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DE BOU 021710Z

- HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 976A ISSUED 1700Z AUGUST 02 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD JULY 25-AUGUST 2, 1968 CLN SOLAR
FLARE ACTIVITY REMAINED LOW DURING THIS PERIOD WITH NO CONFIRMED
FLARES OF IMPORTANCE TWO OR GREATER. THE REGION NEAR S20W78 ON
JULY 26, DISCUSSED IN SDFR882, APPEARED TO DECLINE TO WEST LIMB
PASSAGE JULY 27 AND PRODUCED NO SIGNIFICANT ACTIVITY. SINCE JULY
27 THE DISK HAS BEEN DOMINATED BY TWO REGIONS, NOW NEAR N14W36
AND N07W38. THE N07 REGION WAS BORN JULY 27 AND GREW RAPIDLY TO
E/320 ON AUGUST 1. THE N14 REGION HAS BEEN RELATIVELY STABLE IN
AREA BUT HAS UNDERGONE CONSIDERABLE STRUCTURAL CHANGE. A LARGE
J-TYPE SPOT GROUP ROTATED INTO VIEW NEAR N12 LATE AUGUST 1. THE
PLAGE HERE IS NOT BRIGHT AND HAS GIVEN RISE TO ONLY MINOR LIMB
ACTIVITY.

B. FORECAST FOR THE WEEK AUGUST 3-9, 1968 CLN CORPUSCULAR
RADIATION DATA FROM THE PIONEER 6 AND 7 SPACECRAFTS INDICATE
THAT NO LARGE CENTERS OF ACTIVITY ARE DUE TO RETURN DURING THIS
PERIOD. OF THOSE SPOT GROUPS CURRENTLY ON THE DISK ONLY THE
REGION NEAR N14W36 IS EXPECTED TO CONTINUE TO EVOLVE, PRODUCING
A SERIES OF IMPORTANCE ONE FLARES IN THE PROCESS. THE DEVELOPMENT
OF A NEW COMPLEX IS ANTICIPATED IN THE VICINITY OF N10E80.

C. 28 DAY FORECAST FOR AUGUST 3-31, 1968 CLN AN ENHANCED LEVEL
OF SOLAR ACTIVITY IS EXPECTED DURING THE PERIOD AUGUST 6-12.

D. THE DAILY FORECAST FOR AUGUST 3-5 AND EXPECTED MEAN FORECAST
FOR AUGUST 6-9, 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 10-5-2 /10/
IMPORTANCE THREE OR GREATER 1-1-1 /1/

PROTON EVENTS 1-1-1 /1/

OTTAWA 10.7 CM FLUX TODAY IS 130. PREDICTED 134-136-134 /130/.

BT

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THIS IS THE MESSAGE FOR REFILE

- FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
- SDF NUMBER 976B ISSUED 2300Z AUG 2 1968
- NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.
- A. A LARGE RETURNING (CLASS H/420) REGION AT N13E83 APPEARS STABLE AT THE PRESENT TIME. SATELLITE DATA INDICATES THE REGION HAS BEEN RELATIVELY QUIET FOR THE PAST 5HDAYS. HA SMALL BUT RAPIDLY GROWING REGION HAS APPEARED ON THE DISK AT S21W28. OTHER REGIONS ON THE DISK ARE UNCHANGED FROM SDF 976A.
- SECTIONS B C AND D REMAIN UNCHANGED FROM SDF OUYA.
- E. MMAGNETIC A-FREDERICKSBURG FOR AUG 1HWAS 3. FOR AUG 2 ABOUT TM PREDICTED AP ALL UNDER 10.

BT