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HFUS 1 BOU 260600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 057A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. REGION
354 HAS NOW COMPLETED ITS WEST LIMB TRANSIT AND THE DISK HAS NO
VISIBLE SPOTS. THE LIMBS ARE ALSO QUIET.

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

II. THE GEOMAGNETIC DISTURBANCE HAS DECLINED A LITTLE BUT THE FIELD
IS STILL DISTURBED AND IS EXPECTED TO CONTINUE TO DECLINE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 261400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 057B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 26 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST EIGHT HOURS,
AND NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED. REGION 354 (S16W90) HAS
PRODUCED A FEW MINOR SURGES DURING ITS PASSAGE OVER THE WEST LIMB.
A NEW REGION CONTAINING A B-TYPE SPOT GROUP HAS CROSSED THE EAST LIMB
NEAR N07. OTHJ FEATURES ARE UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE NEXT
24 HOURS.

II. THE GEOMAGNETIC FIELD HAS REMAINED ACTIVE DURING THE PAST EIGHT
HOURS, AND ACTIVE CONDITIONS ARE EXPECTED TO CONTINUE FOR THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 26 FEB - 28 FEB

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 FEB 80

PREDICTED 26 FEB - 28 FEB 79/78/78

90-DAY MEAN 25 FEB 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 FEB 21

ESTIMATED AFR/AP 25 FEB 27/37

PREDICTED AFR/AP 26 FEB - 28 FEB 20/24 - 15/17 - 10/11

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KBOU

HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 057

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 FEBRUARY 1974.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS, AND NO FLARES HAVE BEEN REPORTED. A FEW MINOR SURGES HAVE BEEN OBSERVED NEAR SW 17, WHERE REGION 354 HAS COMPLETED ITS PASSAGE OVER THE WEST LIMB. REGIONS 355 (N12E13) AND 356 (N08E33) HAVE DEVELOPED SLIGHTLY AND NOW CONTAIN TINY A AND B-TYPE SPOT GROUPS RESPECTIVELY. THESE TWO REGIONS ARE SIMPLE AND UNIMPRESSIVE IN H-ALPHA. REGION 357 (N04E63) CONTAINS A SINGLE SMALL H-TYPE SPOT ACCOMPANIED BY PLAGE CONTAINING A SMALL ARCH-FILAMENT SYSTEM, SUGGESTING THAT GROWTH IS OCCURRING AT THAT SITE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL. REGIONS 355 AND 356 PROBABLY WILL DECAY, WHILE REGION 357 MAY CONTINUE TO DEVELOP SLOWLY. SIGNIFICANT FLARE ACTIVITY IS UNLIKELY DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS EXHIBITED ACTIVE CONDITIONS DURING THE PAST 24 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS, FOLLOWED BY GENERALLY UNSETTLED CONDITIONS DURING THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 FEB - 01 MAR.

CLASS M 05/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 26 FEB 79

PREDICTED 27 FEB - 01 MAR 77/77/78

90-DAY MEAN 26 FEB 83

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 25 FEB 28

ESTIMATED AFR/AP 26 FEB 20/24

PREDICTED AFR/AP 27 FEB - 01 MAR 15/17 - 12/13 - 10/11

SOLTERWARN

SPAN

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