

UV  
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 REGIONS HYDROGEN PLAGE  
HAS DECREASED IN AREA. SUCH IS THE CASE TOO FOR THE COMPLEX CENTER  
NEAR S14E05. IN CONTRAST TO YESTERDAYS SPECTACULAR ACTIVE PROM-  
INENCE 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

NNNUV  
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 ~21 w. 18 17m10 / ~16

Type 18-23/Um10/18-18

NNNW