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PP KGFF
DE BOU 201725Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 206A ISSUED 1700Z MARCH 20 1969

CLASS X FLARES ARE EXPECTED IN THE NEXT 12 HOURS.

A. SOLAR ACTIVITY IS CURRENTLY AT A LOW LEVEL. IT APPEARS THAT THE MOST ACTIVE REGION NOW IS LOCATED AT N13W08. THE REGION AT N23E22 IS STILL AN INFERRED DELTA MAGNETICALLY AND HAS PLAGE ALONG THE NEUTRAL LINE THAT EXTENDS FROM N21E12 THROUGH THE PENUMBRA AT N23W33. THIS REGION APPEARS HOT IN SEVERAL PORTIONS. A BIPOLAR REGION IS NOW GROWING AT S13W42, BUT STILL IS SMALL IN SPOT AREA. DEKAMETRIC RADIO CONTINUUM WAS OBSERVED FROM 1500Z TO 1600Z. THE GEOMAGNETIC FIELD IS CURRENTLY SLIGHT DISTURBED AND IS EXPECTED TO CONTINUE FOR 12 HOURS. TWO OPTICAL IMPORTANCE IF FLARES WERE OBSERVED AT N20E20 IN PROGRESS AT 20/1550Z AND N12W08 AT 20/1631Z.

B. THE ACTIVE REGION AT N13W08 IS EXPECTED TO PRODUCE CLASS M FLARES. THE REGION AT N23E22 IS CAPABLE OF PRODUCING CLASS X EVENTS BASED ON THE ABOVE DISCUSSION.

FORECASTS FOR MARCH 21-23

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 TODAY IS 228. PREDICTED 215/205/195.

E. N/A

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

BT

UUU
PP KGFF
DE BOU 202315Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 206B ISSUED 2300Z 20 MARCH 1969
CLASS X FLARES ARE EXPECTED IN THE NEXT 12 HOURS
A. THE REGIONS CURRENTLY AT N12W10 AND N21E17 ARE REPORTED AS
BETA/GAMMA TYPES. THE LATTER REGION IS THOUGHT TO HAVE A STRONG
DELTA ON ITS SOUTHEASTERN CORNER. IN ADDITION TO THE IMPORTANCE
ONE FLARES LISTED IN SDF 206A, ONE ADDITIONAL TENTATIVE CLASS
C /IMPORTANCE ONE/FLARE WAS OBSERVED AT N12W08 BEGINNING 20/2146Z.
MINOR X-RAYS WERE ASSOCIATED WITH THIS FLARE, AND A SMALL SWF
RESULTED. THE GEOMAGNETIC FIELD IS DISTURBED.
PARTS B, C, D, AND F ARE UNCHANGED FROM SDF 206A.
E. MAGNETIC A-FREDERICKSBURG FOR 19 MAR WAS 16 FOR 20 MAR
ABOUT 19. PREDICTED AP FOR 21-23 MAR 15/10/10.
SOLTERWARN
BT