

NNNN1701

NNNN

KMSC

PP KGFF

DE BOU 081700Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 347A ISSUED 1700Z 08 AUGUST 1969

ONLY CLASS C FLARES EXPECTED DURING THE NEXT SIX HOURS.

A. HIGHLIGHTS FOR THE PERIOD 01-07 AUGUST 1969 CLN  
SOLAR FLARE ACTIVITY INCREASED SLIGHTLY DURING THE FIRST PORTION  
OF THE WEEK. A NEW BIPOLAR REGION AT S11(L126) WAS BORN 01  
AUGUST IN CLOSE PROXIMITY TO THE S07(L124) OLDER REGION. FOUR CLASS  
M FLARES WERE REPORTED ON 01 AUGUST, AND THREE ON 02 AUGUST. BY  
MIDWEEK, THE REGIONS HAD RESOLVED INTO TWO BIPOLAR REGIONS, AND  
ONLY MINOR ACTIVITY WAS OBSERVED. THE REGION REACHED WEST LIMB  
TODAY. ALL OTHER REGIONS WERE QUIET DURING THE WEEK, BUT BIRTH OF  
MANY NEW GROUPS(ALL OF WHICH ARE STILL SMALL) MAY BE SIGNIFICANT  
FOR NEXT ROTATION. SOME GEOMAGNETIC DISTURBANCE WAS RECORDED  
DURING THE EARLY HOURS OF 4 AUGUST (GREENWICH TIME), BUT NEVER  
REACHED STORM LEVEL.

B. FORECAST FOR THE WEEK 09-16 AUGUST 1969 CLN  
FLARE ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE  
NEXT WEEK.

28-DAY FORECAST FOR 09 AUGUST - 06 SEPTEMBER 1969 CLN  
SOLAR ACTIVITY IS EXPECTED TO BE ENHANCED DURING THE PERIOD  
20-29 AUGUST.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 08/1700Z ENDING 11/1700Z.

CLASS M OR GREATER 25/20/20

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 148. PREDICTED 135/125/118.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 01. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3; 1/1/1/1/1/1/1/1.

SOLTERWARN

BT

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 347B ISSUED 2300Z 08 AUGUST 1969  
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

- A. HO HUM, ALL IS QUIET ON THE SUN  
AND LIKELY TO REMAIN THAT WAY  
FOR MANY ANOTHER DAY.
- B. PARTS B AND C REMAIN UNCHANGED FROM SDF 347A.  
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 146. PREDICTED 135/125/118.  
E. MAGNETIC A-FREDERICKSBURG FOR 07 AUG WAS 09. FOR 08 AUG ABOUT 10.  
PREDICTED AP FOR 09-11 AUG, 10/10/10.
- \*

\* WRITE ON ?  
-LOG  
8/8 12:58

KMSC PP KGFF  
DE BOU 082315Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 347B ISSUED 2300Z 08 AUGUST 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. SMALL SPOT REGIONS CONTINUE TO APPEAR AND DISAPPEAR ON A TIME  
SCALE LESS THAN THE ROTATION PERIOD. FOUR NEW GROUPS APPEARED TODAY  
AND THREE DISAPPEARED. ONLY THE NEW REGION AT N10W35 SEEMS ASSOCIATED  
WITH BRIGHT PLAGE. ALL OTHER REGIONS HAVE BEEN STABLE. SMALL ELECTRON  
PRECIPITATION EVENTS HAVE BEEN REPORTED THE LAST TWO DAYS, BEGINNING  
07/1110Z AND 08/1030Z, AS EVIDENCED BY MAGNETOMETER AND RIOMETER DATA  
FROM THE AURORAL ZONE.

SECTIONS B AND C ARE UNCHANGED FROM SDF 347A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 146.

E. MAGNETIC A-FREDERICKSBURG FOR 07 AUG WAS 09. FOR 08 AUG ABOUT 07.  
PREDICTED AP FOR 09-11 AUG 8/3/8.

BT