

KMSC
PP KGFF
DE BOU 031710Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 403A ISSUED 1700Z OCT 3 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT SIX HOURS.

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY CLASS C
FLARES BEING OBSERVED. AN IMPORTANCE M FLARE OCCURRED AT N07W81
AT 03/0257Z, BUT ITS IONOSPHERIC EFFECTS WERE SMALL. THE MOST
INTERESTING AND SIGNIFICANT REGION ON THE DISK IS AT S12W06. SPOT
GROWTH HAS STABILIZED AND IS MAGNETICALLY A BETA. THIS REGION
ALSO SHOWS ACTIVE FILAMENTS AND PLAGE FLUCTUATIONS. THE REGIONS AT
N18E29 AND N28E66 HAVE BOTH SLOWED UP IN THEIR SPOT GROWTH AND ARE
CURRENTLY STABLE. ALL REGIONS ON THE DISK HAVE SIMPLE MAGNETIC
CLASSIFICATIONS. STRONG GREEN LINE CORONA (~~ATETEVA~~) WAS OBSERVED
TODAY ON THE EAST LIMB.

5303A

B. RAPID FLUCTUATIONS IN GROWTH OF THE REGIONS CURRENTLY ON THE DISK
HAVE LED TO FLUCTUATING PROBABILITIES. THE CURRENT TREND FOR THE
NEXT 72 HOURS APPEARS TO BE SLIGHTLY MORE ACTIVITY FROM THE ABOVE
MENTIONED REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 03/1700Z ENDING 06/1700Z.

CLASS M OR GREATER 50/60/60

CLASS X 05/10/10

PROTON EVENTS 05/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 134. PREDICTED 132/130/130.

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.

SOLTERWARO

NNNN2256
NNNN2257
NNNNB
KMSC
PP KGFF
DE BOU 032300Z
THIS MESSAGE FOR REFILE

403 B

BRUCE !!!

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 403 ISSUED 2300Z 3 OCT 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 18 HOURS.

A. CLASS C FLARE PRODUCTION HAS REMAINED LOW DURING THE PAST 6 HOURS. AN IMPORTANCE 2 OR 3 EPL-BSL OCCURRED AT SW07 AT 03/1630Z. CLOUDS HAVE HAMPERED OBSERVATIONS THE PAST 6 HOURS AT MOST OBSERVATORIES. THE REGION AT S10W10 CONTINUES TO FLUCTUATE AND NOW APPEARS TO HAVE DECLINED IN BOTH PLAGE AND SPOTS. ALL OTHER GROUPS STABLE.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 404A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 132.

E. MAGNETIC A-FREDERICKSBURG FOR 02 OCT WAS 20. FOR 03 OCT ABOUT 12. PREDICTED AP FOR 04-06 OCT 10/10/10.

BT