

NNNN

KBOU

HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 001 ISSUED 2200Z 1 JAN 1972

"HAPPY NEW YEAR"

A. ABNORMALLY INCLEMENT WEATHER DEVELOPED RAPIDLY OVERNIGHT AND HAS PREVENTED PATROL AT MOST OBSERVATORIES, BUT ACTIVITY HAS APPARENTLY BEEN LOW. A BIPOLAR PLAGE REGION WITH NO WHITE LIGHT SPOTS HAS APPEARED AT S12E71. THE REMAINDER OF THE DISK REGIONS ARE DECLINING. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. A LOW LEVEL OF ACTIVITY SHOULD CONTINUE. MINOR FLARES NOT EXCEEDING CLASS M1 MAY OCCUR SPORADICALLY IN REGION /S07W23/ ALONG WITH SMALL CHROMOSPHERIC ACTIVITY IN THE S12E71 PLAGE. THE GEOMAGNETIC FIELD SHOULD REMAIN QUIET ANOTHER 24-36 HOURS BEFORE A DISTURBING TREND BEGINS MARK THE PASSAGE OF A PERSISTENT SECTOR BOUNDARY THAT HAS PRODUCED ONLY SMALL DISTURBANCES FOR THE LAST SEVERAL ROTATIONS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 JAN/0000Z ENDING 04 JAN/2400Z.

CLASS M OR GREATER 20/20/20.

CLASS X 01/01/01

PROTON EVENT 01/02/02

D. OTTAWA 10.7 CM FLUXES FOR 01/1400Z 1700Z AND 2000Z WERE 109, 108 AND 107. PREDICTED 10.7 CM FLUXES FOR 02-04 JAN ARE 105/105/105.

E. MAGNETIC A-FREDERICKSBURG FOR 31 DEC WAS 05. FOR 01 JAN ABOUT 02. PREDICTED AP FOR 02-04 JAN ARE 02/02/05.

SOLTERWARN

SPAN

BT