

NNNN

KMSC

HAUS BOU 280400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 824A ISSUED 0400Z 28 NOVEMBER 1970

CLASS C ACTIVITY CAN BE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE PAST 11 HOURS. CLOUDS AND/OR RAIN HAVE PREVENTED MOST OBSERVATORIES FROM VISUAL PATROL. VERY LITTLE ACTIVITY HAS BEEN OBSERVED ON SOLAR RADIO OBSERVATIONS. THE REGIONS ON THE DISK ARE STABLE. THE NORTH EAST REGIONS HAVE BEEN ASSESSED AS SIMPLE SPOT GROUPS. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED.

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

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 NOV/0400Z ENDING 01 DEC/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 27/1700Z AND 27/2000Z WERE 139 AND 145 RESPECTIVELY.

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HAUS BOU 281700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 824B ISSUED 1700Z 28 NOV 1970

ONE OR TWO SMALL M EVENTS ARE ANTICIPATED DURING THE NEXT 24 HOURS.

A. ASIDE FROM THE LARGE ISOLATED N18E49 SPOT AND ITS DIFFUSE PLAGE, THE DISK IN H-ALPHA IS NEARLY FEATURELESS. ONE M1 EVENT, AMONG ONLY 5 FLARES REPORTED SO FAR TODAY, BEGAN ABOUT 0421Z NEAR N16E62. AN APR SITUATED ALONG THE SE LIMB 13 DEGREES BELOW THE SOLAR EQUATOR EVIDENTLY MARKS THE RETURN OF ANOTHER REGION.

B. NO ENERGETIC FLARES EXCEEDING THE M3 LEVEL ARE EXPECTED WITHIN THE NEXT 24 HOURS. MOREOVER, THE N18E49 REGION SHOULD BEGIN TO BREAK APART DURING THE FORECAST PERIOD. AT THE SAME TIME SUFFICE IT TO SAY THAT GEOMAGNETICALLY BOULDER AND FREDERICKSBURG K-INDICES ARE ANTICIPATED TO BE LESS THAN OR EQUAL TO 2.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 NOV/1700Z ENDING 01 DEC/1700Z.

CLASS M OR GREATER 30/30/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 28/1400Z WAS 153. PREDICTED 10.7 CM FLUX FOR 29 NOV-01 DEC IS 157/155/148.

E. MAGNETIC A-FREDERICKSBURG FOR 27 NOV WAS 07. FOR 28 NOV ABOUT 04. PREDICTED AP FOR 29 NOV-01 DEC, 04/02/03.

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