

NNNN
KMSC
PP KGFF
DE BOU 041700Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 374A ISSUED 1700Z 04 SEPTEMBER 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.

A. UNEXPECTED REVIVIFICATION OF THE REGION AT N07W53 HAS
RESULTED IN TWO CLASS M FLARES AT 04/0302Z /IMP SB/ AND
04/0823Z /IMP 1N/. THE REGION IS GROWING RAPIDLY IN
WHITE LIGHT AND IS NOW CLASSIFIED AS A D-TYPE/100
MILLIONTHS. IN H-ALPHA, THE BRIGHT, FLUCTUATING PLAGE
CONTAINS SEVERAL EMBEDDED INACTIVE FILAMENTS. THE REGION
AT S11W67 HAS SHOWN CONTINUED SPOT GROWTH BUT ITS PLAGE
STRUCTURE IS WEAK. ALL OTHER REGIONS ARE VERY SMALL AND
STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. ONLY A FEW SPORADIC CLASS M FLARES ARE EXPECTED FROM
THE N07W53 REGION BEFORE IT MAKES ITS WEST LIMB PASSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 04/1700Z ENDING 07/1700Z.

CLASS M OR GREATER 30/40/40

CLASS X 5/10/10

PROTON EVENTS 5/10/10

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

E. N/A.

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

SOLTERWARN

BT

NNNN2335

NNNN

KMSC PP KGFF

DE BOU 042300Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 374B ISSUED 2300Z 04 SEPT 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 18 HOURS.

A. THE ONLY SIGNIFICANT CHANGE ON THE SOLAR DISK HAS BEEN
INCREASED SPOT AREA IN THE FOLLOWER OF THE REGION AT
N05W60. FLARE ACTIVITY REMAINS LOW.

PARTS B & C REMAIN UNCHANGED FROM SDF 374A.

D. OTTAWA 10.7 CM FLUX AT 1700Z IS 148.

E. MAGNETIC A-FREDERICKSBURG FOR 03 SEPT WAS 04. FOR 04 SEPT
ABOUT 04 PREDICTED AP FOR 05-07 ALL UNDER 10.

SOLTERWARN

BT