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KMSC

HAUS BOU 240400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 667A ISSUED 0400Z 24 JUNE 1970

NON-ENERGETIC SUBFLARE ACTIVITY IS EXPECTED TO CHARACTERIZE THE NEXT 13-HOUR PERIOD.

A. THE TEN OR SO FLARES ON RECORD FOR YESTERDAYS ACTIVITY LOG WERE ALL CLASS-C EVENTS. FURTHERMORE, NO SIGNIFICANT ERUPTIONS HAVE TAKEN PLACE SINCE 23/2400Z. MAJOR STRUCTURAL CHANGES HAVE NOT BEEN OBSERVED WITHIN ANY OF THE DISK FEATURES.

B. SUCH SUNSPOT MINIMUM CONDITIONS SHOULD PERSIST FOR THE NEXT FEW DAYS AS (1) THE EAST LIMB DOES NOT APPEAR TO BE HARBORING A MAJOR ACTIVE CENTER AND (2) THE FIFTEEN SMALL SPOT GROUPS CURRENTLY VISIBLE ARE EITHER STABLE OR DECLINING.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 JUNE 0400Z ENDING 27 JUNE/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 23/1700Z AND 23/2000Z WERE 140 AND 134 RESPECTIVELY.

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HAUS BOU 241700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 667B ISSUED 1700Z 24 JUNE 1970

SMALL CLASS-C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 13 HOURS. THE ONLY ENERGETIC EVENT REPORTED SO FAR WAS A ONE-NORMAL FLARE AT 24/0607Z FROM THE REGION AT S06E73; THIS EVENT APPARENTLY WAS OF BORDERLINE CLASS-M X-RAY INTENSITY. THE SPOT GROUP AT S06E73 IS APPARENTLY A C-TYPE, AND IT HAS SHOWN ONLY INFREQUENT ACTIVITY SO FAR. A NEW REGION IS PRESENTLY CROSSING THE EAST LIMB AT NE23; SO FAR THIS REGION APPEARS TO BE RELATIVELY SMALL. THE REGIONS AT N10E25 AND N23E29 HAVE PRODUCED OCCASIONAL SUBFLARE ACTIVITY, AND SLIGHT DEVELOPMENT HAS TAKEN PLACE AT BOTH SITES. OTHER DISK REGIONS HAVE SHOWN RELATIVELY LITTLE ACTIVITY OR DEVELOPMENT. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET.

B. RELATIVELY INFREQUENT, NON-ENERGETIC FLARES ARE ANTICIPATED DURING THE NEXT 11 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY UNDISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 JUNE/1700Z ENDING 27 JUNE/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUXES FOR 23/1700Z AND 23/2000Z WERE 140 AND 138 RESPECTIVELY. (CORRECTION TO 667A FORECAST)

OTTAWA 10.7CM FLUX FOR 24/1400Z WAS 138. PREDICTED 10.7 CM FLUX FOR 25-27 JUNE IS 138/140/142.

E. MAGNETIC A-FREDERICKSBURG FOR 23 JUNE WAS 04. FOR 24 JUNE ABOUT 06. PREDICTED AP FOR 25-27 JUNE 06/06/06.

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