

MNNNNNUUV

PP KGF F

DE BOU 300000Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 851B ISSUED 0000Z MAR 30 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF NUMBER 851A.

E. MAGNETIC A-FREDERICKSBURG FOR MARCH 28 WAS 12. FOR

MARCH 29 ABOUT 14. HPREDICTED AP 10-12/UNDER 10/UNDER 10.

BT

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NNNNUUUV
PP KGFF
DE BOU 301825Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 852A ISSUED 1800Z MARCH 30 1968

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

A. FOR THE PAST 24 HOURS ONLY SUBFLARES HAVE BEEN REPORTED. MOST OF THIS ACTIVITY HAS ORIGINATED FROM WITHIN THE DEVELOPING SPOT GROUP NOW LOCATED NEAR S22E16. SIGNIFICANT GROWTH HAS TAKEN PLACE BOTH BETWEEN LEADER AND FOLLOWER AND IN THE TRAILING PORTION. THE REGION SPANS SOME 9 DEGREES OF LONGITUDE AND IS ORIENTED ESSENTIALLY PARALLEL TO THE SOLAR EQUATOR. A NUMBER OF SMALL SPOTS CMMA EACH WITH BARELY DISCERNABLE PENUMBRAE CMMA HAVE FORMED IN THE TRAILING POSITION OF THE GROUP NEAR S19E34. THE HYDROGEN PLAGE ASSOCIATED WITH THIS REGION IS SIMILARLY DISCONNECTED AND ONLY MODERATELY BRIGHT. ALTHOUGH THE TWO REGIONS NEAR N19W01 AND N13E00 HAVE SHOWN ONLY SLIGHT CHANGE DURING THE PAST 24 HOURS CMMA A SINGLE BIPOLAR GROUP APPEARS TO BE SLOWLY EMERGING. THE FINE STRUCTURE IN THE REGIONS PLAGE AND THE ORIENTATION OF THE NUMEROUS FILAMENTS IN THE VICINITY LEND SUPPORT TO THIS HYPOTHESIS. ALL OTHER VISIBLE SPOT GROUPS ARE STABLE.

B. BASED UPON THE COURSE OF DEVELOPMENT AND THE BIPOLAR NATURE OF THE S22E16 REGION CMMA FLARES AS LARGE AS IMPORTANCE ONE AND POSSIBLY TWO WITH STRONG RADIO AND X-RAY EMISSIONS MAY BE EXPECTED DURING THE PERIOD OF INITIAL DECLINE. IMPORTANCE ONE FLARES ARE ALSO EXPECTED FROM THE N19W01 GROUP.

FORECASTS FOR MARCH 31-APRIL 2

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 2/5/15
IMPORTANCE THREE OR GREATER 1/1/1
PROTON EVENTS 1/1/1

D. HOTTAWA 10.7 HCM FLUX TODAY 161. PREDICTED 158/156/152.

BT