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PP KGFF

DE BOU 201715Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 298A ISSUED 1700Z 20 JUNE 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. HIGHLIGHTS FOR THE PERIOD 13 JUNE-19/2300Z JUNE 1969 CLN

SOLAR ACTIVITY DECREASED SHARPLY AFTER WEST LIMB TRANSIT OF

THE LARGE, COMPLEX AND STABLE REGION AT S14W90(L089) ON

17/0000Z JUNE. PRIOR TO WEST LIMB PASSAGE, THE REGION PRODUCED

CLASS M FLARES ON 14/2036Z(2N), 15/0333Z(1N), AND 16/2021Z(SB).

AN INTERESTING CLASS M FLARE, IMPORTANCE 2N, WAS OBSERVED AT

S27E70(L336) AT 13/1556Z IN A REGION VOID OF SUNSPOTS. CURRENTLY,

A GROWING COMPLEX OF REGIONS IS CENTERED AT N08E02 AS OF 19/1350Z

JUNE. THIS REGION HAS PRODUCED NUMEROUS CLASS C SUBFLARES AND

SMALL IMPORTANCE ONE FLARES ON 18-19 JUNE. THE COMPLEX CONSISTS

OF A C-TYPE/320, E-TYPE/120 AND A B-TYPE/010 SUNSPOT GROUPS WITH

MODERATELY BRIGHT PLAGE JOINING THE SUNSPOT AREAS. THE GEOMAG-

NETIC FIELD WAS SLIGHTLY DISTURBED ON 16-17 JUNE.

B. FORECAST FOR THE WEEK 21-26 JUNE 1969 CLN

NO CLASS X FLARES ARE EXPECTED DURING THE WEEK. A FEW CLASS M

FLARES ARE ANTICIPATED FROM THE ACTIVE NORTH-CENTRAL COMPLEX

WHICH IS EXPECTED TO DEVELOP IN COMPLEXITY.

28-DAY FORECAST FOR 21 JUNE-19 JULY 1969 CLN

SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE TO LOW DURING THE

FIRST HALF OF THE ABOVE PERIOD. THE NUMBER OF FLARES SHOULD AGAIN

INCREASE AFTER JULY 2. THIS DATE REPRESENTS THE APPROXIMATE

REAPPEARANCE AT EAST LIMB OF THE ACTIVE CENTERS NEAR L080.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR

PERIODS BEGINNING 20/1700Z ENDING 23/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX TODAY IS 140. PREDICTED 140/142/144.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24

HOURS PER KP 15.3; 2/2/2/2/2/2/2/2.

SOLTERWARN

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DE BOU 202300Z
HERE IS THE MESSAGE FOR PEFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 298B ISSUED 20 JUNE 1969
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS
A. THE REGION AT N08W16 CONTINUES TO BE THE MOST DYNAMIC
FEATURE ON THE SUN. ACTIVITY HAS CONSISTED OF SUBFLARES AND
POINT BRIGHTENINGS TO THE NORTH AND SOUTH OF THE FAIRLY ACTIVE
DARK FILAMENT IN THE EASTERN PORTION OF THE PLAGE AREA. AN
IMPORTANCE 1N, CLASS C FLARE, WAS OBSERVED AT N09W14 AT
20/1328Z. SPOT GROWTH IN THIS COMPLEX HAS SLOWED CONSIDERABLY.
PARTS B, C, AND D REMAIN UNCHANGED FROM SDF 298A.
E. MAGNETIC A-FREDERICKSBURG FOR 19 JUNE WAS 07. FOR 20 JUNE
ABOUT 14. PREDICTED AP FOR 21-23 JUNE 8/10/10.
SOLTERWARN
BT