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KBOU

HFUS 1 BOU 250450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 006A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 25 JULY 1975

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARES REPORTED
SINCE THE 24/1442Z FLARE IN RGN 614 (N07E30). THIS FLARE WAS
ACCOMPANIED BY TYPES THREE AND TWO RADIO BURSTS BUT ITS XRAY
CLASS WAS LESS THAN C1. NO GROWTH HAS BEEN REPORTED IN ANY RGN
DURING THE PAST EIGHT HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING THE
PAST EIGHT HOURS. THE FIELD IS EXPECTED TO BE QUIET TO UNSETTLED
EARLY IN THE FORECAST PERIOD BECOMING ACTIVE ON 26 JULY AS RE-
CURRENT ACTIVITY RETURNS.

III. EVENT PROBABILITIES 25 JULY - 27 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JULY 77

PREDICTED 25 JULY - 27 JULY 75/75/74

90-DAY MEAN 24 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JULY 07

ESTIMATED AFR/AP 24 JULY 08/08

PREDICTED AFR/AP 25 JULY - 27 JULY 07/07 - 18/20 - 18/20

SOLTERWARN

BT

HFUS 1 BOU 251430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 206B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 25 JULY 1975
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS.
TWO SMALL C-CLASS SUBFLARES HAVE BEEN REPORTED; ONE FROM REGION 615
(N09E08) AT 25/0702Z AND THE OTHER FROM REGION 609 (S04W78) AT
0818Z. REGION 615 IS GROWING AGAIN, AFTER HAVING STABILIZED
YESTERDAY.
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. ALL REGIONS
CURRENTLY POSSESS LITTLE ENERGETIC FLARE POTENTIAL. WHILE REGION
615 IS GROWING, IT STILL HAS A SIMPLE BIPOLAR MAGNETIC CONFIGURATION.
II. THE GEOMAGNETIC FIELD BECAME ACTIVE DURING THE PAST 16 HOURS.
A LARGE SUBSTORM BEGAN AT 25/0800Z RESULTING IN A MID-LATITUDE
K-VALUE OF SIX. ACTIVITY IS EXPECTED TO BE SHORT-LIVED, RETURNING
TO UNSETTLED LEVELS BY THE END OF THE FORECAST PERIOD.
III. EVENT PROBABILITIES 25-27 JULY
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 24 JULY 77
PREDICTED 25-27 JULY 75/75/74
90-DAY MEAN 24 JULY 72
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 23 JULY 07
ESTIMATED AFR/AP 24 JULY 06/07
PREDICTED AFR/AP 25-27 JULY 25/31 - 18/20 - 12/12
SOLTERWARN
BT

GEOALERT WWA206 250300
91224 10520 20770 30080 40080
37004 00000 13207 01000 11609 00000
80625 77773 37004 QUIET 13207 QUIET
11609 QUIET
SOLQUIET MAGALERT RECURRENCE 26/28
FIN
SOLTERWARN

HXUS 80U 252200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 206
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 JULY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY SMALL C-CLASS
SUBFLARES HAVE BEEN REPORTED, MOSTLY FROM REGION 615 (N07E02)
WHICH IS STILL GROWING SLOWLY. OTHER REGIONS APPEAR QUIET
AND STABLE

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. NO ENERGETIC
ACTIVITY IS EXPECTED UNLESS REGION 615 EXPERIENCES CONSIDERABLE
GROWTH AND COMPLICATION.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED UNTIL 25/0800Z WHEN
A LARGE SUBSTORM BEGAN AT BOULDER. MID-LATITUDE K-VALUES
OF 6 AND HIGH LATITUDE K-VALUES OF 8 RESULTED FROM THIS SUBSTORM.
ALASKAN AURORAL RADAR INDICATED A STRONG ARC SOUTH OF COLLEGE,
ALASKA FROM 25/1330Z TO 1530Z. THE MAGNETIC FIELD DISTURBANCE
IS EXPECTED TO BE SHORT-LIVED. THE FIELD SHOULD BECOME UNSETTLED
TO QUIET BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 JULY - 28 JULY 1975

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JULY 77

PREDICTED 26 -28 JULY 77/76/76

90-DAY MEAN 25 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JULY 06

ESTIMATED AFR/AP 25 JULY 25/54

PREDICTED AFR/AP 26-28 JULY 18/20 - 12/12 - 08/10

SOLTERWARN

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