

NNNN1704

NNNN

KMSC PP KGFF

DE BOU 011700Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 371A ISSUED 1700Z 01 SEPT 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 6 HOURS.

A. ONLY SPORADIC CLASS C EVENTS DURING THE PAST 18 HOURS.

THE REGION NEAR N12W59 IS APPARENTLY STILL MAGNETICALLY COMPLEX,
BUT IT IS DECAYING IN BOTH WHITE LIGHT AND H-ALPHA.

THE N07W11 REGION MAINTAINS ITS H-ALPHA STRUCTURE BUT HAS
DECAYED IN WHITE LIGHT. FILAMENTS IN BOTH REGIONS CONTINUE
TO SHOW INTERMITTENT ACTIVITY. THE ONLY OTHER SIGNIFICANT
REGION, NOW NEAR S09W35, HAS BEEN STABLE. THE GEOMAGNETIC FIELD
IS QUIET.

B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT
72 HOURS. CLASS X FLARES ARE POSSIBLE BUT NOT LIKELY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 01 SEPT/1700Z ENDING 04/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 15/15/15

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 157. PREDICTED 151/145/138.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24 HOURS
PER KP 15.3 1/1/1/1/1/1/1/1.

SOLTERWARN

BT

NNNN2249

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KMSC PP KGFF

DE BOU 012300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 371B ISSUED 2300Z 01 SEPT 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. A LARGE SUB BRIGHT CLASS C FLARE OCCURRED IN THE DECAYING REGION
NEAR N12W59 AT 1946Z. SMALL SURGES WERE OBSERVED FROM A NEW SMALL
COMPACT PLAGE NEAR N12W85. NO OTHER ACTIVITY OR CHANGES OBSERVED.
THE GEOMAGNETIC FIELD IS QUIET.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 371A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 154.

E. MAGNETIC A-FREDERICKSBURG FOR 31 AUG WAS 03. FOR 01 SEPT ABOUT 04.
PREDICTED AP FOR 02-04 SEPT 06/08/10.

BT

NNNN2250