

NNNNUUUV  
PP KGFF  
DE BOU 311710Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER FSSA BOULDER COLO  
SDF NUMBER 278A ISSUED 1700Z 31 MAY 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT 6 HOURS.

A. SLIGHT DEVELOPEMENT IS APPARENT IN THE TRAILING PORTION OF  
THE REGION AT N07E10. WEST LIMB ACTIVITY ASSOCIATED WITH DEPARTURE OF  
N09 AND S22 REGIONS APPEARS TO HAVE ENDED. SLIGHT ENHANCEMENT OF  
REGION AT S15E1 IN 9.1 CM RADIO FLUX APPEARS DUE TO APPROACH TO  
EAST LIMB OF LEADING GROUPS OF N10(L070-L110) COMPLEX. GEOMAGNETIC  
FIELD IS SLIGHTLY DISTURBED. HIGH ENERGY PROTON FLUXES ARE AT  
BACKGROUND.

B. ONLY MINIMAL FLARE ACTIVITY IS EXPECTED. GEOMAGNETIC DISTURBANCE  
IS EXPECTED TO QUIET WITHIN 12 HOURS. 10 CM FLUX EXPECTED TO RISE  
WITHIN TWO DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT 24 HOUR  
PERIODS BEGINNING 31 MAY/1700Z, ENDING 03 JUNE/1700Z.

CLASS M OR GREATER 25/25/35

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX TODAY IS 109. PREDICTED 115/120/130.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 03. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3; 3/3/3/3/3/2/2/3.

SOLTERWAPN

BT

SORRY  
ABOUT  
THAT!

NNNN

NNNNHUU  
PP KGEF  
DE BOU 312300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 278B ISSUED 2300Z 31 MAY 1969  
CLASS C FLARES ARE EXPECTED IN THE NEXT 18 HOURS.  
PLEASE CORRECT SDF 278A, PART A, LINE 5, FOLLOWING "EAST LIMB" BY  
INSERTING, "OF OLD REGION. REPORTED NE LIMB ACTIVITY IS POSSIBLY  
DUE TO APPROACH...".

A. ONLY MINOR FLARE ACTIVITY HAS BEEN REPORTED SINCE SDF 278A. TWO  
X-RAY EVENTS HAVE BEEN REPORTED, BEGINNING 31/1924Z AND 31/2102Z.  
NO OPTICAL EVENTS ARE KNOWN TO HAVE OCCURRED AT THESE TIMES. THE  
SECOND OF THESE EVENTS IS ASSOCIATED WITH A DEKAMETRIC EVENT WITH  
TYPE III FOLLOWED BY WEAK CONTINUUM. VERY MINOR CENTIMETRIC BURSTS,  
STRONG SPA'S AND MODERATE HF ABSORPTION ACCOMPANIED THESE EVENTS.  
THE GEOMAGNETIC FIELD IS RELATIVELY QUIET. HIGH ENERGY PROTON FLUXES  
REMAIN AT BACKGROUND.

SECTIONS B C AND D ARE UNCHANGED FROM SDF 278A.

E. MAGNETIC A-FREDERICKSBURG FOR 30 MAY WAS 10. FOR 31 MAY ABOUT 14.  
PREDICTED AP FOR 1-3 JUNE 5/5/5.

BT