

NNNN1703

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KMSC PP KGFF

DE BOU 021700Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 372A ISSUED 1700Z 02 SEPT 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.

A. ACTIVITY CONTINUES AS A LOW LEVEL. SUBFLARES, INCLUDING A LARGE SUB-BRIGHT OR POSSIBLE ONE BRIGHT AT 02/0433Z, HAVE ACCOMPANIED FILAMENT ACTIVITY IN THE N11W75 REGION. LIMB PROXIMITY NOW PREVENTS ACCURATE EVALUATION OF CHANGES WITHIN THIS REGION. THE REGION NEAR N07W23 IS THE MOST IMPRESSIVE DISK FEATURE IN H-ALPHA BUT THE ASSOCIATED SPOTS ARE SMALL AND SCATTERED. A NEW BIPOLE REGION IS DEVELOPING IMMEDIATELY EAST OF THE D-TYPE SPOT GROUP NEAR S09W48. ALL REGION ON THE EASTERN HALF OF THE DISK ARE CURRENTLY SMALL AND INSIGNIFICANT. 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 02/1700Z ENDING 05/1700Z.

CLASS M OR GREATER 50/50/40

CLASS X 15/15/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 155. PREDICTED 150/145/140.

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

SOLTERWARN

70

Sent to Mr. Mathis
ADM/B

NNNN2252

NNNN

KMSC PP KGFF

DE BOU 022300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 372B ISSUED 2300Z 02 SEPT 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. AN IMP ONE NORMAL CLASS C FLARE OCCURRED AT 02/2145Z IN THE
REGION NEAR N07W22. ONLY OTHER ACTIVITY PAST 6 HOURS CONSISTED
OF TWO CLASS C SUBFLARES. THE NEW SMALL REGION NEAR S10W38 CON-
TINUES TO GROW. OTHERWISE DISK FEATURES ARE UNCHANGED. THE
GEOMAGNETIC FIELD IS QUIET.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 372A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 153.

E. MAGNETIC A-FREDERICKSBURG FOR 01 SEPT WAS 02. FOR 02 SEPT ABOUT
04. PREDICTED AP FOR 03-05 SEPT ALL UNDER 10.

BT