

KMSC
PP KGFF
DE BOU 041730Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 404A ISSUED 1700Z OCTOBER 4 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT SIX HOURS

A. LITTLE CHANGE IS REPORTED IN THE REGION AT S12W23, ASIDE FROM MINOR GROWTH IN TRAILING PORTION. MIXED MAGNETIC POLARITIES ARE REPORTED IN TWO POSITIONS. ONE IS AN ISOLATED SPOT SLIGHTLY NORTH OF THE LARGE, MOST WESTERLY LEADER, AND THE OTHER POSITION IS BACK IN THE EXTREME TRAILING PORTION. AS OF NOW, NO PENUMBRAL GROWTH TOWARD DELTA CONFIGURATION HAS BEEN REPORTED, AND STABILITY AS EVIDENCED BY LACK OF MINOR FLARE ACTIVITY IS BEING MAINTAINED. ON THE NW LIMB, SOME PROMINENCE ACTIVITY IS REPORTED. A NEW REGION IS REPORTED AT S12EL, AND ONE IS EXPECTED AT N08EL.

B. CLASS C FLARES ARE EXPECTED. S12W23 MAY QUICKLY BECOME MAJOR FLARE PRODUCER IF RENEWED GROWTH OCCURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 OCT/1700Z ENDING 06 OCT/1700Z.

CLASS M OR GREATER 45/45/50

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX TODAY AT 1700Z WAS 132. PREDICTED 128/124/113.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 3/3/3/3/2/2/2/2.

SOLTERWARN

NNNN2250
NNNN
KMSC
PP KGFF
DE SOU 042300Z
THIS MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 404B ISSUED 2300Z 04 OCTOBER 1969
CLASS C FLARES ARE EXPECTED IN THE NEXT 18 HOURS.
A. VISUAL OBSERVATION HAS BEEN LIMITED TO ONLY A FEW OBSERVATORIES
DUE TO CLOUDS AND SNOW. THE REGION AT S12W25 HAS SPLIT INTO TWO
UMBRAL WITH A BREAK IN PENUMBRA TO THE SOUTH. THE REGION AT N17E10
HAS INCREASED IN THE NUMBER OF SPOTS. A NEW REGION HAS ROTATED ON
THE DISK AT S18E78, AND A REGION IS STARTING TO APPEAR AT NORTH EAST
10. NO RADIO OR EXRAY BURSTS HAVE BEEN REPORTED DURING PAST 6 HOURS.
MAGNETIC FIELD IS SLIGHTLY DISTURBED.
SECTIONS B AND C REMAIN UNCHANGED FROM SDF 404A.
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 132. PREDICTED 130/128/126.
E. MAGNETIC A-FREDERICKSBURG FOR 03 OCT WAS 14. FOR 04 OCT ABOUT 07.
PREDICTED AP FOR 05-07 OCT ALL UNDER 10.

NOTE..2300Z SDF OF 03 OCT 1969 SHOULD HAVE READ 403B RPT 403B.
BT

NNNN2300

1