

HFUS 1 BOU 200500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 232A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 19 AUGUST 1975
IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 6 HOURS. ALL THE
VISIBLE DISK FEATURES ARE STABLE AND UNIMPRESSIVE.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE
FORECAST PERIOD.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET
III. EVENT PROBABILITIES 20 AUG-22 AUG
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 19 AUGUST 75
PREDICTED 20-22 AUG 74/74/74
90-DAY MEAN 19 AUGUST 78
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 18 AUG 05
ESTIMATED AFR/AP 19 AUG 05/05
PREDICTED AFR/AP 20-22 AUG 13/14 - 20/25 - 20/25
SOLTERWARN
BT

HFUS 1 BOU 201430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
SDF NUMBER 232 B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 20 AUGUST 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL.
ATHENS REPORTS THAT A SMALL NEW REGION IS EMERGING NEAR N28 W60.
THE REST OF THE DISK IS QUIET AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL FOR THE NEXT
48 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. A RECURRENT TYPE STORM IS
STILL EXPECTED TO BRING UNSETTLED TO ACTIVE CONDITIONS LATER IN
THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 20-22-AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 AUG 075

PREDICTED 20-22 AUG 074/074/074

90-DAY MEAN 19 AUG 078

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 05

ESTIMATED AFR/AP 19 AUG 05/05

PREDICTED AFR/AP 20-22 AUG 13/14 - 20/25 - 20/25

SOLTERWARN

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GEOALERT WWA 232 200300
91219 10110 20750 30060 41010
21512 00000
80619 77773 ONE QUIET
SOLQUIET MAGQUIET
FIN
SOLTERWARN
BT

HFUS 1 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 232

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 AUGUST 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. HOWEVER, A NEW REGION, 626 (N23W67), HAS DEVELOPED DURING THE PAST 24 HOURS AND IS THE PRESENT CENTER OF ATTENTION. MAGNETIC POLARITIES IN RGN 626 ARE IN THE EXPECTED ORDER OF A NEW CYCLE GROUP IN THE NORTHERN HEMISPHERE. ALTHOUGH OTHER HIGH LATITUDE REGIONS HAVE BEEN OBSERVED OVER THE PAST SEVERAL MONTHS, THIS REGION HAS BY FAR THE STRONGEST FIELD STRENGTHS THUS FAR. A SMALL FLARE AND ASSORTED FILAMENT ACTIVITY HAS BEEN NOTED IN RGN 626 DURING THE PAST 15 HOURS. TWO OTHER NEW REGIONS HAVE ALSO DEVELOPED SINCE YESTERDAY AND ARE DESIGNATED REGIONS 627 (N07E04) AND 628 (N08E23). BOTH ARE SMALL AND SIMPLE.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL. ONE OR TWO SMALL "C" CLASS FLARES MAY BE EXPECTED FROM REGION 626.

II. THE GEOMAGNETIC FIELD EXPERIENCED A RATHER SHARP IMPULSE NEAR 201550 U.T. THE FIELD HAS BEEN QUIET TO UNSETTLED SINCE THAT TIME BUT ACTIVE CONDITIONS ARE EXPECTED TO RETURN AND PERSIST FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 21 AUGUST - 23 AUGUST

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUG 75

PREDICTED 21 AUG - 23 AUG 76/76/77

90-DAY MEAN 20 AUG 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 AUG 03

ESTIMATED AFR/AP 20 AUG 08/08

PREDICTED AFR/AP 21 AUG - 23 AUG 20/25 - 20/25 - 14/15

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