSERVATIONS INDICATE THE NE REGIONS HAVE THE  
GREATEST ENERGETIC POTENTIAL AND ARE CAPABLE OF MAJOR FLARES,  
AS ARE THE REGIONS NEAR N14W39 AND S15W23. THE CURRENT  
MAGNETIC STORM IS EXPECTED TO CONTINUE TO DECLINE ALTHOUGH  
THE DISTURBANCE LEVELS MAY BE ENHANCED BY NIGHT-TIME  
PERTURBATIONS.

FORECASTS FOR OCTOBER 04-06

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 20/20/20

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 2/2/5

D. OTTAWA 10.7 CM FLUX TODAY IS 145. PREDICTED 145/145/145.  
BT

NNNNV

NNNNUUUV

PP KGFF

DE BCU 032300Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 030B ISSUED 2300Z 03 OCTOBER 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS

A. NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED SINCE THE LAST FORECAST. OVERCAST CONDITIONS DISSIPATED LATE TODAY PERMITTING WHITE AND MONOCHROMATIC OBSERVATIONS TO BE MADE OF THE SOLAR DISK IN BOULDER. THE SPOT GROUPS NOW CENTERED NEAR N18E40 N21E42 AND N20E50 HAVE GROWN CONSIDERABLY DURING THE PAST 30 HOURS.

IN ADDITION TO THE NEWLY DEVELOPED D-TYPE REGION /N07E34/ MENTIONED EARLIER TODAY THERE IS A SECOND GROUP THAT HAS SUDDENLY APPEARED CMMA A CLASS D OF AREA 70 MILLIONTHS.

B. THE PROXIMITY OF THE MEMBERS OF THE NE SPOT GROUP TRIO AND THE COMPLICATED NEUTRAL LINE STRUCTURE OUTLINED IN FILAMENT AND CHROMOSPHERIC FINE STRUCTURE STRONGLY IMPLY THE OCCURRENCE OF IMPORTANCE TWO FLARES FROM WITHIN THIS COMPLEX DURING THE NEXT THREE DAYS.

FORECASTS FOR 04-06 OCTOBER

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 20/40/10

IMPORTANCE THREE OR GREATER 2/5/2

PROTON EVENTS 2/2/5

D. UNCHANGED FROM SDF 039A.

E. MAGNETIC A-FREDERICKSBURG FOR 02 OCT WAS 33. FOR 03 OCT ABOUT 19. PREDICTED ALL UNDER 10.

SOLTERWARN

BT