

NNNNUUUV

PP KGFF

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

Z

NNNNUUU

PP KGFF

DE BOU 022300Z

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 5 HOURS. A 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 976A.
E. MAGNETIC A-FREDERICKSBURG FOR AUG 1H WAS 3. FOR AUG 2 ABOUT 10
PREDICTED AP ALL UNDER 10.
BT