

HFUS 1 BOU 1922 00

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

AD E 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 SIGNIFICANT 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 UNSETLED FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20-22 JANUARY

CLASS M 05/10/15

CLASS X 01/01/01

PREDICTED 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 AL 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