

KMSC

HAUS BOU 260400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 761A ISSUED 0400Z 26 SEPTEMBER 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. SEVERAL REGIONS ON THE DISK HAVE PRODUCED A FEW NON-ENERGETIC CLASS C EVENTS. ONLY SMALL GROWTH HAS BEEN OBSERVED IN THE NEW REGIONS N22E09 AND N23E04. THE REGION N22E09 DOES CONTAIN A DELTA CONFIGURATION BUT HAS PRODUCED ONLY MINOR ACTIVITY. THE REST OF THE REGIONS ARE SINGLE MAGNETICALLY. THE GEOMAGNETIC FIELD IS QUIET WITH SHORT PERIODS OF DISTURBED CONDITIONS.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. ONLY SPORADIC NON ENERGETIC FLARE ACTIVITY IS EXPECTED. THE QUIET GEOMAGNETIC FIELD WILL CONTINUE TO HAVE SHORT PERIODS OF DISTURBED CONDITIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 SEPT/0400Z ENDING 29 SEPT/0400Z

CLASS M OR GREATER 35/35/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 25/1700Z AND 25/2000Z WERE BOTH 155.

SOLTERWARN

SPAN

BT

HAUS BOU 261700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 761B ISSUED 1700Z 26 SEP 1970

CLASS-C FLARES ARE EXPECTED AND ONE OR TWO SMALL CLASS-M FLARES ARE NOT UNLIKELY DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY DURING THE PAST 13 HOURS AND HAS CONSISTED PRIMARILY OF SUBFLARES FROM THE REGIONS AT N23W03, N13W07, AND S07E36. AN APPARENT CLASS-M2 SUBNORMAL FLARE OCCURRED AT 26/0745Z AT THE N23W03 SITE. SPOT DEVELOPMENT HAS OCCURRED IN THE LEADER OF THE N23W03 REGION, OVER A WIDE AREA OF THE TRAILER SECTION OF THE N13W07 REGION, AND IN THE TRAILER PORTION OF THE N21W67 REGION. THE NEW D-TYPE REGION AT N16E79 PRESENTLY APPEARS RELATIVELY UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS.

B. OCCASIONAL SUBFLARES ARE EXPECTED TO BE PRODUCED AT THE N22W03, N13W07, S07E36, AND N21W67 REGIONS DURING THE FORECAST PERIOD. A FEW OF THESE SUBFLARES MAY REACH LOW CLASS-M X-RAY INTENSITY. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME SLIGHTLY DISTURBED EARLY ON 27 SEP.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 SEP/1700Z ENDING 29 SEP/1700Z.

CLASS M OR GREATER 45/50/50

CLASS X 01/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 26/1400Z WAS 157. PREDICTED 10.7 CM FLUX FOR 27-29 SEP IS 154/152/152.

E. MAGNETIC A-FREDERICKSBURG FOR 25 SEP WAS 09. FOR 26 SEP ABOUT 07. PREDICTED AP FOR 27-29 SEP, 12/12/10.

SOLTERWARN

SPAN

BT