

NNNN

KBOU

HAUS BOU 290400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 088A ISSUED 0400Z 29 MARCH 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. THE REGION S19E30 CONTINUES TO BE THE MOST INTERESTING AND THE BRIGHTEST DISK FEATURE. A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED FROM THE REGION S19E30. THE LARGE PROMINENCE ON THE EAST LIMB DISAPPEARED. THE OTHER DISK REGIONS ARE ALL QUIET AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LOW LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 MARCH/0400Z ENDING 01 APRIL/0400Z
CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 28/1700Z AND 28/2000Z WERE 107 AND 106 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HAUS BOU 291725

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 088B ISSUED 1700Z 29 MARCH 1971

FLARE ACTIVITY DURING THE NEXT 11 HOURS IS EXPECTED TO BE
CONFINED TO CLASS C EVENTS

A. SIX SUBFLARES HAVE BEEN REPORTED SINCE THE LAST MESSAGE
WITH THE MAJORITY OF THESE EVENTS ORIGINATING FROM THE SMALL
D-TYPE REGION NEAR S16E20. THE MOST ENERGETIC FLARE AND ALSO
THE MOST RECENT WAS AN M1 EVENT /OPTICALLY SB/ BEGINNING ABOUT
1412Z AT S15E22. THE BRIGHT PLAGE APPARENTLY BISECTED THE
SMALL DELTA CONFIGURATION KNOWN TO EXIST WITHIN THE LEADING
PENUMBRA. ASSOCIATED RADIO AND IONOSPHERIC EFFECTS WERE
MINIMAL. NEW PLAGE HAS FORMED AT THE EASTERN END OF THE
FILAMENT NORTH OF THE S16E20 COMPLEX. THIS GROWTH MARKS THE
ONLY SIGNIFICANT MORPHOLOGICAL CHANGE ACROSS THE DISK IN THE
PAST 24 HOURS.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 29 MAR/1700Z ENDING 01 APR/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 29/1400Z WAS 105. PREDICTED 10.7CM
FLUX FOR 30 MAR-01 APR IS 107/108/109.

E. MAGNETIC A-FREDERICKSBURG FOR 28 MAR WAS 02. FOR 29 MAR
ABOUT 03. PREDICTED AP FOR 30 MAR-01 APR IS 05/08/08.

SOLTERWARN

SPAN

BT