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NNNN0354  
NNNN  
KMSC

HAUS BOU. 030400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 003A ISSUED 0400Z 03 JANUARY 1971

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

A. SOLAR ACTIVITY CONTINUED AT A VERY LOW LEVEL DURING THE PAST 11 HOURS. A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. LIMB ACTIVITY HAS CONSISTED OF A FEW SMALL BSLS ON THE NORTH EAST AND SOUTH WEST. THE REGION S13W82 IS THE MOST ACTIVE. THE GEOMAGNETIC FIELD HAS HAD PERIODS OF MINOR DISTURBANCE.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LOW LEVEL. THE GEOMAGNETIC FIELD WILL CONTINUE TO HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 JAN/0400Z ENDING 06 JAN/0400Z

CLASS M OR GREATER 40/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE 139 AND 135 RESPECTIVELY.

SOLTERWARN

SPAN

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NNNN1705

NNNN

KMSC

HAUS BOU 031700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 003B ISSUED 1700Z 03 JAN 1971

OCCASIONAL NON-ENERGETIC SUBFLARES SHOULD CHARACTERIZE  
SOLAR ACTIVITY DURING THE NEXT 11 HOURS.

A. OVERCAST CONDITIONS PREVAIL AT A NUMBER OF OBSERVATORIES.  
THE OBSERVATIONS THAT HAVE BEEN MADE INDICATE MORE ACTIVITY  
IS IN EVIDENCE ALONG THE LIMBS THAN ON THE DISK. ABOUT SEVEN  
SMALL SPOT GROUPS ARE CURRENTLY VISIBLE. NO ONE OF THESE  
FEATURES APPEARS TO BE DEVELOPING SIGNIFICANTLY. IMPORTANCE  
ONE SURGES NE05 AND SE08 IMPLY TWO SMALL SPOT GROUPS MAY  
ROTATE INTO VIEW LATER TODAY WHILE ON THE WEST LIMB BRIGHT  
SURGES MARK THE PASSAGE OF TWO REGIONS. BETWEEN 0900 AND  
1200 UT, BOULDER'S K-INDEX REACHED FIVE FOR WHAT IS APPARENTLY  
A PEAK IN THE CURRENT SECTOR-LIKE MAGNETIC DISTURBANCE IN EFFECT.

B. NO CHANGE W/R TO DISK ACTIVITY. K-INDICES SHOULD NOT EXCEED  
THREE AT LOW LATITUDE OBSERVATORIES AFTER 03/2400Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 03 JAN/1700Z ENDING 06 JAN/1700Z.

CLASS M OR GREATER 30/30/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 03/1400Z WAS 138. PREDICTED  
10.7 CM FLUX FOR 04-06 JAN IS 141/142/139.

E. MAGNETIC A-FREDERICKSBURG FOR 02 JAN WAS 19. FOR 03 JAN  
ABOUT 20. PREDICTED AP FOR 04-06 JAN, 11/07/05.

SOLTERWARN

SPAN

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