

KBOU

HXUS BOU 132215

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 134 ISSUED 2200Z 13 MAY 1972

A. SUBFLARE FREQUENCY HAS DECREASED. REGION 186 /S04E56/ HAS BEEN THE MOST ACTIVE TODAY PRODUCING A CLASS M1 X-RAY EVENT AT 1417Z. A POSSIBLE DELTA CONFIGURATION IN 186 WAS OBSERVED BY MT. WILSON. REGIONS 176 /S14W69/, 180 /N18W65/ AND 185 /N07W03/ HAVE PRODUCED CLASS C SUBFLARES. REGIONS 193 /S11E84/ AND 184 /S06E18/ HAVE ALSO PRODUCED AN OCCASIONAL SUBFLARE. SUNSPOT DEVELOPMENT HAS OCCURRED IN REGIONS 184 AND 186 THE PAST 24 HOURS. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY TO REMAIN MODERATE WITH AN OCCASIONAL M EVENT COMING FROM REGION 186. THE GEOMAGNETIC FIELD WILL BE UNSETTLED THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 MAY/0000Z ENDING 16 MAY/2400Z

CLASS M OR GREATER 55/55/50

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 13/1400Z, 13/1700Z AND 13/2000Z WERE 160, 158 AND 159, RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 14-16 MAY IS 155/155/150.

E. MAGNETIC A-FREDERICKSBURG FOR 12 MAY WAS 08. FOR 13 MAY ABOUT 06. PREDICTED AP FOR 14-16 MAY IS 07/05/05.

SOLTERWARN

SPAN

BT