

HFUS 1 BOU 230450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 113A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 23 APRIL 1975

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. THERE ARE NO SPOTS
ON THE VISIBLE DISK.

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING THE
PAST 24 HOURS. ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 48
HOURS DECREASING TO UNSETTLED DURING THE FOLLOWING 24 HOURS.

III. EVENT PROBABILITIES 23 APR - 25 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 APR 67

PREDICTED 23 APR - 25 APR 68/68/69

90-DAY MEAN 22 APR 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 APR 20

ESTIMATED AFR/AP 22 APR 14/19

PREDICTED AFR/AP 23 APR - 25 APR 19/25 - 17/22 - 10/12

SOLTERWARN

BT

HFUS 1 BOU 231430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 113B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 23 APRIL 1975

IA. A NEW REGION AR583 (N10E74) IS BRIGHT WITH A LEADER SPOT.
BOULDER REPORTS AN EMERGING FLUX REGION NEAR N14W02.

IB. THE PROBABILITY OF MINOR FLARES HAS INCREASED WITH THE
ADVENT OF AR583. NO SIGNIFICANT FLARES ARE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS.
MINOR STORM CONDITIONS SHOULD CONTINUE FOR NEXT 36 HOURS FOLLOWED
BY ACTIVE CONDITIONS.

III. EVENT PROBABILITIES 23 - 25 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 APRIL 67

PREDICTED 23 - 25 APRIL 68/70/71

90-DAY MEAN 22 APRIL 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 APRIL 20

ESTIMATED AFR/AP 22 APRIL 14/19

PREDICTED AFR/AP 23 - 25 APRIL 27/35 - 22/28 - 15/20

SOLTERWARN

BT

GEOALERT WWA113 230300

91222 10000 20670 30140 40000

20512 00000

A MINOR GEOMAGNETIC DISTURBANCE IS IN PROGRESS

80623 77773 20512 QUIET

SOLQUIET MAGALERT 23/26

FIN

SOLTERWARN

HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 113

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 APRIL 1975

IA. THERE HAS BEEN AN INCREASE IN SOLAR ACTIVITY WITH TWO NEW
REGIONS APPEARING IN THE PAST 24 HOURS. THESE REGIONS AR583
(N09E63) AND AR584 (N08W07) HAVE SMALL SPOTS - HOWEVER NEITHER
HAS PRODUCED A FLARE YET.

IB. THIS SLIGHT INCREASE IN SOLAR ACTIVITY IS EXPECTED TO CONTINUE
WITH AR583 PRODUCING ONE OR TWO SUBFLARES - LESS THAN C INTENSITY -
DURING THE NEXT 72 HOURS.

II. THE MINOR GEOMAGNETIC STORM CONTINUES. A RETURN TO ACTIVE TO
UNSETTLED CONDITIONS IS EXPECTED WITHIN 36 HOURS.

III. EVENT PROBABILITIES 24 - 26 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 APRIL 068

PREDICTED 24 - 26 APRIL 069/070/071

90-DAY MEAN 23 APRIL 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 APRIL 15

ESTIMATED AFR/AP 23 APRIL 24/35

PREDICTED AFR/AP 24 - 25 APRIL 20/28 - 15/20 - 08/10

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