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PP KGFF

DE BOU 051710Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 948A ISSUED 1700Z JULY 05 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD JUNE 27-JULY 05, 1968 CLN THE
REGION NEAR N13W23 ON JUNE 28 DECAYED CONTINUOUSLY UNTIL WEST
LIMB PASSAGE JULY 02 WITHOUT PRODUCING ANY SIGNIFICANT SOLAR
ACTIVITY. ANOTHER REGION WHICH PASSED WEST LIMB JULY 04 AT N30
REACHED MAXIMUM SPOT DEVELOPMENT JULY 03 WITH CLASS/AREA E/150.
IT ALSO PRODUCED ONLY MINOR ACTIVITY. A NEW REGION WAS ROTATED
ONTO EAST LIMB AT N12 ON JULY 04. IT WAS MEASURED AS H/180 ON
JULY 04 WHEN ON THE LIMB. AN IMPORTANCE ONE BRIGHT FLARE WAS
REPORTED THERE AT 1548Z JULY 05. THE FLARE WAS ACCOMPANIED BY
MINOR IONOSPHERIC EFFECTS.

B. FORECAST FOR THE WEEK JULY 06-12, 1968 CLN A PREVIOUSLY
LARGE AND COMPLEX REGION IS EXPECTED TO RETURN TO EAST LIMB
JULY 10-11 NEAR N14. THE REGION NOW NEAR N12E70 CAN NOT YET
BE PROPERLY EVALUATED BUT IT IS NOT BELIEVED TO BE HIGHLY
ACTIVE. SOLAR FLARES LARGER THAN IMPORTANCE ONE ARE UNLIKELY
UNTIL JULY 11 WHEN THEIR PROBABILITY MAY INCREASE DUE TO THE
RETURNING REGION NEAR N14.

C. 28 DAY FORECAST FOR JULY 06-AUGUST 02, 1968 CLN SOLAR
ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL JULY 11-24.

D. THE DAILY FORECAST FOR JULY 06-08 AND EXPECTED MEAN FORECAST
FOR JULY 09-12, 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 2-5-5 /10/

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

PROTON EVENTS 1-1-1 /1/

10.7 CM-FLUX TODAY IS 116. PREDICTED 120-122-125 /130/

BT

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PP KGFF
DE BOU 052310Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 948B ISSUED 2300Z JULY 5 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. A SECOND REGION CMMA NOW VISIBLE NEAR N11EL CMMA SPANS APPROXIMATELY 4 DEGREES IN LATITUDE. IT HAS A CLASS/AREA OF H/200. LIME ACTIVITY /POSSIBLE LOOP PROMINENCES/ ASSOCIATED WITH THIS SPOT GROUP AS WELL AS PIONEER SATELLITE DATA INDICATE THAT IT IS IN A DEVELOPING STAGE. THE ACTIVE PROMINENCES OBSERVED IN THE VICINITY OF THIS REGION PRODUCED GROUPS OF INTENSE FAST-DRIFT RADIO NOISE BURSTS AT METER WAVELENGTHS.

B. MAJOR FLARES ARE NOT ANTICIPATED FROM THE NE GROUP CMMA HOWEVER CMMA OPTICAL EVENTS AS LARGE AS IMPORTANCE 1B ARE EXPECTED DURING THE FIRST AND SECOND DAYS OF THE FORECAST PERIOD.

FORECASTS FOR JULY 6-8

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 10/15/10
IMPORTANCE THREE OR GREATER 1/1/1
PROTON EVENTS 1/1/1

SECTION D REMAINS UNCHANGED FROM SDF 948A.

E. MAGNETIC A-FREDERICKSBURG FOR JULY 4 WAS 14. FOR JULY 5 ABOUT 11.
PREDICTED AP 8-12/UNDER 10/3-12.

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