

KMSC

HAUS BOU 220400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 757A ISSUED 0400Z 22 SEPTEMBER 1970

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

A. CLASS M EVENTS REPORTED IN SDF 756B WERE NOT REAL. DATA FROM SATELLITE WAS CONTAMINATED. SOLAR ACTIVITY HAS CONTINUED ITS LOW LEVEL WITH ONLY A FEW NON-ENERGETIC SUBFLARES BEING OBSERVED. THE REGION N20E02 HAS DECREASED AS A POTENTIAL FLARE PRODUCER. THE REGION N20W36 IS THE BRIGHTEST DISK FEATURE AND HAS CONTINUED ITS GROWTH. REGION S13W75 IS ALSO VERY BRIGHT. THE OTHER DISK FEATURES ARE STABLE. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. CLASS C ACTIVITY IS EXPECTED TO INCREASE AND AN OCCASIONAL CLASS M FLARE IS PROBABLE DURING THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL REMAIN SLIGHTLY DISTURBED WITH PERIODS OF GREATER DISTURBANCE BUT NOT REACHING STORM PROPORTIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 SEPT/0400Z ENDING 25 SEPT/0400Z

CLASS M OR GREATER 40/45/45

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 21/1700Z WAS 148.

SOLTERWARN

SPAN

BT

HAUS BOU 221710

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 757B ISSUED 1700Z 22 SEPT 1970

CLASS C FLARES ARE EXPECTED IN THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS CONSISTED OF ONLY A MODERATE NUMBER OF CLASS C FLARES. THE MAJORITY OF SUBFLARES HAVE BEEN PRODUCED BY THE RAPIDLY EVOLVING REGION AT N09W32. IN TWO DAYS THE REGION HAS GROWN TO A D TYPE SPOT GROUP. THE N12E49 REGION IS GROWING WITH OCCASIONAL BRIGHT POINTS IN THE FOLLOWING PLAGE. THE N20W08 IS NOW IN ITS DECAY STAGE. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED BETWEEN 0000Z AND 0600Z TODAY.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE IN THE FORM OF CLASS C SUBFLARES AT A LOW TO MODERATE LEVEL. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE PERIODS OF UNSETTLED CONDITIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 SEPT/1700Z ENDING 25 SEPT/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 22/1400Z WAS 155. PREDICTED

10.7 CM FLUX FOR 23-25 SEPT IS 156/158/158.

E. MAGNETIC A-FREDERICKSBURG FOR 21 SEPT WAS 16. FOR 22 SEPT ABOUT 12. PREDICTED AP FOR 23-25 SPET, 12/15/12.

SOLTERWARN

SPAN

BT