

HFUS 1 BOU 160550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 047A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 16 FEBRUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
THERE ARE NO SPOTS ON THE VISIBLE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND WILL CONTINUE  
UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS I BOU 161445

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 047B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 16 FEB 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL THROUGHOUT  
THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH OCCASIONAL PERIODS  
OF MINOR STORM CONDITIONS BEING OBSERVED. UNSETTLED CONDITIONS  
SHOULD PREVAIL DURING DAYLIGHT HOURS, RETURNING TO ACTIVE CONDITIONS  
DURING NIGHTTIME HOURS. SEE PART V.

III. EVENT PROBABILITIES 16 - 18 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 FEB 72

PREDICTED 16 - 18 FEB 72/71/70

90-DAY MEAN 15 FEB 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 FEB 24

ESTIMATED AFR/AP 15 FEB 16/22

PREDICTED AFR/AP 16 - 18 FEB. 20/25 - 12/14 - 08/10

SOLTERWARN

BT

HFUS 7 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 047

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 FEB 1975

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL; HOWEVER, A  
SMALL CLASS C1 X-RAY EVENT OCCURRED AT 161555 U.T. AND LASTED FOR  
28 MINUTES. NO OPTICAL OR RADIO DATA WAS REPORTED IN CONJUNCTION  
WITH THIS EVENT. A TINY H-ALPHA PLAGE NEAR N12 W12 IS THE ONLY  
FEATURE ON THE DISK AND IS BELIEVED TO BE THE SOURCE OF THIS  
X-RAY BURST.

IB. SOLAR ACTIVITY SHOULD REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD WAS DISTURBED DURING THE PAST 24 HOURS  
WITH ACTIVE TO MINOR STORM CONDITIONS BEING OBSERVED. UNSETTLED  
CONDITIONS ARE EXPECTED DURING THE DAYLIGHT HOURS WITH PERIODS  
OF ACTIVE CONDITIONS DURING NIGHTTIME HOURS FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 17 - 19 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 FEB 73

PREDICTED 17 - 19 FEB 73/73/73

90-DAY MEAN 16 FEB 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSUBRG 15 FEB 17

ESTIMATED AFR/AP 16 FEB 19/25

PREDICTED AFR/AP 17 - 19 FEB 12/15 - 08/10 - 08/10

SOLTERWARN

BT