

NNNN

KBOU

HAUS BOU 180400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 108A ISSUED 0400Z 18 APRIL 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. THE REGION N20E10 IS THE MOST ACTIVE AND ALSO THE MOST IMPRESSIVE LOOKING DISK FEATURE. THE REST OF THE REGIONS ARE STABLE AND QUIET. THE GEOMAGNETIC FIELD IS QUIET BUT HAS HAD PERIODS OF MINOR DISTURBANCE.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. CLASS C FLARES CAN BE EXPECTED FROM REGION N20E10. THE GEOMAGNETIC FIELD WILL HAVE SHORT PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 APRIL/0400Z ENDING 21 APRIL/0400Z.

CLASS M OR GREATER 35/35/35

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUXEX FOR 17/1700Z AND 17/2000Z WERE BOTH 139. THE 1700Z FORECAST FOR 17 APRIL SHOULD HAVE BEEN 107B.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HAUS BOU 181720

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 108B ISSUED 1700Z 18 APRIL 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. A RETURNING REGION, LOCATION S12E75, CONSISTS OF D TYPE SPOTS WITH SMALL MODERATELY COMPACT PLAGE. OTHER DISK REGIONS HAVE SHOWN LITTLE CHANGE.

B. NO CHANGE IS EXPECTED TO OCCUR IN PRESENT ACTIVITY LEVELS. SUBFLARES CAN BE EXPECTED FROM S12E75, N20E02 AND S17W02.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 APR/1700Z ENDING 21 APR/1700Z.

CLASS M OR GREATER 35/35/35

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 18/1400Z WAS 134. PREDICTED 10.7 CM FLUX FOR 19-21 APR IS 133/132/131.

E. MAGNETIC A-FREDERICKSBURG FOR 18 APRIL WAS 06. FOR 19 APRIL ABOUT 05 PREDICTED AP FOR 19-21 APR, 05/05/05.

SOLTERWARN

SPAN

BT