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KMSC

HAUS BOU 200400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 755A ISSUED 0400Z 20 SEPTEMBER 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT LOW LEVEL DURING THE PAST 11 HOURS. DISK FEATURES HAVE PRODUCED ONLY A FEW NON-ENERGETIC SUB-FLARES. THE LIMB ACTIVITY MENTIONED IN SDF 754B HAS SUBSIDED AND A NEW SPOT GROUP HAS APPEARED AT N12 EL WITH FAINT PLAGE AND AN H-TYPE SPOT GROUP. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD WILL BE SLIGHTLY DISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20 SEPT/0400Z ENDING 23 SEPT/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 19/1700Z AND 19/2000Z WERE 135 AND 134 RESPECTIVELY.

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HAUS BOU 201700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 755B ISSUED 1700Z 20 SEPT 1970

BORDERLINE CLASS M FLARES ARE EXPECTED AT A RATE OF ONE
IN 48 HOURS.

A. THE N20E18 REGION CONTINUES TO GROW IN SPOT AREA
ALTHOUGH IT IS PRESENTLY INACTIVE AND THE PLAGE LOOKS
LESS INTENSE SINCE YESTERDAY. THE REGION AT N21W25 HAS
GROWN DRAMATICALLY FROM A FEW PORES YESTERDAY TO A D TYPE
SPOT GROUP TODAY WITH MODERATELY COMPACT PLAGE. A NEW
REGION WITH BRIGHT PLAGE HAS ROTATED ONTO THE DISK AT
N15E85; THE CENTER HAS AN H TYPE SPOT, AREA, 80 MILLIONTHS,
LEADING THE PLAGE STRUCTURE. WITH THESE NEW DISK
DEVELOPMENTS THE TEN CM BACKGROUND FLUX HAS JUMPED
12 FLUX UNITS IN THE PAST 24 HOURS. THE GEO-
MAGNETIC FIELD WAS DISTURBED BETWEEN 20/0000Z-0600Z.

B. SOLAR ACTIVITY IS EXPECTED TO RISE IN THE NEXT FEW
DAYS AS NEW REGIONS DEVELOP. THE GEOMAGNETIC FIELD IS
EXPECTED TO BE DISTURBED DURING THE 0000Z TO ~~0000~~ 0900Z
PERIOD FOR THE NEXT FEW DAYS.

C. FLARE AND PROTON EVENT PORBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 20 SEPT/1700Z ENDING 23 SEPT/1700Z.
CLASS M OR GREATER 40/45/50
CLASS X 01/01/01
PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 20/1400Z WAS 145. PREDICTED
10.7 CM FLUX FOR 21-23 SEPT IS 148/150/152.

E. MAGNETIC A-FREDERICKSBURG FOR 19 SEPT WAS 14. FOR 20 SEPT
ABOUT 11. PREDICTED AP FOR 21-23 SEPT, 10/10/06.
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