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HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 042A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 11 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONE  
NON-ENERGETIC SUBFLARE WAS OBSERVED AT 11/0035Z IN REGION 347  
(S18E43). THE OTHER REGIONS AND THE LIMBS HAVE BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. A FEW  
NON-ENERGETIC SUBFLARES CAN BE EXPECTED.

II. A MINOR GEOMAGNETIC DISTURBANCE BEGAN ABOUT 10/2030Z AND HAS IN-  
CREASED IN INTENSITY. AT 11/0430Z A K INDEX OF 5 WAS OBSERVED. THE  
DISTURBANCE WILL CONTINUE MINOR FOR THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 FEBRUARY 02

ESTIMATED AFR/AP 10 FEBRUARY 07/08

PREDICTED AFR/AP 11-13 FEBRUARY 18/21-12/13-12/13

SOLTERWARN

SPAN

BT

HFUS 1 BOU 111300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 042B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 11 FEBRUARY 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THREE, NON-ENERGETIC SUB-  
FLARES WERE REPORTED DURING THE LAST 24 HOURS, ALL FROM REGION 347  
(S18E36). BOTH REGIONS 346 (N08E23) AND 347 HAVE SHOWN SOME PLAGE  
DECAY DURING THE LAST 24 HOURS AND NOW APPEAR STABLE.

IB. SINCE NO REGIONS ARE DUE TO RETURN, SOLAR ACTIVITY SHOULD  
CONTINUE VERY LOW THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE DURING THE LAST 12 HOURS WITH  
A K VALUE OF 5 REPORTED BETWEEN 03-06Z. ACTIVE CONDITIONS EARLY IN  
THE PERIOD SHOULD DIMINISH SOMEWHAT, BUT THE GEOMAGNETIC FIELD  
SHOULD CONTINUE UNSETTLED AT MID LATITUDES WITH ACTIVE CONDITIONS  
LIKELY AT HIGHER LATITUDES.

III. EVENT PROBABILITIES 11 FEB - 13 FEB

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 FEB 83

PREDICTED 11 FEB - 13 FEB 83/83/83

90-DAY MEAN 10 FEB 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 FEB 02

ESTIMATED AFR/AP 10 FEB 07/08

PREDICTED AFR/AP 11 FEB - 13 FEB 18/21 - 12/13 - 12/13

SOLTERWARN

SPAN

BT

HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 042

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 FEB 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. THE MOST ENERGETIC  
EVENT HAS BEEN A FILAMENT DISRUPTION WITH AN DUMPING TYPE FLARE  
REPORTED AS IMPORTANCE SF TO IF AT 11/2010Z AT S07E28. REGION  
347 (S17E32) RETAINS A D TYPE SPOT STRUCTURE AND APPEARS STABLE  
AT PRESENT.

IB. ACTIVITY IS EXPECTED TO REMAIN AT PRESENT LEVELS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE SINCE 11/0325Z  
AND IS EXPECTED TO REMAIN ACTIVE ANOTHER 12 TO 18 HOURS AND  
THEN CONTINUE UNSETTLED THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 12 FEB - 14 FEB

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 FEB 80

PREDICTED 12 - 14 FEB 80/80/80

90-DAY MEAN 11 FEB 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 FEB 11

ESTIMATED AFR/AP 11 FEB 19/22

PREDICTED AFR/AP 12 - 14 FEB 13/14 - 10/11 - 09/10

SOLTERWARN

SPAN

BT