

HFUS I BOU 140545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 014A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL  
ACTIVITY ISSUED 0600Z 14 JANUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT  
HOURS. THE DISK REGIONS APPEAR TO BE STABLE AND ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND  
IS EXPECTED TO CONTINUE THE SAME DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

BT

HFUS 1 BOU 141430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 014B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 14 JAN 1975

IA. POOR WEATHER AT OBSERVATORIES HAS LIMITED OPTICAL OBSERVATIONS  
DURING THE PAST 8 HOURS. SMS/GOES X-RAY SENSORS INDICATE MINOR  
X-RAY ENHANCEMENTS OCCURRED AT 14/0029X AND 14/0713Z. THE  
MINOR EVENTS WERE PROBABLY ASSOCIATED WITH ASR NEAR NW03 AND  
NW06 AS AR548 IS PASSING OVER WEST LIMB.

IB. NO MAJOR SOLAR ACTIVITY EXPECTED, HOWEVER MINOR SUBFLARES  
SHOULD BE OBSERVED IN AR 452 (N15W00).

II. THE GEOMAGNETIC FIELD IS NEAR MINOR STORM LEVELS. IT  
IS EXPECTED TO CONTINUE AT THIS LEVEL FOR THE NEXT 72 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 142200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 014

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 JANUARY 1975

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. MINOR TYPE III RADIO  
BURSTS HAVE BEEN REPORTED FROM AR 552 (N14W05). NO FLARES HAVE  
BEEN REPORTED. THE LARGE SPOT IN AR 552 HAS GROWN SLIGHTLY. THE  
DEVELOPMENT OF A SMALL FOLLOWER SPOT IN AR 552 REQUIRES A CHANGE  
FROM ALPHA TO BETA CLASSIFICATION.

IB. NO SIGNIFICANT SOLAR ACTIVITY IS EXPECTED. MINOR NON ENERGETIC  
FLARES AND A FEW RADIO BURSTS FROM AR 552 SHOULD CONTINUE.

II. MINOR GEOMAGNETIC STORM CONDITION EXIST. DURING THE NEXT 72  
HOURS ACTIVE TO MINOR STORM CONDITIONS SHOULD CONTINUE.

III. EVENT PROBABILITIES 15 JAN - 17 JAN

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JAN 80

PREDICTED 15 JAN - 17 JAN 82/83/83

90-DAY MEAN 14 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JAN 20

ESTIMATED AFR/AP 14 JAN 30/33

PREDICTED AFR/AP 15 JAN - 17 JAN 25/28 - 17/22 - 14/19

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