

NNNUV
PP KGFF
DE BOU 021725Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 037A ISSUED 1700Z OCTOBER 02 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. IMPORTANCE ONE FLARES WERE REPORTED NEAR THE N19E64 REGION
AT 0743 AND 1024Z AND IN THE S22E56 REGION AT 0541Z. CHANGE HAS
OCCURRED IN THE N19E64 REGION AND THERE NOW APPEAR TO BE TWO
SEPARATE BUT CLOSELY ASSOCIATED SPOT GROUPS THERE. ITS HYDROGEN
PLAGE CONTAINS BRIGHT PORTIONS. ALL OTHER REGIONS APPEAR TO BE
STABLE. A MODERATE GEOMAGNETIC DISTURBANCE BEGAN AT ABOUT
02/0000Z. IT IS ASSOCIATED WITH THE 29/1619Z IMPORTANCE 2B FLARE
AND THE SUBSEQUENT MINOR PROTON EVENT AND FORBUSH DECREASE.

B. ONLY MINOR FLARES ARE EXPECTED FROM ANY OF THE VISIBLE REGIONS.
THE MAGNETIC DISTURBANCE SHOULD DECLINE GRADUALLY RETURNING TO
NORMAL WITHIN ABOUT 24 HOURS.

FORECASTS FOR OCTOBER 03-05

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 10/10/5

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 136. PREDICTED 134/134/134.

BT

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DE BOU 022300Z

HERE IS THE MESSAGE FOR REFILE

37B
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 038B ISSUED 2300Z 02 OCTOBER 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. AN IMPORTANCE ONE FLARE AT 2013Z AT N19E67 WAS ACCCOMPANIED
BY MODERATE RADIO EMISSION. THE REGION IS DEVELOPING SLIGHTLY IN
SPOT AND PLAGE COMPLEXITY. THE SMALL MAGNETIC STORM WHICH BEGAN
AT 02/0000Z IS STILL IN PROGRESS.

B. MAJOR FLARES ARE POSSIBLE FROM THE N19E64 REGION DURING THE
NEXT THREE DAYS.

FORECASTS FOR 03-05 OCT

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 20/20/20

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 2/2/2

D. UNCHANGED FROM SDF 038A.

E. MAGNETIC A-FREDERICKSBURG FOR 01 OCT WAS 10. FOR 02 OCT
ABOUT 40. PREDICTED 25-30/10-15/10-15.

SOLTERWARN

BT