

NNNNUUUV
PP KGFF
DE BOU 171755Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 264A ISSUED 1700Z 17 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS

A. INCREASED ACTIVITY IS REPORTED FROM THE BROKEN PLAGE REGION BETWEEN GROUPS AT N16W36 AND N12W28. A DYNAMIC FILAMENT IS APPARENT IN THIS POSITION. CLASS C FLARES OF OPTICAL IMPORTANCE ONE, BEGAN AT 17/0451Z AND 17/1131Z. A NEW REGION BETWEEN N09 AND N14 AT EAST LIMB ALSO PRODUCED IMPORTANCE ONE FLARES BEGINNING 17/0711Z AND 17/1553Z. LIMB ACTIVITY IS ALSO REPORTED FROM S15E84 APPROXIMATELY WHERE A REGION IS ROTATING ONTO THE VISIBLE DISK. GEOMAGNETIC ACTIVITY IS QUIETING, ALTHOUGH STILL ENHANCED AT HIGH LATITUDES. PROTON FLUXES NEAR EARTH ARE AT BACKGROUND IN BOTH HIGH AND LOW ENERGY RANGES.

B. CLASS M FLARES ARE EXPECTED FROM REGIONS AT N16W36 AND N12W28 OR IN THE REGION OF INTERACTION BETWEEN THESE GROUPS. CLASS M FLARES ARE ALSO EXPECTED FROM THE N11EL REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17/1700Z ENDING 20/1700Z.

CLASS M OR GREATER 75/80/80

CLASS X 05/10/10

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX TODAY IS 160. PREDICTED 163/163/155.

F. KP ESTIMATED FOR 1200-1500Z WAS 01. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 2/2/2/2/2/2/2.

SOLTERWARN

BT

PP KGFF
DE BOU 172300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER FSSA BOULDER COLO
SDF NUMBER 264B ISSUED 2300Z 17 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. A CLASS M FLARE OPTICAL 1B OCCURRED AT 1921Z N08E90. THE 10CM
FLUX PEAKED 1925Z WITH 675 UNITS. THIS REGION IS STILL BEHIND THE
LIMB AND TRUE ASSESSMENT OF THE AREA CAN NOT BE GIVEN. GEOMAGNETIC
ACTIVITY HAS SUBSIDED TO NEAR NORMAL LEVELS.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 264A.

E. MAGNETIC A-FREDERICKSBURG FOR 16 MAY WAS 41. FOR 17 MAY ABOUT 12.
PREDICTED AP FOR 18-20 MAY 10/15/10.

BT