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HFUS 1 BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 25 JAN 1973

I. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 251300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 25 JANUARY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. DISK REGIONS REMAIN SIMPLE  
AND INACTIVE. OSO-7 MAPS, 25/0129Z, INDICATE A REGION APPROACHING  
EAST LIMB. THIS IS SUBSTANTIATED BY AN EVENT OBSERVED BY CANARY  
OBSERVATORY. AT 0940Z A BRIGHT MOUND WAS OBSERVED NEAR NE12. THE  
MOUND ROSE TO A BRIGHT ARCH STRUCTURE AT 0955Z AND DISSIPATED BY  
1012Z. AT 1015Z A SMALL PROMINENCE ON THE LIMB BECAME ACTIVE. THE  
ASSOCIATED REGION MAY YET BE A DAY AWAY FROM EAST LIMB TRANSIT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW UNTIL THE ARRIVAL  
OF THE NEW REGION APPROACHING EAST LIMB NEAR NE12.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY ACTIVE. IT IS EXPECTED  
TO REMAIN UNSETTLED FOR THE BALANCE OF THE FORECAST PERIOD BUT TREND-  
ING TOWARD QUIET CONDITIONS.

III. EVENT PROBABILITIES 25-27 JAN

CLASS M 10/25/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JAN 100

PREDICTED 25-27 JAN 98/101/104

90-DAY MEAN 24 JAN 106

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JAN 10

ESTIMATED 24 JAN 16

PREDICTED 25-27 JAN 11/08/06

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HFUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 25 JANUARY 1973.

IA. SOLAR ACTIVITY CONTINUES TO BE LOW, WITH ALL VISIBLE REGIONS REPORTED TO BE STABLE OR DECLINING. A NEW, POSSIBLY ACTIVE REGION IS ROUNDING THE EAST LIMB NEAR N07 AND MAY BE RETURNING REGION 517.

IB. ENERGETIC ACTIVITY IS NOT CONSIDERED LIKELY FROM VISIBLE REGIONS. THE REGION ON THE EAST LIMB CANNOT YET BE EVALUATED BUT LIMB ACTIVITY INDICATES THAT IT MAY HAVE THE POTENTIAL FOR ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO REMAIN UNSETTLED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 26 JAN - 28 JAN.

CLASS M 25/30/30

CLASS X 01/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 25 JAN 099

PREDICTED 26 JAN - 28 JAN 101/103/106

90-DAY MEAN 25 JAN 106

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 24 JAN 17

ESTIMATED 25 JAN 16

PREDICTED 26 JAN - 28 JAN 12/10/07

SOLTERWARN

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