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KBOU B

HFUS 1 BOU 120600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SD F NUMBER 043A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
ONE NON-ENERGETIC SUBFLARE WAS OBSERVED AT 11/2231Z FROM REGION
347 (S17E26). THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE MINOR GEOMAGNETIC STORM CONTINUES AND IS EXPECTED TO
CONTINUE FOR ANOTHER 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 121300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 043B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 12 FEBRUARY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY TWO SMALL FLARES IN THE LAST 24 HOURS. ALL REGIONS APPEAR STABLE AND DULL.

IB. SOLAR ACTIVITY SHOULD BE LOW THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS WITH K-INDICES UP TO 6. DISTURBANCE SHOULD CONTINUE FOR ANOTHER 24 HOURS, THEN BECOME ACTIVE TO UNSETTLED.

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 FEB - 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 FEB - 14 FEB 140/60 - 20/24 - 10/11 |

SOLTERWARN
SPAN
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HFUS BOU 122200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 043
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 FEB 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 24 HOURS WITH ONLY ONE SUBFLARE HAVING BEEN REPORTED. RGN 347 (S17E16) HAS LOST THE PENUMBRA ON ITS TRAILER SPOT AND IS CLASSED A TYPE C ALTHOUGH RETAINING ITS BETA MAGNETIC CLASSIFICATION. AN H TYPE SPOT, RGN 348 (S16E82) APPEARED DURING THE PAST 24 HOURS BUT LIMB PROXIMITY PRECLUDES A DETAILED ANALYSIS.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL THROUGHOUT THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS EXPERIENCED MINOR STORM CONDITIONS DURING THE PAST 24 HOURS. MINOR STORM CONDITIONS ARE EXPECTED AGAIN ON 13 FEB IN THE NIGHTTIME SECTORS WITH UNSETTLED TO ACTIVE CONDITIONS PREVAILING AT OTHER TIMES DURING THE NEXT 3 DAYS.

III. EVENT PROBABILITIES - 13 - 15 FEB

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 12 FEB 079

PREDICTED 13-15 FEB 079/079/078

90-DAY MEAN 12 FEB 084

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 FEB 24

ESTIMATED AFR/AP 12 FEB 32/46

PREDICTED AFR/AP 13-15 FEB 18/21 - 12/13 - 09/10

SOLTERWARN

SPAN

BT