

KBOU
HFUS BOU 012200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 245 ISSUED 2200Z 01-SEP 1972
A. ALL REGIONS CURRENTLY APPEAR RELATIVELY STABLE AND
UNCOMPLICATED. A TOTAL OF 12 SUBFLARES HAVE BEEN RE-
PORTED DURING THE LAST 24 HOURS WITH 2 EACH FROM REGIONS
375 /N17E07/, 377/N18E17/, 378 /N17E32/ AND 384 /N15W11/.
NEW REGION 392 /S06E40/ HAS SHOWN SOME GROWTH AND PRODUCED
A SUBFLARE DURING THE DAY. THE GEOMAGNETIC FIELD WAS
BRIEFLY DISTURBED OVERNIGHT BUT HAS BEEN QUIET ALL DAY.
HOWEVER, THE HORIZONTAL FIELD TRACE IS VERY FLAT AND HAS
NOT SHOWN A NORMAL DIURNAL VARIATION.
B. OCCASIONAL CLASS C SUBFLARES SHOULD CONTINUE FROM THE
REGIONS DISCUSSED ABOVE WITH A GOOD CHANCE OF ONE OR TWO
CLASS M FLARES DURING THE PERIOD. THE GEOMAGNETIC FIELD
MAY BECOME SLIGHT UNSETTLED DURING THE NIGHTTIME HOURS.
PIONEER 9 DATA INDICATED A SECTOR BOUNDARY PASSAGE ON THE
31ST, SUGGESTING THE GEOMAGNETIC FIELD MAY BECOME SOMEWHAT
MORE UNSETTLED DURING THE LATTER PORTION OF THE FORECAST
PERIOD.
C. EVENT PROBABILITIES 02 SEP/0000Z-04 SEP/2400Z.
CLASS M 50/50/50
CLASS X 05/05/05
PROTON 05/05/05
D. OTTAWA 10.7CM FLUX
OBSERVED 01 SEP/1700Z 142
PREDICTED 02 SEP-04 SEP 140-138-135
E. A-FREDERICKSBURG
OBSERVED 31 AUG 03
ESTIMATED 01 SEP 06
PREDICTED 02 SEP-04 SEP 08-10-10
SOLTERWARN
SPAN
BT