

NNNNUUUV  
PP KGFF  
DE BOU 051830Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 283A ISSUED 1700Z 05 JUN 1969

CLASS X EVENTS ARE POSSIBLE IN THE NEXT 6 HOURS

A. TWO CLASS X FLARES HAVE BEEN OBSERVED IN THE LAST 8 HOURS.  
BOTH WERE FROM SOUTHWEST OF THE GROUP AT N14E66, AND WERE BOTH  
OPTICALLY 2 BRIGHT. POSITIONING OF THESE FLARES IS INTERESTING  
SINCE THEY APPEARED MORE CLOSELY RELATED TO A CHROMOSPHERIC BREAK  
BETWEEN THE MENTIONED REGION AND THE REGION AT N08E50 THAN TO  
APPARENT NEUTRAL LINE CURVATURE. BEGINNING TIMES OF THE FLARES  
WERE 05/0929Z AND 05/1442Z. LARGE CENTIMETRIC NOISE BURSTS, SIDS,  
AND DEKAMETRIC TYPE IV WERE OBSERVED IN ASSOCIATION WITH BOTH  
BURSTS.

B. CLASS X FLARES ARE EXPECTED TO CONTINUE AT A RATE OF ONE  
EVERY TWO TO THREE DAYS THROUGHOUT THE NEXT WEEK. THE LARGE  
REGION AT N18E77 APPEARS AS THE LEADER OF A MAJOR REGION WHICH  
IS NOT YET ON THE DISK.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 05 JUN /1700Z ENDING 08/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 45/45/45

PROTON EVENTS 45/45/45

D. OTTAWA 10.7 CM FLUX TODAY IS 177. PREDICTED 185/190/190.

E. N/A.

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

SOLTERWARN

BT

NNNNUUUV

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HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 283B ISSUED 2300Z 05 JUNE 1969

A CLASS X FLARE IS EXPECTED DURING THE NEXT 18 HOURS.

A. A LULL M ACTIVITY HAS BEEN OBSERVED SINCE THE LAST MESSAGE

AND IS EXPECTED TO CONTINUE FOR APPROXIMATELY 8 MORE HOURS.

THE E/400 SPOT GROUP CURRENTLY CENTERED NEAR S14E60 HAS BEEN

AT FLARE BRIGHTNESS FOR THE PAST 10-HOUR PERIOD. OBSERVATIONS AT

THE TIME OF THIS WRITING HAVE INDICATED LITTLE CHANGE THERE STRUC-

TURALLY. WITHIN THE NE QUADRANT THE RADIO BRIGHTNESS OF THE MOST

EASTERLY OF THE CLUSTER OF SPOT GROUPS CONTINUES TO CLIMB. THESE

CENTERS OF ACTIVITY WHICH ARE JUST INSIDE THE EAST LIMB ROUGHLY

MARK THE LEADING EDGE OF A STRIP OF CARRINGTON LONGITUDES 20

OR SO DEGREES WIDE WHICH HAVE BEEN RESPONSIBLE FOR 5 PARTICLE

EVENTS THIS YEAR.

PARTS B,C, AND D REMAIN UNCHANGED FROM SDF 283A.

E. MAGNETIC A-FREDERICKSBURG FOR 04 JUNE WAS 07. FOR 05 JUNE ABOUT

05 PREDICTED AP FOR 6-8 JUNE, 5/9/11.

SOLTERWARN

BT