

UUUV
PP KGFF
DE BOU 171730Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 991A ISSUED 1700Z AUGUST 17 1968

NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 6 HOURS.

A. THE CURRENT LACK OF SOLAR ACTIVITY CONTINUES. OVER THE PAST 18 HOURS THE LARGEST GROWTH AND DEVELOPMENT HAS OCCURRED WITHIN THE E/370 SPOT GROUP NOW CENTERED ABOUT A S10E30 POINT ON THE DISK. THERE THE FOLLOWING PORTION HAS REORGANIZED, IF NOT GROWN, INTO FOUR DISTINCT SEGMENTS. OBSERVATIONS IN ABSORPTION UNDER POOR SEEING CONDITIONS INDICATE THAT THIS REGION'S HYDROGEN PLAGE HAS DECREASED IN AREA. SUCH IS THE CASE TOO FOR THE COMPLEX CENTER NEAR S14E05. IN CONTRAST TO YESTERDAY'S SPECTACULAR ACTIVE PROMINENCE DISPLAYS, BOTH LIMBS TODAY ARE QUIET. DECAMETRIC CONTINUUM, I. E., CONTINUUM RADIATION COMPOSED OF MASSIVE NUMBERS OF TYPE III BURSTS, HAS BEEN RECORDED ONCE AGAIN SINCE SUNRISE IN BOULDER. IT IS EXPECTED TO CONTINUE AS THE S14E05 REGION CROSSES CENTRAL MERIDIAN.

B. THE TWO LARGE REGIONS IN THE SE ARE THE MOST PROMISING SOURCES FOR AN ISOLATED IMPORTANCE TWO FLARE. A SLIGHT INCREASE IN FLARE ACTIVITY IS EXPECTED DURING THE LAST TWO DAYS OF THE FORECAST PERIOD.

FORECASTS FOR AUGUST 18-20

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 5/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 165. PREDICTED 160/158/157.

BT

NNNNVV
PP KGFF
DE BOU 172300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 991B ISSUED 2300Z AUG 17 1968

NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

A. THE METER WAVELENGTH CONTINUUM FIRST REPORTED IN SDF 990B WAS INCORRECTLY REFERRED TO AS SYNCHROTRON EMISSION. THE CHARACTER OF THE TRACE IS NOT THAT OF TYPE IV CONTINUUM BUT OF A MYRIAD TYPE III THE SOURCE OF WHICH IS BELIEVED TO BE A PLASMA PROCESS. AN INCREASE IN MAGNETIC ACTIVITY OF THE SAME ORDER OF MAGNITUDE AND DURATION IS EXPECTED TOMORROW AS A RESULT OF YESTERDAYS WEST LIMB PROMINENCE ACTIVITY.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 991A.

E. MAGNETIC A-FREDERICKSBURG FOR 16 AUG WAS 22. FOR 17 AUG ABOUT 28. PREDICTED AP 19-24/16-21/8-12.

BT

18 19 20

Now expect 22.1.19. 19.1.19. / 21.6

Time 18-23/19.1.19. / 18-18

NNNN