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HAUS BOU 010500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 121A ISSUED 0500Z 01 MAY 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 17 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 12 HOURS. A FEW SCATTERED NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE LIMBS HAVE BEEN QUIET. THE REGIONS ALL APPEAR STABLE AND QUIET. THE GEOMAGNETIC FIELD WAS SLIGHTLY DISTURBED BETWEEN 30/0900-1200Z. THE GEOMAGNETIC FIELD IS NOW 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 01 MAY/0500Z ENDING 04 MAY/0500Z

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 30/1700Z AND 30/2000Z WERE 93 AND 92 RESPECTIVELY.

NOTE -- CHANGE IN SDF ISSUE TIMES- EFFECTIVE 01 MAY 1971, ON A TRIAL BASIS, THE SPACE ENVIRONMENT FORECAST CENTER WILL ISSUE FORECAST MESSAGES AT 0500Z AND 2200Z. THE 2200Z MESSAGE WILL CONTAIN THE PRIME FORECAST. THE 0500Z MESSAGE WILL SUMMARIZE SOLAR-GEOPHYSICAL CONDITIONS SINCE THE 2200Z MESSAGE AND REVISE THE BASIC FORECAST WHEN APPROPRIATE. PROBABILITY FORECASTS WILL BE ISSUED FOR UT DAYS INSTEAD OF 0400Z-0400Z OR 1700Z-1700Z PERIODS. THIS CHANGE IS BEING MADE TO PERMIT MORE COMPLETE ANALYSIS AND BETTER UTILIZATION OF THE DATA AVAILABLE BEFORE A FORECAST IS ISSUED AND SHOULD, IN THE LONG RUN, RESULT IN IMPROVED FORECASTS. THIS NEW POLICY IS BEING ADOPTED ON A TRIAL BASIS. IF THE NEW ISSUE TIMES AFFECT THE UTILITY OF THE FORECASTS TO YOU, EITHER FAVORABLY OR ADVERSELY, PLEASE LET US KNOW.

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HAUS BOU 012200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO  
SDF NUMBER 121B ISSUED 2200Z 01 MAY 1971

INFREQUENT MINOR FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED AND NO DEVELOPMENT HAS BEEN REPORTED IN ANY OF THE CURRENTLY VISIBLE REGIONS. FREQUENT MINOR SURGING HAS BEEN REPORTED ON THE NORTHEAST LIMB FROM N05 TO N15 AND PROMINENCE ACTIVITY HAS BEEN REPORTED NEARBY. THIS AREA WAS THE LOCATION LAST ROTATION OF AN ACTIVE CENTER THAT HAD BECOME DIFFUSE AND SIMPLE BY THE TIME IT ROTATED FROM VIEW TWO WEEKS AGO. THE REPORTS TODAY INDICATE THAT SOME REDEVELOPMENT HAS OCCURRED THERE BUT THE EXTENT IS UNCLEAR AT THE PRESENT TIME. THE GEOMAGNETIC FIELD HAS BEEN MOSTLY QUIET WITH ONLY SHORT PERIODS OF DISTURBANCE.

B. MINOR DISK ACTIVITY IS EXPECTED FROM A WEAKLY COMPLEX AREA AT N18E15. ENERGETIC EVENTS ARE NOT EXPECTED BUT THIS DEPENDS ON THE LEVEL OF DEVELOPMENT IN THE NE LIMB REGION. SUCH EVALUATION IS NOT LIKELY FOR ANOTHER 24-48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 MAY/0000Z ENDING 04 MAY/2400Z

CLASS M OR GREATER 10/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 01/1400Z, 01/1700Z AND 01/2000Z WERE 95, 94 AND 92 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 02-04 MAY IS 94/95/95.

E. MAGNETIC A-FREDERICKSBURG FOR 30 APR WAS 10. FOR 01 MAY ABOUT 06. PREDICTED AP FOR 02-04 MAY, 05/05/10.

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