

PP KGFF
DE BOUL 112345Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 864B ISSUED 0000Z APRIL 12 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 864A.

E. FREDERICKSBURG A INDEX FOR APRIL 10 WAS 05. FOR APRIL
11 HIT WILL BE ABOUT 08. PREDICTED AP FOR APRIL 12-14
20-25/15-20/10-15.

BT 12 13 14

NNNNV

NNNNUUUV

PP KGFF

DE BOU 121800Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 865A ISSUED 1800Z APRIL 12 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE WEEK APRIL 4-12 CMMA 1968 CLN

NO MAJOR FLARES OCCURRED. ONLY MINOR FLARE ACTIVITY WAS ASSOCIATED WITH THE SPOT GROUP WHICH MAXIMIZED AT D/400 ON APRIL 4 WHEN NEAR S22W43. THE LARGEST REGION CURRENTLY VISIBLE ROTATED ONTO THE EAST LIMB APRIL 8 AT N25. ITS SPOT GROUP GREW SLOWLY TO D/720 TODAY AND ON APRIL 10 IT WAS MAGNETICALLY COMPLEX. ONLY SUBFLARES HAVE BEEN REPORTED FROM THIS POTENTIALLY ACTIVE CENTER AS WELL AS FROM THE TWO GROUPS PRESENTLY NEAR S20W40 AND N23E09. THESE EVENTS HAVE BEEN DEFICIENT IN THE PRODUCTION OF ASSOCIATED X-RAYS AND RADIO NOISE BURSTS. A WEAK DISTURBANCE IN THE EARTHS MAGNETIC FIELD BEGAN LATE ON APRIL 5 AND LASTED FOR APPROXIMATELY 1 1/2 DAYS.

B. HFORECAST FOR THE WEEK APRIL 13-19 CMMA 1968 CLN

CHANGES IN THE SPOT GROUP NOW NEAR N25E33 INDICATE THAT INCREASING FLARE ACTIVITY MAY BE EXPECTED IN 2-4 DAYS. NO OTHER VISIBLE GROUPS OR EXPECTED RETURNING REGIONS ARE LIKELY TO PRODUCE FLARES GREATER THAN IMPORTANCE ONE.

C. 28 DAY FORECAST FOR APRIL 13-MAY 10 CMMA 1968 CLN

SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL DURING THE PERIOD APRIL 20-26.

D. THE DAILY FORECAST FOR APRIL 13-15 AND EXPECTED MEAN FORECAST FOR APRIL 15-19 CMMA 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 2-5-15 /7/

IMPORTANCE THREE OR GREATER 1-1-2 /1/

PROTON EVENTS 1-1-1 /1/

10.7HCM FLUX TODAY 142. PREDICTED 144-145-145 /140/

BT