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PP KGFF
DE BOU 081715Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 982A ISSUED 1700Z AUGUST 08 1963

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12HHOURS.

A. THE REGION NEAR N12E06H HAS PRODUCED SEVERAL 1B FLARES
ACCOMPANIED BY IONOSPHERIC EFFECTS AND RADIO BURSTS DURING
THE PAST 18HHOURS. THE SPOT STRUCTURE IS SHIFTING AND
BECOMING MORE EAST-WEST ALIGNED. A SMALLER SEGMENT OF THE
MAIN PENUMBRA HAS SEPARATED AND BOTH THE LARGE AND SMALL
PENUMBRA HAVE SMALL INFERRED DELTA MAGNETIC CONFIGURATIONS.
THE H-PLAGE EXTENDS TO NEIGHBORING SPOT GROUPS. NEW SPOT
GROUPS HAVE APPEARED AT N09E26 AND S05E29. THE LATTER REGION
HAS PRODUCED SUBFLARES THIS MORNING.

B. THE N12E06H REGION IS EXPECTED TO PRODUCE MORE 1B FLARES
WITH MODERATE PROBABILITIES FOR IMPORTANCE 2 OR LARGER. ONLY
MINOR ACTIVITY IS EXPECTED FROM THE OTHER REGIONS ON THE DISK.

FORECAST FOR AUGUST 09-11

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/35/25

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 5/5/5

D. MONTANA 10.7H CM FLUX TODAY IS 138. H PREDICTED 140/143/145.

BT

NNNNUUUV
PP KGFF
DE BOU 082340Z
- THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 982B ISSUED 2300Z AUG 8 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE 2B FLARE OCCURRED AT N10W00 BEGINNING AT 1808 UT.
MODERATE IONOSPHERIC EFFECTS AND CENTIMETER WAVELENGTH RADIO
BURSTS WERE REPORTED. THE REGION WHICH PRODUCED THE FLARE STILL
RETAINS ITS COMPLEX MAGNETIC STRUCTURE AND PLAGE BRIGHTNESS.

B. ADDITIONAL MAJOR FLARES ARE ANTICIPATED DURING THE NEXT 3 DAYS.
PROTONS ARE NOT EXPECTED FROM TODAY'S FLARE OR FROM SUBSEQUENT
FLARES UNLESS SIGNIFICANT REORGANIZATION OCCURS IN THE REGION.

FORECASTS FOR AUG 9-11

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60-40-30

IMPORTANCE THREE OR GREATER 5-5-5

PROTON EVENTS 5-5-5

D. SAME AS SDF 982A.

E. MAGNETIC A-FREDERICKSBURG FOR AUG 7 WAS 12. FOR AUG 8 ABOUT 12.
PREDICTED AP 15-20-18.

BT