

NNNN

KBOU

HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 287 ISSUED 2200Z 14 OCT 1971

NO ENERGETIC FLARES ARE EXPECTED.

A. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 302 /S12W28/ IS THE ONLY REGION FLARING, PRODUCING A FEW SPORADIC SUBFLARES. THIS REGION REMAINS SIMPLE BIPOLE WITH A SLIGHT GROWTH PATTERN IN SUNSPOT AND PLAGE STRUCTURE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. THE GEOMAGNETIC FIELD IS ANTICIPATED TO BECOME ACTIVE FOR THE NEXT 24-36 HOURS WITH THE ARRIVAL OF A NEW SECTOR BOUNDARY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 OCT/0000Z ENDING 17 OCT/2400Z.

CLASS M OR GREATER 05/10/10

CLASS X 00/00/00

PROTON EVENTS 00/00/00

D. OTTAWA 10.7 CM FLUXES FOR 14/1400Z, 14/1700Z AND 14/2000Z WERE 91, 90 AND 91 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 15-17 OCT IS 89/87/86.

E. MAGNETIC A-FREDERICKSBURG FOR 13 OCT WAS 09. FOR 14 OCT ABOUT 06. PREDICTED AP FOR 15-17 OCT, 27/12/14.

SOLTERWARN

SPAN

BT