

HFUS 1 BOU 010500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 275A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 01 OCTOBER 1976

IA. SOLAR ACTIVITY CONTINUES SANS EVENTS EVEN THOUGH THE SUN
DENIES IT IS SOLAR MINIMUM BY FLAUNTING FOUR SUNSPOTS TODAY.
REGION 746 (N33W04) HAS GROWN TO A RUDIMENTARY TYPE-C SPOT GROUP.
THE OCCURRENCE OF REGIONS 742 (N16W02) AND 743 (S27W01) SO NEAR
THE SAME LONGITUDE OF REGION 746 ESTABLISHES AN ACTIVE LONGITUDE
THAT IS EXPECTED TO DOMINATE THE FIRST YEAR OF SOLAR CYCLE 21.

IB. CONTINUED GROWTH OF REGION 746 NEAR THE MAGNETIC FIELDS OF
REGION 742 MAY LEAD TO CLASS-C X-RAY ACTIVITY. ADDITIONAL NEW
ACTIVE CENTERS ARE LIKELY TO FORM NORTHEAST OF REGION 742 DURING
THE NEXT 60 DAYS. NO SIGNIFICANT INCREASE IN ACTIVITY CAN BE
EXPECTED THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BECOME VERY QUIET DURING THE
PAST 12 HOURS. QUIET CONDITIONS SHOULD CONTINUE FOR AT LEAST
THE NEXT 24 HOURS. THEREAFTER THE FORECAST IS LESS CERTAIN DUE
TO EVOLVING SOLAR CORONAL CONDITIONS.

III. EVENT PROBABILITIES 1-3 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 72

PREDICTED 1-3 OCT 72/73/73

90-DAY MEAN 30 SEP 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 SEP 09

ESTIMATED AFR/AP 30 SEP 8/7

PREDICTED AFR/AP 1-3 OCT 10/8 - 8/8 - 8/8

SOLTERWARN

BT

HFUS 1 BOU 011430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 275-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 01 OCT 76

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. ALL
OBSERVATORY REPORTS INDICATE CONTINUED GROWTH IN REGION 746 (N33W07).
THE REGION IS NOW A C-TYPE BETA WITH PENUMBRA ON THE TRAILER SPOTS
AND RUDIMENTORY PENUMBRA POSSIBLY FORMING ON THE LEADER SPOTS.
REMAINING REGIONS APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW. THE CONTINUED
GROWTH IN REGION 746 MAY RESULT IN CLASS C X-RAY ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 8 HOURS REACHING
MINOR STORM LEVELS DURING THE 09-12Z PERIOD. THIS BURST OF ACTIVITY
APPEARS TO BE A SHORT LIVED CONDITION AND THE FIELD IS EXPECTED TO
REVERT TO QUIET TO UNSETTLED CONDITIONS DURING THE FINAL TWO DAYS OF
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 1 OCT - 3 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 72

PREDICTED 01-03 OCT 72/73/73

90-DAY MEAN 30 SEP 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 SEP 09

ESTIMATED AFR/AP 30 SEP 08/07

PREDICTED AFR/AP 01-03 OCT 20/25 - 08/08 - 08/08

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HFUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 275

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 01 OCT 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION 746 (N32 W12) EXPERIENCED CONSIDERABLE GROWTH BUT HAS REMAINED QUIET. THE REMAINDER OF THE DISC AND LIMBS HAVE BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. C-CLASS XRAY EVENTS FROM REGION 746 ARE POSSIBLE HOWEVER NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET EXCEPT FOR THE PERIOD FROM 06-12Z WHEN IT REACHED MINOR STORM LEVELS. THE FIELD IS EXPECTED TO BE QUIET TO SLIGHTLY UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 02 OCT-04 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 OCT 75

PREDICTED 02-04 OCT 76/77/77

90-DAY MEAN 04 OCT 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 SEP 09

ESTIMATED AFR/AP 01 OCT 10/17

PREDICTED AFR/AP 02-04 OCT 08/08 - 08/08 - 09/10

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