

KBOU

HAUS BOU 100400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 100A ISSUED 0400Z 10 APRIL 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE PAST 11 HOURS ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE APR ON THE EAST LIMB HAS DISAPPEARED AND SMALL PLAGE IS VISIBLE ON THE DISK. NEW SPOTS HAVE DEVELOPED IN THE FOLLOWER PORTION OF THE REGION N16W07. THE MINOR MAGNETIC STORM IS STILL IN PROGRESS.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LOW LEVEL. THE MAGNETIC STORM WILL CONTINUE FOR ANOTHER 12 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 APRIL/0400Z ENDING 13 APRIL/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 09/1700Z AND 09/2000Z WERE 109 AND 106 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNNKM

KBOU

HAUS BOU 101700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 100B ISSUED 1700Z 10 APRIL 1971

CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 13 HOURS, AND ONLY A FEW CLASS C FLARES HAVE BEEN REPORTED. NEW ACTIVE CENTERS HAVE CROSSED THE EAST LIMB AND NOW ARE LOCATED AT N05E81 AFD S05E84. THE N05E81 REGION CONTAINS AN APPARENT D-TYPE SPOT GROUP ACCOMPANIED BY BRIGHT PLAGE, WHILE ONLY AN H-TYPE SPOT AND SCATTERED PLAGE ARE VISIBLE AT S05E84. OTHER REGIONS ARE QUIET AND UNIMPRESSIVE. THE GEOMAGNETIC STORM THAT BEGAN AT 09/0429Z HAS DECREASED CONSIDERABLY IN INTENSITY, BUT UNSETTLED CONDITIONS ARE STILL BEING OBSERVED AT THE TIME OF THIS REPORT.

B. DURING THE THREE-DAY FORECAST PERIOD, SOLAR ACTIVITY IS EXPECTED TO REMAIN NEAR THE PRESENT LOW LEVEL. CONTINUED DEVELOPMENT WITH AN INCREASE IN ACTIVITY IS LIKELY IN THE NEW ACTIVE CENTER AT N05E81. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN SLIGHTLY DISTURBED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 APR/1700Z ENDING 13 APR/1700Z.

CLASS M OR GREATER 30/35/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 10/1400Z WAS 110. PREDICTED 10.7 CM FLUX FOR 11-13 APR IS 112/114/116.

E. MAGNETIC A-FREDERICKSBURG FOR 09 APR WAS 43. FOR 10 APR ABOUT 22 PREDICTED AP FOR 11-13 APR, 12/10/08.

SOLTERWARN

SPAF

BT