

HFUS 1 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 004

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 JAN 1979

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1487 (S12W15) HAD A
COUPLE OF C-CLASS SUBFLARES. IT IS STILL AN E TYPE GROUP BUT
HAS SHOWN SOME DECAY. REGION 1490 (N18W87) HAS HAD SEVERAL
SUBFLARES AND IS NOW SPOTLESS. REGION 1492 (S18E58) HAS
SHOWN GROWTH AND IS NOW A DK1 THE REST OF THE SUN HAS SHOWN
DECAY.

IB. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE. REGION 1487
REMAINS HIGHEST IN FLARING POTENTIAL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TODAY. CONDITIONS
SHOULD REMAIN ACTIVE FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 05 JAN - 07 JAN

CLASS M 60/60/60

CLASS X 15/15/10

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA (10.7 CM FLUX

OBSERVED 04 JAN 205

PREDICTED 05 - 07 JAN 204/202/197

90-DAY MEAN 04 JAN 168

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JAN 16

ESTIMATED AFR/AP 04 JAN 24/38

PREDICTED AFR/AP 05 - 07 JAN 22/35 - 20/28 - 18/18

SOLTERWAR N

BT