

NNNNUUUV
PP KGFF
DE BOU 311730Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 217A ISSUED 1700Z 31 MARCH 1969

CLASS X FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL THE PAST 12 HOURS.
THE REGION AT N10E28 APPEARS TO BE BREAKING UP INTO MANY SMALL
SPOTS. HOWEVER, THIS REGION STILL SHOWS BRIGHT POINTS AND LINES
WITH SPOT GROWTH JUST SOUTH OF THE MAIN SPOTS. ANOTHER PROTON
ENHANCEMENT HAS BEEN OBSERVED AS A PHASE ADVANCE ON THE ALDRA-
FT. MONMOUTH VLF PATH STARTING 31/0250Z. SATELLITE DATA SHOW
A SLIGHT ENHANCEMENT IN THE 3-20 MEV AND GREATER THAN 25 MEV
STARTING AT 31/1100Z. THE THULE 30 MHZ RIOMETER SHOWS A SLIGHT
INCREASE IN ABSORPTION STARTING 31/0200Z. THE GEOMAGNETIC
FIELD IS CURRENTLY SLIGHTLY DISTURBED.

B. THE LARGE COMPLEX REGION AT N10E28 HAS THE POTENTIAL FOR MAJOR
FLARE PRODUCTION.

FORECASTS FOR 01-03 APRIL

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 80/80/80

CLASS X 50/50/50

PROTON EVENTS 50/50/50

D. OTTAWA 10.7 CM FLUX TODAY IS 185. PREDICTED 190-190-185.

E. N/A.

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

KP 15.3; 2,2,2,2,2,2,2,2.

SOLTERWARN

BT

NNNNUUU
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DE BOU 312300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 217B ISSUED 2300Z 31 MARCH 1969
CLASS X FLARES ARE PROBABLE DURING THE NEXT 12 HOURS.
A. ONLY CLASS C SUPFLARES HAVE BEEN REPORTED THE PAST 6 HOURS. THE
REGION AT NI0E22 IS A F-TYPE SPOT GROUP WITH AN AREA OF 1,700
MILLIONTHS, BUT SO FAR HAS SHOWN LITTLE ACTIVITY IN TERMS OF FLARE
PRODUCTION. PROTONS ARE STILL BEING DETECTED. THULE REPORTED A
MAXIMUM ABSORPTION OF 1.5 DB AT 31/1240Z. THE GEOMAGNETIC FIELD
REMAINS SLIGHTLY DISTURBED.
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 217A.
E. MAGNETIC A-FREDERICKSBURG FOR 30 MARCH WAS 14. FOR 31 MARCH
ABOUT 16. PREDICTED AP FOR 1-3 APRIL 20/15/10.
BT

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