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HAUS BOU 090400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 835A ISSUED 0400Z 09 DEC 1970

CLASS-M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS DECREASED SLIGHTLY DURING THE PAST 11 HOURS;
A CLASS-M2 SUBFLARE AT 03/2239Z FROM THE N14E36 REGION WAS THE
MOST ENERGETIC EVENT REPORTED. BOTH THE E/260 REGION AT N13E63 AND
THE D/490 REGION AT N14E36 RETAIN THEIR DYNAMIC APPEARANCE. RECENT
LIMB ACTIVITY SUGGESTS THAT NEW REGIONS SOON MAY APPEAR NEAR NE05
AND SE09. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING
THE PAST 13 HOURS.

B. SIGNIFICANT ENERGETIC FLARES ARE LIKELY TO OCCUR IN ONE OR MORE
OF THE ACTIVE REGIONS IN THE SUN'S NORTHEASTERN QUADRANT DURING THE
THREE-DAY FORECAST PERIOD; OCCASIONAL SMALL CLASS-M FLARES AND ONE
OR TWO LARGE CLASS-M OR SMALL CLASS-X FLARES ARE ANTICIPATED. THE
GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY QUIET WITH
OCCASIONAL PERIODS OF SLIGHT DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 09 DEC/0400Z ENDING 12 DEC/0400Z.

CLASS M OR GREATER 99/99/95

CLASS X 30/30/25

PROTON EVENTS 02/02/05

D. OTTAWA 10.7 CM FLUXES FOR 08/1700Z AND 08/2000Z WERE 172 AND 174
RESPECTIVELY.

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HAUS BOU 091710

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 835B ISSUED 1700Z 09 DEC 1970

NO MORE THAN THREE CLASS M FLARES EXPECTED IN THE NEXT 11 HOURS.

A. NO MORE THAN A DOZEN FLARES HAVE OCCURRED IN THE PAST 13 HOURS INCLUDING A CLASS M5, 1N, AT 09/0758Z LOCATION N11E72 AND A CLASS M3, SB, AT 09/1135Z LOCATION N14E35. THE N14E41 REGION IS THE MOST DYNAMIC APPEARING DISK FEATURE. THE NEUTRAL LINE IN THE TRAILER IS NEARLY CIRCULAR AND THERE HAS BEEN GROWTH IN THE INTERMEDIATE SPOTS. A SMALL REGION TO THE NE OF THE N14E41 REGION HAS INCREASED ITS PENUMBRAL AREA AND THERE LOOKS TO BE SOME INTERACTION BETWEEN THE TWO CENTERS. THE N13E60 REGION HAS HAD LITTLE CHANGE IN ITS STRUCTURE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY EXPECTED TO CONTINUE AS BEFORE WITH TWO TO FOUR ENERGETIC FLARES EXPECTED PER DAY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 DEC/1700Z ENDING 12 DEC/1700Z.

CLASS M OR GREATER 99/99/95

CLASS X 25/20/15

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 09/1400Z WAS 174. PREDICTED

10.7 CM FLUX FOR 10-12 DEC IS 176/179/180.

E. MAGNETIC A-FREDERICKSBURG FOR 08 DEC WAS 14. FOR 09 DEC ABOUT 04. PREDICTED AP FOR 10-12 DEC, 04/05/04.

SOLTERWARN

SPAN

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