

NNNNUUUV

PP KGFF

DE BOU 111715Z

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

FROM SPACE DISTURBANCE FORECAST CENTER, ESSA BOULDER COLO

SDF NUMBER 197A ISSUED 1700Z MARCH 11 1969

SMALL CLASS M FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE REGIONS NEAR N12W53, S09E43, AND S11E73 HAVE PRODUCED SPORADIC CLASS C FLARES DURING THE PAST 18 HOURS. THE REGION NEAR N12W53 HAS SHOWN SPOT GROWTH AND FILAMENTS HAVE FORMED IN THE PLAGE WHICH IS CURRENTLY BRIGHTEST ON THE DISK. THE COMBINATION OF THIS REGION AND THAT NEAR N13W63 ARE THE MOST IMPRESSIVE DISK FEATURES. THE SPOT GROUP WHICH CROSSED EAST LIMB YESTERDAY, NOW NEAR S11E73, IS APPARENTLY A D-TYPE. THE ASSOCIATED PLAGE IS EXTENSIVE BUT CURRENTLY OF ONLY NORMAL BRIGHTNESS. AN IMP ONE FAINT FLARE WAS REPORTED IN THIS REGION AT 10/2329Z. SURGES HAVE BEEN OBSERVED NEAR NE14 WHERE A PLAGE IS CROSSING THE LIHB. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED AT HIGH LATITUDES SINCE ABOUT 11/0600Z.

B. SMALL AND INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT THREE DAYS FROM THE REGIONS NEAR N12W53 AND S11E73. LARGE M EVENTS ARE NOT EXPECTED WITHIN THE NEXT 24 HOURS.

FORECASTS FOR MARCH 12-14

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 50/50/50

CLASS X 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 138. PREDICTED 138-136-134.

E. N/A

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

BT

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DE BOU 112300Z

THIS IS THE MESSAGE FOR REFILE

PASS TO H E N V HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 197B ISSUED 2300Z 11 MARCH 1969

SMALL CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. ACTIVITY DURING THE PAST 6 HOURS HAS BEEN CONFINED TO SPORADIC SURFLARES, ALL CLASS C, FROM S10E31 WHERE A NEW BIPOLAR REGION IS DEVELOPING IN CLOSE PROXIMITY TO THE PREVIOUSLY EXISTING REGION NEAR S08E27. SEVERAL OF THESE FLARES WERE ACCOMPANIED BY RADIO BURSTS AT DEKAMETRIC WAVELENGTHS, BUT NO SIGNIFICANT X-RAY ENHANCEMENTS OR CENTIMETER RADIO BURSTS WERE OBSERVED. MINOR SPOT GROWTH HAS OCCURRED IN THE REGION NEAR S14E76. FILAMENT DEVELOPMENT HAS OCCURRED SOUTH OF THE LEADER SPOT OF THE GROUP NEAR N12W53 AND BETWEEN THIS GROUP AND THAT NEAR N13W63. THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED AT HIGH LATITUDES.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 197A.

E. MAGNETIC A-FREDERICKSBURG FOR 10 MAR WAS 05. FOR 11 MAR ABOUT 08. PREDICTED AP FOR 12-14 MAR 15/10/10.

BT

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