

WISU
PP KGFF
DE BOU 171700Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 417A ISSUED 1700Z 17 OCTOBER 1969
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS
A. ONLY ONE CLASS C FLARE HAS BEEN OBSERVED THIS ZULU DAY.
BSL'S WERE OBSERVED FROM N10-20EL.
B. SOLAR ACTIVITY WILL BE INCREASING AS THE ACTIVE LONGITUDES
ROTATE ONTO THE EL STARTING TOMORROW.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 17/1700Z ENDING 20/1700Z.
CLASS M OR GREATER 20/30/40
CLASS X 01/05/05
PROTON EVENTS 01/05/05
D. OTTAWA 10.7CM FLUX AT 1400Z WAS 122. PREDICTED 115/118/125.
E. N/A.
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.
SOLTERWARN
BT

NNNNEG
KMSC
PP KGFF
DE BOU 172300Z
THIS MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 417B ISSUED 2300Z 17 OCT 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 18 HOURS.

A. ALTHOUGH SOLAR ACTIVITY IS CURRENTLY AT A LOW LEVEL, SEVERAL INTERESTING OBSERVATIONS HAVE BEEN MADE THE PAST 6 HOURS. SEVERAL CLASS C FLARES AND BSLS WERE OBSERVED FROM N10-16 EL INDICATING THE RETURN OF AN ACTIVE REGION. AN X-RAY BURST (CLASS M LEVEL) WAS OBSERVED AT 17/0918Z, HOWEVER, NO FLARES OR BRIGHTENINGS WERE OBSERVED AT THIS TIME. MODERATE TO STRONG YELLOW LINE CORONA WAS OBSERVED TODAY ON THE NE LIMB. THE GEOMAGNETIC FIELD IS QUIET.

B. ATTENTION SHOULD OBVIOUSLY BE SHIFTED TO THE NE LIMB AS ACTIVITY SHOULD INCREASE

SPECIALLY IN THE NEXT 24-72 HOUR PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17/2300Z ENDING 20/2300Z.

CLASS M OR GREATER 40/45/50

CLASS X 10/15/20

PROTON EVENTS 10/15/20

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 123. REVISED PREDICTIONS 128/135/143.

E. MAGNETIC A-FREDERICKSBURG FOR 16 OCT WAS 04. FOR 17 OCT ABOUT 06. PREDICTED AP FOR 18-20 OCT 10/10/10.

BT