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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 PER KP 15.3; 2-2-2-2-2-2-2-2.

BT

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PP KGFF

DE BOU 132310Z

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