

KBOU

HFUS BOU 130500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 164A ISSUED 0500Z 13 JUNE 1971

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

A. NO ENERGETIC SOLAR ACTIVITY HAS BEEN REPORTED DURING THE PAST SEVEN HOURS, AND ALL THE REGIONS ON THE DISK APPEAR STABLE. DEVELOPMENT SEEMS TO HAVE STOPPED IN THE REGION AT N16W07, AND THE PENUMBRA HAS DISAPPEARED FROM THE LEADING SPOT. NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED ON EITHER LIMB. THE GEOMAGNETIC FIELD IS QUIET.

B. DURING THE THREE-DAY FORECAST PERIOD, SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL, AND ONLY CLASS C EVENTS ARE ANTICIPATED. UNSETTLED GEOMAGNETIC CONDITIONS OF A RECURRENT ORIGIN MAY OCCUR DURING THE NEXT 48 TO 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 JUNE/0000Z ENDING 15 JUNE/2400Z

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 164B ISSUED 2200Z 13 JUNE 1971

LESS THAN FIVE CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. ACROSS THE DISK FLARE ACTIVITY HAS BEEN NEARLY NONEXISTENT SINCE THE LAST MESSAGE, WHILE SURGES, ACTIVE PROMINENCES, AND AN OCCASIONAL MOUND HAVE BEEN OBSERVED, AND ARE STILL IN EVIDENCE, ALONG THE S AND NW LIMBS. MORE SPECIFICALLY, THE SECTORS HOUSING THE MAJORITY OF THESE ERUPTIONS ARE NEAR SW 12, 08, NW 01, 14-18, AND 20. THE DISK CONTAINS ONLY ONE PLAGE OF ANY SIGNIFICANCE AND IT IS A SMALL, SOMEWHAT DULL STRUCTURE ABOUT N15W17.

~~RARE EVENTS~~ (BIRDS!)

B. EVEN CLASS C FLARES ARE EXPECTED TO BE RARAE AVES DURING THE NEXT THREE DAYS. NO RECURRENT GEOMAGNETIC DISTURBANCE IS ANTICIPATED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 JUNE/0000Z ENDING 16 JUNE/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 13/1400, 1700Z AND 2000Z WERE 92, 91 AND 89 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 14-16 JUNE IS 92/90/88.

E. MAGNETIC A-FREDERICKSBURG FOR 12 JUNE WAS 04. FOR 13 JUNE ABOUT 05. PREDICTED AP FOR 14-16 JUNE, 08/10/05.

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