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KMSC Q

HAUS BOU 260400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 669A ISSUED 0400Z 26 JUNE 1970

NO ENERGETIC FLARES ARE EXPECTED DURING THE FIRST HALF OF THE DAY.

A. TWO M EVENTS OCCURRED DURING THE PAST 24 HOURS. THESE WERE (1) A CLASSIC "FILAMENT-DUMPING" 2N FLARE NEAR S08W27 AND (2) A LARGE IMPORTANCE 1B ERUPTION WITHIN THE SMALL N10E03 GROUP. START TIMES WERE 25/0703Z AND 25/1832Z RESPECTIVELY. THE SECOND FLARE WAS ACCOMPANIED BY IMPORTANCE 2 SPA'S PLUS A SMALL RADIO NOISE BURST WHICH MAXIMIZED NEAR 2700 MHZ (ABOUT 100 FLUX UNITS). ACTIVITY IN THIS REGION TODAY HAS TAKEN THE FORM OF A LARGE SUBFLARE AND IMPORTANCE 1N EVENT. THE TWO SMALL REGIONS NEAR THE SW AND SE LIMBS ARE SHOWING INFREQUENT SIGNS OF ACTIVITY. THOSE REMAINING DISK FEATURES ARE QUIET.

B. M-FLARES OF A RANDOM OR SPORADIC NATURE ARE ANTICIPATED DURING THE NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 JUNE/0400Z ENDING 29 JUNE/0400Z

CLASS M OR GREATER 45/50/55

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 25/1700Z AND 25/2000Z WERE 145 AND 144 RESPECTIVELY.

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KMSC

HAUS BOU 261730Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 669B ISSUED 1700Z 26 JUNE 1970

ONE OR TWO CLASS-M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 13 HOURS HAS BEEN AT A MODERATELY LOW LEVEL; ONLY CLASS-C FLARES HAVE BEEN REPORTED. THE LARGEST EVENT OBSERVED WAS A ONE-NORMAL FLARE AT 26/0717Z FROM THE REGION AT N09W05. CONSIDERABLE SPOT GROWTH HAS OCCURRED IN THE N23E57 AND S07E48 REGIONS; BOTH THESE REGIONS CONTAIN MODERATELY COMPACT, ENHANCED PLAGE, AND BOTH REGIONS APPEAR TO BE CONTINUING THEIR DEVELOPMENT. THE N23E57 REGION CONTAINS STRONG FIBRIL STRUCTURE AND ABSORPTION FEATURES. THE REGIONS AT N22E02 AND N09W05 HAVE SHOWN NO SIGNIFICANT DEVELOPMENT, WHILE NEW REGIONS HAVE APPEARED N12E07, N05E21, AND S18W00. OF THESE NEW REGIONS, THE N05E21 CENTER APPEARS TO BE THE MOST INTERESTING, AS IT CONTAINS MODERATELY DEVELOPED PLAGE AND ABSORPTION FEATURES. EAST LIMB ACTIVITY IN THE FORM OF SURGES SUGGESTS THAT NEW ACTIVE REGIONS SOON MAY ROTATE ONTO THE DISK AT ABOUT NE17 AND SE04. DURING THE PAST 24 HOURS THE GEOMAGNETIC FIELD HAS SHOWN OCCASIONAL PERIODS OF DISTURBANCE.

B. SPORADIC CLASS-M ACTIVITY IS LIKELY DURING THE NEXT 24 HOURS FROM THE REGIONS AT N23E57 AND S07E48; IF DEVELOPMENT CONTINUES AT ITS PRESENT RATE, THE FREQUENCY OF ENERGETIC FLARES FROM THESE TWO SITES PROBABLY WILL INCREASE SIGNIFICANTLY. THE GEOMAGNETIC FIELD IS EXPECTED TO SHOW PERIODS OF DISTURBANCE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 JUNE/1700Z ENDING 29 JUNE/1700Z.

CLASS M OR GREATER 70/80/85

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 26/1400Z WAS 141. PREDICTED 10.7 CM FLUX FOR 27-29 JUNE IS 145/147/149.

E. MAGNETIC A-FREDERICKSBURG FOR 25 JUNE WAS 06. FOR 26 JUNE ABOUT 10 PREDICTED AP FOR 27-29 JUNE, 08/08/08.

SOLTERWARN

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