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PP KGFF
DE BOU 082355Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 801B ISSUED 0000Z FEBRUARY 09 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
A. AN IMPORTANCE TWO BRIGHT SURGE AND ASSOCIATED ONE FAINT
FLARE WERE OBSERVED AT 210Z AT N15E75. SPOT GROWTH HAS BEEN
REPORTED IN THIS REGION TODAY. TWO IMPORTANCE ONE FLARES
WERE ALSO REPORTED AT 1402Z AND 1821Z AT S13E80. THIS REGION
APPEARS STABLE.
B. FLARES AS LARGE AS IMPORTANCE ONE ARE EXPECTED FROM THE
ABOVE MENTIONED REGIONS.
SECTIONS C AND D REMAIN UNCHANGED.
E. FREDERICKSBURG A INDEX FOR FEB. 07 WAS 04. FOR FEB 08. IT
WILL BE ABOUT 08. PREDICTED FOR FEB. 09-11 /ALL UNDER TEN/
BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF 802A ISSUED 1800Z FEBRUARY 9 1968

A. HIGHLIGHTS FOR THE WEEK FEBRUARY 2-9 CMMA 1968 CLN
THE VERY LARGE ACTIVE CENTER WHICH WAS RESPONSIBLE FOR LAST WEEKS
MAJOR FLARES CONTINUED TO DOMINATE ACTIVITY UNTIL ITS WEST LIMB
PASSAGE ON FEB. 5-6. A POSSIBLE IMPORTANCE 1 FLARE WAS REPORTED
THERE AT 2/1030Z. ACTIVITY DECLINED THEREAFTER IN THIS AND ALL
REMAINING VISIBLE ACTIVE CENTERS UNTIL 7 FEB. A SMALL BUT ACTIVE
REGION APPEARED AT N18 E LIMB ON THAT DATE AND HAS GROWN TO ABOUT
E/200 TODAY. THIS REGION POSSESSES THE BRIGHTEST PLAGE AND 9.1 CM
WAVELENGTH RADIO EMISSION ON THE VISIBLE DISK TODAY. IT HAS BEEN
THE SOURCE OF NUMEROUS SMALL FLARES. THE OTTAWA 10.7 CM SOLAR FLUX
DECLINED SHARPLY DURING THE WEEK PRIMARILY DUE TO WEST LIMB PASSAGE
OF THE MAJOR REGION AND DECLINES IN THE OTHER REGIONS. THE SLIGHT
MAGNETIC DISTURBANCE WHICH BEGAN 07/1700Z IS STILL IN PROGRESS AND
HAS NOT REACHED STORM PROPORTIONS.

B. FORECAST FOR THE WEEK FEBRUARY 10-16 CMRA 1968 CLN
CONTINUED GROWTH AND DEVELOPMENT IS ANTICIPATED IN THE N18E58
REGION WITH MAJOR FLARES POSSIBLE BEGINNING IN ABOUT 36-48 HOURS.
NO RETURNING ACTIVE REGIONS ARE EXPECTED DURING THE WEEK.

C. 28 DAY FORECAST FOR FEBRUARY 10 - MARCH 8 CMMA 1968 CLN
SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL WITHIN THE
PERIOD FEB. 21-MAR. 6.

D. THE DAILY FORECAST FOR FEB. 10-12 AND EXPECTED MEAN FORECAST

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

DAILY PERCENT PROBABILITIES FOR FLARES
IMPORTANCE TWO OR GREATER 5-10-20 /20/

IMPORTANCE TWO OR GREATER 3-10-20 /20
IMPORTANCE THREE OR GREATER 1-1-2 /21

IMPORTANCE THREE OR GRE
PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY 156. PREDICTED 160-162-163 /162/

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