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HFUS BOU 170500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 168A ISSUED 0500Z 17 JUNE 1971

INFREQUENT CLASS C FLARES ARE ANTICIPATED DURING THE NEXT
24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING
THE PAST SEVEN HOURS. PERHAPS PARTLY BECAUSE OF BAD WEATHER
AT SEVERAL OBSERVATORIES, NO FLARES OR LIMB EVENTS HAVE BEEN
REPORTED. A SMALL NEW BIPOLAR REGION HAS APPEARED AT N13W42.
SLIGHT DEVELOPMENT HAS OCCURRED IN THE RELATIVELY UNIMPRESSIVE
REGIONS AT S05E07 AND S11E04. THE S13W38 REGION HAS DECLINED
CONSIDERABLY IN WHITE LIGHT AND H-ALPHA. RELATIVELY QUIET
GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST
SEVEN HOURS.

B. DURING THE NEXT THREE DAYS, A CONTINUATION OF THE PRESENT
LOW LEVEL OF SOLAR FLARE ACTIVITY IS EXPECTED. THE GEOMAG-
NETIC FIELD PROBABLY WILL REMAIN RELATIVELY QUIET DURING THE
NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 17 JUNE/0000Z ENDING 19 JUNE/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 172200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 168B ISSUED 2200Z 17 JUNE 1971

OCCASIONAL CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. GENERAL PLAGE ENHANCEMENT WAS EXHIBITED AT S05E00 AND HAS DISPLAYED RAPID GROWTH. THE LEADER SPOT OF REGION S14W52 HAS RE-APPEARED DISPLAYING GROWTH AND THE PLAGE IS FLUCTUATING. THE AREA AT N12W52 HAS STABILIZED. RAPID DECAY HAS OCCURED AT S10W07 AND S07E36. GEOMAGNETIC CONDITIONS HAVE REMAINED AT FAIRLY QUIET LEVELS. BRIGHT SURGE ACTIVITY AT NE08 INDICATES A RETURNING REGION.

B. DURING THE NEXT 72 HOURS SOLAR ACTIVITY MAY DISPLAY A SLIGHT INCREASE ABOVE PRESENT LEVELS. THE GEOMAGNETIC FIELD WILL PROBABLY CONTINUE AT A LOW LEVEL OF DISTURBANCE WITH POSSIBLE UNSETTLED CONDITIONS IN THE NEXT 48-72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 JUNE/0000Z ENDING 20 JUNE/2400Z.

CLASS M OR GREATER 10/15/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 17/1400Z, 17/1700Z AND 17/2000Z WERE 91, 90 AND 90 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 18-20 JUNE IS 90/92/93.

E. MAGNETIC A-FREDERICKSBURG FOR 16 JUNE WAS 08. FOR 17 JUNE ABOUT 09. PREDICTED AP FOR 18-20 JUNE, 09/10/13.

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