

HFUS 1 BOU 140450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 287A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 14 OCTOBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE DISK AND LIMBS ARE QUIET AND STABLE.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT
HOURS. IT IS EXPECTED THAT THE FIELD WILL BE QUIET TO SLIGHTLY
UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 14 OCTOBER - 16 OCTOBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 OCTOBER 79

PREDICTED 14-16 OCTOBER 77/75/75

90-DAY MEAN 13 OCTOBER 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 OCTOBER 11

ESTIMATED AFR/AP 13 OCTOBER 07/08

PREDICTED AFR/AP 14-16 OCTOBER 08/08 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 141430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 287B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 14 OCT 1975

IA. SOLAR ACTIVITY HAS BEEN LIMITED TO FREQUENT FLUCTUATIONS IN
DEVELOPING REGION 659 (N06E10) WITH MINOR X-RAY BURSTS DURING
11-13Z. THE RATE OF GROWTH APPEARS TO HAVE SLOWED. REGION 657
IS COMPLETING LIMB PASSAGE AT N33W90.

IB. MINOR SUBFLARES MAY OCCUR IN REGION 659. NO SIGNIFICANT
INCREASE IN ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD BECAME MILDLY ACTIVE DURING 06-12Z
AND IS CURRENTLY UNSETTLED. UNSETTLED TO QUIET CONDITIONS ARE
EXPECTED THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 14 - 16 OCT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 OCT 79

PREDICTED 14 - 16 OCT 82/81/79

90-DAY MEAN 13 OCT 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 OCT 11

ESTIMATED AFR/AP 13 OCT 07/08

PREDICTED AFR/AP 14 - 16 OCT 12/12 - 10/10 - 10/10

SOLTERWARN

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GEOALERT WWA287 140300

91213 10430 20790 30070 49900

48433 00000 11606 00000

80614 77773 48433 QUIET 11606 QUIET

SOLQUIET MAGQUIET

FIN

SOLTERWARN

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 287

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 OCTOBER 1975

IA. SOLAR ACTIVITY HAS BEEN LIMITED TO FREQUENT PLAGE FLUCTUATIONS
IN REGION 659 (N06E03) WITH MINOR VARIATIONS IN X-RAY FLUX. SUN-
SPOTS HERE DEVELOPED TO TYPE D WITH TWICE THE AREA OF YESTERDAY.
THE REGION'S MAGNETIC STRUCTURE IS BASICALLY SIMPLE WITH SMALL-
SCALE COMPLICATION NEAR THE STRONG LEADER SPOT. GROWTH HAS SLOWED.

IB. THE SMALL-SCALE COMPLEX FIELD IN REGION 659 IS A POTENTIAL
SITE OF CLASS M X-RAY ACTIVITY. ACTIVITY WILL REMAIN AT OR BELOW
CLASS C UNLESS SIGNIFICANT GROWTH OCCURS IN THIS AREA.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE 06-12Z BUT HAS RESUMED
A QUIET LEVEL SINCE THEN. QUIET CONDITIONS ARE EXPECTED DURING
DAYLIGHT HOURS THROUGHOUT THIS FORECAST PERIOD. UNSETTLED CONDI-
TIONS MAY OCCUR DURING NIGHTTIME FOR THE FIRST TWO NIGHTS.

III. EVENT PROBABILITIES 15 OCTOBER - 17 OCTOBER

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 OCTOBER 80

PREDICTED 15-17 OCTOBER 81/79/77

90-DAY MEAN 14 OCTOBER 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 OCTOBER 07

ESTIMATED AFR/AP 14 OCTOBER 12/12

PREDICTED AFR/AP 15-17 OCTOBER 10/10 - 10/10 - 07/07

SOLTERWARN

BT