

NNNN

KBOU

HAUS BOU 230500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 143A ISSUED 0500Z 23 MAY 1971

ONLY OCCASIONAL CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. THE FOUR DISK REGIONS ARE ALL STABLE OR DECLINING AND ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. REGION 078 WHICH HAS PRODUCED MOST OF THE MINOR ACTIVITY WILL SOON BE MAKING ITS WEST LIMB PASSAGE. NO ACTIVE REGIONS ARE DUE ON THE EAST LIMB. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET WITH MINOR DISTURBANCE THE LAST PART OF THE FORECAST PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 MAY/0000Z ENDING 25 MAY/2400Z

CLASS M OR GREATER 20/20/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

SOLTERWARN

SPAN

BT

NNNN

NNNN

KBOU

HAUS BOU 232200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO.

SDF NUMBER 143B ISSUED 2200Z 23 MAY 1971

AN EXTREMELY LOW LEVEL OF ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. THE ONLY SIGNIFICANT EVENTS TO MAR AN OTHERWISE QUIET SUN WERE 1/ A SERIES OF LIMB ERUPTIONS NEAR S40W90 AND 2/ CORONAL RAIN, MOUNDS, AND BSL ACTIVITY ABOUT SE04-06. THE SW ACTIVITY EVOLVED FROM AN APR TO SURGES TO LOOPS WHICH LATER BROKE APART. SURGE MATERIAL WAS OBSERVED THERE OUT TO 0.2 SOLAR RADIUS ABOUT 23/1742Z. OVERCAST SKIES HAVE LIMITED PATROL PERIODS THROUGHOUT THE GLOBAL NETWORK TODAY. WHAT OBSERVATIONS HAVE BEEN MADE THOUGH, IMPLY LITTLE CHANGE IN THE THREE SMALL GROUPS VISIBLE.

B. THE SUNSPOT MINIMUM CONDITIONS CURRENTLY BEING EXPERIENCED SHOULD PERSIST FOR THE NEXT THREE DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 MAY/0000Z ENDING 26 MAY/2400Z.

CLASS M OR GREATER 20/15/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 23/1400, 1700, AND 2000Z WERE 88, 87, AND 86 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 24-26 MAY IS 86/88/94.

E. MAGNETIC A-FREDERICKSBURG FOR 22 MAY WAS 05. FOR 23 MAY ABOUT 08. PREDICTED AP FOR 24-26 MAY, 04/15/12.

SOLTERWARN

SPAN

BT