

NNNNUUV

PP KGFF

DE BOU 131715Z

HERE IS THE MSG FOR REFILE PASS ALSO TO H E N V - HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 199A ISSUED 1700Z MARCH 13 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 12 HOURS.

A. CLASS M FLARES WERE REPORTED FROM THE REGION CURRENTLY AT N12W82 BEGINNING 12/2005Z, 12/2230Z AND 13/0035Z. THE FLARE OBSERVED AT 12/1734Z PRODUCED A SPIKE OF MODERATE-ENERGY PROTONS BEGINNING 12/1800Z AT SATELLITE HEIGHTS, BUT HIGH ENERGY PROTONS WERE NOT ENHANCED AND NO PCA WAS OBSERVED. THE GEOMAGNETIC FIELD IS CURRENTLY QUIET.

B. THE REGION AT N12W82 IS CONSIDERED A MAJOR THREAT FOR CLASS M FLARES UNTIL IT TRANSITS WEST LIMB TOMORROW.

FORECASTS FOR MARCH 14-16

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
CLASS M OR GREATER 70/70/45

CLASS X 5/5/5

PROTON EVENTS 30/30/10

D. OTTAWA 10.7 CMF LUX TODAY IS 136. PREDICTED 135/135/135.

E. N/A

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

BT

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DE BOU 132312Z

HERE IS THE MESSAGE FOR REFILE PASS ALSO TO HENV HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 199B ISSUED 2300Z 13 MARCH 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 12 HOURS.

A. CONTINUED ACTIVITY IS REPORTED AS THE REGION CURRENTLY AT N16W87 CONTINUES WEST LIMB TRANSIT. A POSSIBLE CLASS M FLARE WAS REPORTED FROM THIS REGION BEGINNING 13/2025Z. DEVELOPMENT IS ALSO REPORTED IN THE REGION CURRENTLY AT S14E41, WITH CLASS C FLARES REPORTED FROM THIS REGION. A NEW REGION HAS BEEN REPORTED AT N26E22. GROWTH IS REPORTED IN THE REGION AT N18E84.

B. CLASS M FLARES MAY BE EXPECTED FROM THE N16WL REGION FOR THE NEXT 12 HOURS. FURTHER GROWTH WILL RENDER THE S14E41 REGION A MAJOR FLARE THREAT.

PARTS C, D, AND F REMAIN UNCHANGED FROM SDF 199A.

E. MAGNETIC A-FREDERICKSBURG FOR 12 MAR WAS 27. FOR 13 MAR ABOUT 05. PREDICTED AP FOR 14-16 MAR 10/10/10.

SOLTERWARN

BT