

HFUS 1 BOU 210600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 021A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 JAN 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 722 (N24E07) NOW HAS THREE SPOTS BUT SHOWS NO SIGN OF ACTIVITY. NEW REGION 723 (N30E69) HAS FAINT PLAGE WITH A SINGLE H-Spot.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. QUIET TO SLIGHTLY UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 21 JAN-23 JAN

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	20 JAN 78
PREDICTED	21-23 JAN 79/79/79
90-DAY MEAN	20 JAN 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	19 JAN 07
ESTIMATED AFR/AP	20 JAN 09/08
PREDICTED AFR/AP	21-23 JAN 07/07 - 05/05 - 05/05
SOLTERWARN	
BT	

HFUS 1 BOU 211500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 021-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 21 JAN 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW DURING THE PAST 12 HOURS.
THREE SMALL SPOT GROUPS ARE NOW VISIBLE: REGION 772 N25E00,
REGION 773 N31 E68 (OLD REGION 766) AND NEWLY FORMED REGION 774
AT N15 W38. NO SIGNIFICANT GROWTH HAS BEEN REPORTED IN ANY OF THESE
REGIONS. WEATHER CONTINUES TO SEVERELY LIMIT OPTICAL MONITORING.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETLED
DURING THE PAST 12 HOURS. QUIET CONDITIONS ARE EXPECTED THROUGH
THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 21 JAN-23 JAN

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	20 JAN 78
PREDICTED	21-23 JAN 79/79/79
90-DAY MEAN	20 JAN 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	19 JAN 07
ESTIMATED AFR/AP	20 JAN 09/08
PREDICTED AFR/AP	21-23 JAN 07/07 - 05/05 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 021

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 JANUARY 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO EVENTS HAVE BEEN DETECTED.
REGIONS 773(N31E65) AND 775(N26E82) FORM A COMPLEX OF MODERATELY
BRIGHT PLAGE NEAR EAST LIMB. EACH REGION EXHIBITS A SMALL LEADER
SUNSPOT WITH PENUMBRA. ADDITIONAL SPOTS MAY BE NEARER THE LIMB IN
REGION 775. SMALL SPOTS OBSERVED IN REGIONS 772(N25W03) AND 774
(N15W40) DISAPPEARED BY MIDDAY. A FAINT PLAGE CONTINUES NEAR SE LIMB
WITHOUT SPOTS.

IB. SOLAR ACTIVITY MAY INCREASE SLIGHTLY WITH POSSIBLE GROWTH AND
INTERACTION BETWEEN THE REGIONS NEAR NORTHEAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
QUIET CONDITIONS WILL CONTINUE FOR AT LEAST ANOTHER DAY BEFORE A
PERIOD OF SLIGHTLY UNSETLED CONDITIONS. SHORT PERIODS OF
ENHANCED ACTIVITY ARE POSSIBLE TOWARD THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 22-24 JAN

CLASS M 01/02/04

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JAN 76

PREDICTED 22-24 JAN 79/80/80

90-DAY MEAN 21 JAN 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 JAN 09

ESTIMATED AFR/AP 21 JAN 05/05

PREDICTED AFR/AP 22-24 JAN 05/05 - 10/10 - 10/10

SOLTERWARN

BT