

HFUS 1 BOU 260500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO /

SDF NUMBER 299A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 26 OCTOBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
THE ONE DISK REGION IS STABLE AND QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND NO  
CHANGE IS EXPECTED DURING THE NEXT 24-48 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 261430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 299B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 26 OCT 1974

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 8 HOURS. REGION 511 (S05E55) HAS NOT CHANGED. A SMALL SPOT AND H-ALPHA PLAGE ARE ROTATING ONTO THE DISK IN THE NORTHEAST BUT CAN NOT BE ADEQUATELY ANALYZED YET. ANOTHER SMALL SPOT AND PLAGE HAS EMERGED NEAR (S15E48) BUT IS PROBABLY ANOTHER ONE OF THOSE SHORT LIVED, TRANSIENT TYPE GROUPS THAT HAVE BEEN SO COMMON DURING THE PAST SEVERAL DAYS.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY AS 511 AND THE NORTHEAST REGION DEVELOP AND ROTATE FURTHER ONTO THE DISK.

II. THE GEOMAGNETIC FIELD EXPERIENCED ACTIVE TO MINOR STORM CONDITIONS IN NIGHTTIME SECTORS DURING THE PAST 12 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE DAYLIGHT SECTORS WITH OCCASIONAL MINOR STORM CONDITIONS IN NIGHTTIME SECTORS FOR THE NEXT SEVERAL DAYS.

III. EVENT PROBABILITIES 26 - 28 OCT

CLASS M 03/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 OCT 78

PREDICTED 26 - 28 OCT 80/82/82

90-DAY MEAN 25 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 OCT 31

ESTIMATED AFR/AP 25 OCT 22/28

PREDICTED AFR/AP 26 - 28 OCT 17/20 - 13/15 - 13/15

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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 299

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

IA. SOLAR ACTIVITY HAS BEEN CONFINED TO SMALL LIMB SURGES. SEVERAL  
REGIONS ARE NOW VISIBLE ON THE DISK. REGION 511 (S06E53), SMALL  
AND STABLE, ROTATED ONTO THE DISK YESTERDAY. REGION 514 (N05E74)  
ROTATED ONTO THE DISK EARLY TODAY WITH A SMALL "A" TYPE SPOT GROUP  
AND A SMALL, FAINT H-ALPHA PLAGE. REGIONS 512 (S13E41) AND 513  
(N08E23) WERE BOTH BORN ON THE DISK. REGION 513 IS GROWING RATHER  
RAPIDLY AND ITS SMALL H-ALPHA PLAGE IS THE BRIGHTEST ON THE DISK.  
IB. SOLAR ACTIVITY SHOULD INCREASE SLIGHTLY AS THE SMALL NEW REGIONS  
CONTINUE TO GROW.

II. THE GEOMAGNETIC FIELD IS UNSETTLED TO ACTIVE AND NO CHANGE IS  
EXPECTED.

III. EVENT PROBABILITIES 27 OCT - 29 OCT

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 OCT 082

PREDICTED 27 OCT - 29 OCT 084/086/086

90-DAY MEAN 26 OCT 090

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 OCT 17

ESTIMATED AFR/AP 26 OCT 18/21

PREDICTED AFR/AP 27 OCT - 29 OCT 14/15 - 14/15 - 14/15

SOLTERWARN

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