

HFXS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 018

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 JAN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4616 (S07W61) CONTINUES TO DECAY IN AREA BUT THE MAGNETIC CLASSIFICATION HAS RETURNED TO A BETA GAMMA TYPE. OBSERVATIONS HAVE BEEN SOMEWHAT RESTRICTED DUE TO WEATHER AND MAINTENANCE BUT APPARENTLY THE DISK HAS NOT CHANGED MUCH.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE AT QUIET TO SLIGHTLY UNSETLED LEVELS.

III. EVENT PROBABILITIES 19 JAN-21 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JAN 077

PREDICTED 19 JAN-21 JAN 076/075/075

90 DAY MEAN 18 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 JAN 006/012

ESTIMATED AFR/AP 18 JAN 009/010

PREDICTED AFR/AP 19 JAN-21 JAN 007/010-007/005-007/010

SOLTERWARN

BT

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