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PP KGFF
DE BOU 191735Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 205A ISSUED 1700Z MARCH 19 1969
CLASS M ARE EXPECTED WITH CLASS X FLARES POSSIBLE DURING THE
NEXT 12 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A SURPRISINGLY LOW LEVEL DURING
THE PAST 18 HOURS WITH ONLY CLASS C FLARES BEGIN REPORTED. THE
SPOT STRUCTURE IN ALL OF THE NE QUADRANT REGIONS HAVE CHANGED
LITTLE WITH THE EXCEPTION OF THE SPOTS AT N22E37 WHICH HAVE
MERGED SINCE YESTERDAY. MINOR SPOT GROWTH HAS OCCURRED AT N13
E09. THE UMBRA AT N22E37 APPEARS VERY DARK IN H-ALPHA WITH
HIGH FIELD STRENGTHS. ALL OTHER REGIONS ARE STABLE. AN IMPORTANCE
IF OCCURRED AT 19/1451Z AT N13E03.

B. THE REGIONS AT N13E09 AND N22E37 APPEAR UNDIMINISHED IN
MAJOR FLARE POTENTIAL.

FORECASTS FOR MARCH 20-22

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
CLASS M OR GREATER 90/90/90

CLASS X 40/40/40

PROTON EVENTS 30/30/30

D. OTTAWA 10.7 CM FLUX TODAY IS 210. PREDICTED 205/200/195.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3; 2-2-2-2-1-1-1.

BT

NNNNUUUV
PP KGFF
DE BOU 192320Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 205B ISSUED 2300Z 19 MARCH 1969
CLASS X FLARES ARE EXPECTED IN THE NEXT 12 HOURS
A. A PRECIPITOUS INCREASE IN 10 CM RADIO FLUX, IN ASSOCIATION
WITH THE BEGINNING OF A METRIC TYPE I NOISE STORM /BEGINNING
19/1742Z/ HAS BEEN OBSERVED. MINOR FLARE ACTIVITY HAS BEEN
REPORTED AT A HIGH RATE IN ALL OF THE NORTHEAST REGIONS. CHANGES
IN FINE STRUCTURE OF SPOTS AND PLAGE IN THE REGION AT N22E31
HAVE BEEN NOTABLE. FURTHER, THE REGIONS HAVE SHOWN CONSIDERABLE
SYMPATHETIC INVOLVEMENT, WITH FLARES IN THE MENTIONED REGION
EXCITING SYMPATHETIC BRIGHTENINGS IN THE REGION AT N20E39. A
GEOMAGNETIC STORM BEGAN WITH A SUDDEN COMMENCEMENT AT 19/1959Z.
B. CLASS X FLARES ARE EXPECTED FROM THE REGION AT N22E31. CLASS
M FLARES ARE EXPECTED FROM THE REGIONS AT N13E03 AND N14W09.
THE PROBABILITIES IN PART C ARE AMENDED FOR REASONS CITED ABOVE.

FORECASTS FOR ~~20-22 MARCH~~

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 50/50/50

D. OTTAWA 10.7 CM FLUX AT 2000Z WAS 221. PREDICTED ~~225/210/200~~.

E. MAGNETIC A-FREDERICKSBURG FOR 18 MAR WAS 12. FOR 19 MAR
ABOUT 15. PREDICTED 45/20/10.

F. N/A.

SOLTERWARN

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