

VSSUM AMNNNNNVQNNNNNUUV
PP KGFF
DE BOU 261710Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 969A ISSUED 1700Z JULY 26 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD JULY 18-26, 1968 CLN THIS PERIOD WAS CHARACTERIZED BY AN UNUSUALLY LOW LEVEL OF ACTIVITY. IN THE SOUTHERN HEMISPHERE TWO REGIONS NOW CENTERED NEAR W25 AND W68 WERE BORN ON THE DISK JULY 19 AND 21 RESPECTIVELY. EACH OF THESE TWO SPOT GROUPS GREW RAPIDLY TO MODERATE SIZE WITH THE MOST WESTERLY REGION EXHIBITING A POSSIBLE MIXTURE OF POLARITIES ON THE 25TH. A NEW CLUSTER OF SPOTS ROTATED INTO VIEW JULY 24 NEAR N17. IT WAS MEASURED AS D/320 JULY 25 AND IT APPEARS TO BE STABLE. ON THE 22ND THE EARTH'S MAGNETIC FIELD WAS SLIGHTLY DISTURBED FOR APPROXIMATELY 24 HOURS.

B. FORECAST FOR THE WEEK JULY 27-AUGUST 2, 1968 CLN THE MAJOR CENTER OF ACTIVITY DURING THE JULY 6-12 PERIOD IS DUE TO RETURN TO THE EAST LIMB AUGUST 1. AS YET IT IS TOO EARLY TO DEFINITELY STATE FROM PIONEER 6 COSMIC RAY DATA WHETHER OR NOT THIS BAND OF LONGITUDES HAS SPAWNED A NEW ACTIVE REGION. THE LOW COUNTING RATES OBSERVED ON BOARD THIS SPACECRAFT THROUGH JULY 24 INDICATE THAT ANY SPOT GROUP APPEARING ON OR BEFORE THE 30TH MUST BE IN AN EARLY STAGE OF DEVELOPMENT. IMPORTANCE ONE FLARES ARE THE LARGEST EVENTS EXPECTED FROM THE TWO SOUTHWEST GROUPS. MOREOVER, THE REGION JUST INSIDE THE EAST LIMB NEAR N17 SHOULD NOT PRODUCE MAJOR ACTIVITY DUE TO THE PAST HISTORY OF ITS PARTICULAR CAR-RINGTON LONGITUDE.

C. 28 DAY FORECAST FOR JULY 27-AUGUST 24, 1968 CLN THE PERIOD AUGUST 6-12 IS EXPECTED TO BE ABOVE AVERAGE IN THE LEVEL OF ACTIVITY.

D. THE DAILY FORECAST FOR JULY 27-29 AND EXPECTED MEAN FORECAST FOR JULY 30-AUGUST 2, 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

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

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

PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY IS 150. PREDICTED 152-146-143 /150/

BT

NNNNUUUV

PP KGFF

DE BOU 262300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 969B ISSUED 2300Z JULY 26 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 969A.

E. MAGNETIC A-FREDERICKSBURG FOR 25HJULY WAS 06.HFOR 26 JULY
ABOUT 08. PREDICTED AP ALL UNDER 10.

BT