

HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

ADF NUMBER 019

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 JANUARY 1980

IA. SOLAR ACTIVITY HAS BEEN AT LOW LEVELS DURING THE PAST 24 HOURS.
A FEW SMALL C-CLASS X-RAY EVENTS HAVE BEEN RECORDED, THE LARGEST A
C3/SN FROM REGION 2245 (N13E11) AT 1705 UT. ALL REGIONS HAVE
APPARENTLY CHANGED LITTLE THE PAST 24 HOURS. NO NEW REGIONS TODAY.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY HOWEVER, THE
OVER ALL LEVEL OF ACTIVITY SHOULD REMAIN LOW. REGION 2243 (S15W07)
CONTINUES TO HAVE THE GREATEST POTENTIAL FOR PRODUCING A SIGNIFI-
CANT FLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO REMAIN QUIET DURING THE NEXT 24 HOURS THEN
UNSETTLED FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20-22 JANUARY

CLASS M 05/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

V. OTTAWA 10.7 CM FLUX

OBSERVED 19 JAN 170

PREDICTED 20-22 JAN 164/162/167

90-DAY MEAN 19 JAN 219

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JAN 04

ESTIMATED AFR/AP 19 JAN 04/05

PREDICTED AFR/AP 20-22 JAN 05/08 08/08 08/10

SOLTERWARN

BT