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PP KGFF

DE BOU 020000Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CEN TER ESSA BOULDER COLO
SDF NUMBER 854B ISSUED 0000Z APR 02 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF NUMBER 854A.
E. MAGNETIC A-FRE DERICKSBURG FOR MAR 31 WAS 11. F OR APR 01
ABOUT 14. PREDICTED AP FOR 02-04 10-15/8-12/8-12.

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PP KGFF

DE BOU 021820Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 855A ISSUED 1800Z APRIL 02 1968

MAJOR FLARE ACTIVITY IS POSSIBLE DURING THE NEXT 12 HOURS.

A. A POSSIBLE IMPORTANCE ONE BRIGHT FLARE WAS REPORTED AT 0823Z
FROM THE RAPIDLY EVOLVING REGION NOW LOCATED NEAR N15W40. NO
RADIO NOISE BURSTS OR IONOSPHERIC EFFECTS WERE DETECTED. MOST
OF THE REPORTED SUBFLARE ACTIVITY DURING THE PAST 24 HOURS HAS
ORIGINATED HERE AS WELL. AN OPEN DISTRIBUTION OF SPOTS WITH
VERY LITTLE ASSOCIATED PENUMBRAE HAS FORMED ABOUT 5HDEGREES
WEST OF THIS N15W40 GROUP. MAGNETIC DATA INDICATED ON MARCH 30
THAT THE TWO REGIONS CURRENTLY VISIBLE AT THIS CARRINGTON
LONGITUDE WERE SEPARATE AND DISTINCT GROUPS. THE NEWLY DEVELOPED
CLUSTER APPEARS THEN TO BE A TH IRD ACTIVE CENTER. THE REGION
PRODUCING MOST OF YESTERDAYS ACTIVITY HAS DECLINED BOTH IN SPOT
AND PLAGE AREA. NO FLARES HAVE BEEN OBSERVED FROM THE STABLE
REGION NEAR S22W22. A SMALL PLAGE WITH UNDERLYING J-TYPE SPOT
HAS JUST ROTATED OVER THE EAST LIMB AT S20. THIS REGION WAS AT
FLARE BRIGHTNESS EARLIER TODAY CMA HOWEVER CMA IT HAS DECLINED
SHARPLY IN BRIGHTNESS.

B. DURING THE NEXT TWENTY-FOUR TO THIRTY-SIX HOURS A MAJOR FLARE
IS EXPECTED FROM EITHER OR BOTH OF THE REGIONS NEAR N17W42 AND
S22W22. THE FORMER GROUP REPRESENTS A POSSIBLE INTERACTION OF
THREE UNIPOLAR REGIONS /PERHAPS THREE DIFFUSE BIPOLAR GROUPS/
WHILE THE LATTER IS EXPECTED TO BEGIN A SHARP DECLINE AND HENCE
FLARE.

FORECASTS FOR APRIL 03-05

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 85/15/2

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. HOTTAWA 10.7 CM FLUX TODAY IS 144. PREDICTED 146/143/140.

BT