

UUV
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.
BT

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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 THIRD 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