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HAUS BOU 030400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 646A ISSUED 0400Z 03 JUNE 1970

NO ENERGETIC FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. FEW FLARES HAVE BEEN OBSERVED SINCE THE LAST MESSAGE. THE BRIGHTEST REGION ON THE DISK IS THE SMALL DOUBLE CLUSTER OF SPOTS CENTERED NEAR N11W41. IT IS VERY LIKELY THAT MOST OF SUBFLARES OCCURRING TODAY WILL ERUPT THERE. A FORBUSH DECREASE WHICH BEGAN ESSENTIALLY YESTERDAY IS STILL IN PROGRESS. THE COUNTS/10 MINUTES ON THE DEEP RIVER NEUTRON MONITOR ARE RUNNING BETWEEN 5 AND 6 PERCENT.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 JUNE/0400Z ENDING 06 JUNE/0400Z
CLASS M OR GREATER 45/30/30

CLASS X 05/02/02

PROTON EVENTS 05/02/02

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE 138 AND 139 RESPECTIVELY.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 646B ISSUED 1700Z 03 JUNE 1970

A LOW NUMBER OF CLASS C FLARES EXPECTED IN THE NEXT 11 HOURS

A. THE ONLY SOLAR DISK ACTIVITY RECORDED THIS PRESENT DAY HAS BEEN FIVE NONENERGETIC SUBFLARES FROM THE N08W47 REGION. ALL REGIONS ARE DECLINING WITH THE EASTERN HALF OF THE DISK DEVOID OF ANY ACTIVE CENTERS. THE GEOMAGNETIC FIELD IS QUIET.

B. THE SUN IS NOT EXPECTED TO PRODUCE ANY ENERGETIC EVENT IN THE NEXT 48 HOURS.

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

CLASS M OR GREATER 20/20/25

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 03/1400Z WAS 131. PREDICTED 10.7 CM FLUX FOR 04-06 JUNE 128/125/122.

E. MAGNETIC A-FREDERICKSBURG FOR 02 JUNE WAS 12. FOR 03 JUNE ABOUT 13. PREDICTED AP FOR 04-06 JUNE 10/08/06.

NOTE-THE "HIGHLIGHTS FOR THE PAST WEEK" WHICH HAS BEEN ISSUED AT 1700Z ON WEDNESDAY IN THE PAST IS NOW BEING ISSUED SEPARATELY. HENCEFORTH THE 1700Z WEDNESDAY MESSAGE WILL BE A REGULAR FORECAST.

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