

NNNN0350

NNNN0351

NNNN

KMSC

HAUS BOU 120400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 777A ISSUED 0400Z 12 OCTOBER 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. THE SOLAR ACTIVITY DURING THE LAST 11 HOURS HAS BEEN LOW WITH ONLY NON-ENERGETIC SUBFLARES BEING OBSERVED. THE REGION N17W04, WHICH IS MODERATELY BRIGHT AND HAS SHOWN SMALL GROWTH IN THE FOLLOWER PORTION, HAS PRODUCED THE MAJORITY OF THE ACTIVITY. A J TYPE SPOT HAS ROTATED ON THE DISK AT N18. THE OTHER REGIONS ARE QUIET AND STABLE. THE GEOMAGNETIC FIELD HAS HAD PERIODS OF DISTURBANCE AND AT PRESENT TIME THE FIELD IS DISTURBED.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH CLASS C FLARES EXPECTED. THE GEOMAGNETIC FIELD WILL CONTINUE TO HAVE PERIODS OF DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 OCT/0400Z ENDING 15 OCT/0400Z

CLASS M OR GREATER 30/30/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 11/1700Z AND 11/2000Z WERE 143 AND 139 RESPECTIVELY.

SOLTERWARN

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NNNN1700

NNNN1702

NNNN1703

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KMSC

HAUS BOU 121700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 777B ISSUED 1700Z 12 OCT 1970

A FEW CLASS C FLARES EXPECTED IN THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS BEEN NIL. SEVERAL NEW REGIONS HAVE DEVELOPED IN THE EASTERN SECTOR; N18E77, H TYPE SPOT; S13E63, B TYPE SPOT GROUP AND DEVELOPING; N10E62, A TYPE SPOTS; AND N07E51, D TYPE SPOT GROUP, BRIGHT PLAGE AND DEVELOPING. OTHER REGIONS UNCHANGED OR DOWN. THE GEOMAGNETIC FIELD WAS DISTURBED BETWEEN 0000Z AND 0900Z TODAY.

B. CONTINUED LOW NONENERGETIC ACTIVITY EXPECTED. THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 OCT/1700Z ENDING 15 OCT/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 12/1400Z WAS 134. PREDICTED 10.7CM FLUX FOR 13-15 OCT IS 131/130/136.

E. MAGNETIC A-FREDERICKSBURG FOR 11 OCT WAS 13. FOR 12 OCT ABOUT 16. PREDICTED AP FOR 13-15 OCT IS 08/07/06.

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