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KMSC

HAUS BOU 050400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 648A ISSUED 0400Z 05 JUNE 1970

INFREQUENT CLASS C FLARES SHOULD CHARACTERIZE THE DISK THESE
NEXT 13 HOURS.

A. THE SUNSPOT MINIMUM CONDITIONS CONTINUE WITH UNDER 10 SUBFLARES
BEING REPORTED DURING THE LAST 24 HOURS. THOSE FEATURES IN WHITE
AND MONOCHROMATIC LIGHT THAT HAVE ROTATED INTO VIEW ALONG THE SE
LIMB HAVE PROVEN TO BE SIMPLE IN STRUCTURE. BOTH THE REMAINING
SIX SPOT GROUPS AND THE GEOMAGNETIC FIELD ARE QUIET.

B. ACTIVITY IS EXPECTED TO REMAIN EXTREMELY LOW THROUGHOUT THE
NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 05 JUNE/0400Z ENDING 08 JUNE/0400Z.

CLASS M OR GREATER 35/30/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 04/1700Z AND 04/2000Z WERE 128 AND 130
RESPECTIVELY.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 648B ISSUED 1700Z 05 JUNE 1970

INFREQUENT CLASS-C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE MOST SIGNIFICANT EVENT REPORTED WAS AN IMPORTANCE-3 SPRAY AT NE16 AT 05/0439Z; THIS SPRAY EXTENDED TO AT LEAST .29 SOLAR RADIUS. THE DISK PRESENTLY IS RATHER UNINTERESTING, WITH NO SIGNIFICANT SPOT GROWTH OR OTHER DEVELOPMENT APPARENT. DEEP RIVER NEUTRON COUNTIN RATES ARE STILL SOMEWHAT DEPRESSED, AND THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A RELATIVELY LOW LEVEL DURING THE NEXT 11 HOURS. AN ACTIVE REGION ALMOST CERTAINLY EXISTS BEHIND THE NORTHEAST LIMB NEAR THE SITE OF TODAY'S IMPORTANCE-3 SPRAY, BUT EVALUATION OF THIS REGION PRESENTLY IS IMPOSSIBLE. THE GEOMAGNETIC FIELD IS EXPECTED TO SHOW OCCASIONAL PERIODS OF SLIGHT DISTURBANCE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 JUNE/1700Z ENDING 08 JUNE/1700Z.

CLASS M OR GREATER 30/40/45

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 05/1400Z WAS 129. PREDICTED 10.7 CM FLUX FOR 06-08 JUNE IS 130/133/136.

E. MAGNETIC A-FREDERICKSBURG FOR 04 JUNE WAS 07. FOR 05 JUNE ABOUT 09. PREDICTED AP FOR 06-08 JUNE IS 08/08/08.

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