

NNNN1722

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KMSC

PP KGFF

DE BOU 161725Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 386A ISSUED 1700Z 16 SEPTEMBER 1969

CLASS M ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

*Should read
S17W13*

A. THE REGION NEAR S17E13 PRODUCED IMP ONE FLARES, ALL CLASS C, BEGINNING 16/0002Z AND 16/1124Z. THIS REGION, WHICH YESTERDAY WAS RINGED WITH SMALL SPOTS, TODAY SHOWS A TRAILING TAIL OF SMALL SPOTS, AND THUS APPEARS MORE NORMALLY BIPOLAR. THE LATTER FLARE ABOVE IS ASSOCIATED WITH A CHROMOSPHERIC BREAK EXTENDING EASTWARD FROM THE LEADING PENUMBRA. THE REGION AT S04E10 APPEARS LITTLE CHANGED, ALTHOUGH H-ALPHA FLUCTUATIONS INDICATE SOME INSTABILITY, AND OCCASIONAL MINOR FLARE ACTIVITY HAS BEEN REPORTED. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. CLASS M FLARES, AT A MODERATE RATE, ARE EXPECTED FROM THE S17W13 REGION. GEOMAGNETIC DISTURBANCE EXPECTED STARTING 17/2100-2400Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 16 SEPT/1700Z ENDING 18 SEPT/1700Z.

CLASS M OR GREATER 60//60/60

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 136.

E. N/A.

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

SOLTERWARN

BT

NNNN2341

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KMSC

PP KGFF

DE BOU 162335Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 386B ISSUED 2300Z 16 SEPTEMBER 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. PLEASE CORRECT THE COORDINATES OF THE FIRST REGION MENTIONED IN SDF 386A TO READ S17W13. THIS REGION HAS NOT DISPLAYED ANY SIGNIFICANT STRUCTURAL CHANGES THROUGH THE DAY. THE FLARE BEGINNING 16/1124Z IS NOW CLASSIFIED AS AN M BASED ON SOLRAD DATA. AN ADDITIONAL FLARE FROM THIS REGION, BEGINNING 16/2056Z, IS TENTATIVELY EVALUATED AS CLASS C (1N). THE GEOMAGNETIC FIELD IS QUIET.

PARTS B AND C ARE UNCHANGED FROM SDF 386A.

D. OTTAWA 10.7 CM FLUX TODAY AT 1700Z WAS 135. PREDICTED 132/132/140.

E. MAGNETIC A-FREDERICKSBURG FOR 15 SEPT WAS 17. FOR 16 SEPT ABOUT 08 PREDICTED AP FOR 17-19 SEPT, 25/15/10.

SOLTERWARN

BT