

NNNN1701

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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.

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 8/8/8.

BT