

NNNN
KBOU
HFUS 1 BOU 110600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 101A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 APRIL 1973
IA. NO CHANGE
IB. NO CHANGE
II. NO CHANGE
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
BT

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KBOU

HFUS 1 BOU 111300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 101B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 11 APRIL 1973

IA. SOLAR ACTIVITY HAS DECREASED SLIGHTLY BUT REMAINS MODERATE WITH
SOME CLASS C X RAY EVENTS AND SMALL CENTIMETRIC BURSTS. RGN 077
(S08W06) CONTINUES TO PRODUCE ALMOST ALL OF THE REPORTED ACTIVITY.

IB. ACTIVITY IS EXPECTED TO CONTINUE MODERATE. RGN 077 MAINTAINS
POTENTIAL FOR ENERGETIC ACTIVITY. AN ACTIVE SURGE REGION AT SE16
IS EVIDENCE OF A NEW REGION MAKING EAST LIMB TRANSIT.

II. THE GEOMAGNETIC FIELD HAS BEEN STRONGLY UNSETTLED TO ACTIVE SINCE
0130Z TODAY, AND UNSETTLED TO ACTIVE CONDITIONS ARE LIKELY TO
CONTINUE THROUGH THE FORECAST PERIOD IN APPROACH OF A RECURRENT PEAK
IN GEOMAGNETIC ACTIVITY ON ABOUT APRIL 15.

III. EVENT PROBABILITIES 11 APR - 13 APR

CLASS M 85/80/70

CLASS X 20/15/15

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 APR 115

PREDICTED 11 APR - 13 APR 114/113/110

90-DAY MEAN 10 APR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 APR 06

ESTIMATED 10 APR 03

PREDICTED 11 APR - 13 APR 16/10/14

SOLTERWARN

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ESTIMATED 10 APR 03

PREDICTED 11 APR - 13 APR 16/10/14

SOLTERWARN

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KBOU

HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 101

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 APRIL 1973

IA. SOLAR ACTIVITY IS HIGH. ALL OF THE MAJOR ACTIVITY IS ASSOCIATED WITH REGION 077, WHERE SACRAMENTO PEAK OBSERVATORY REPORTED A MAGNETIC DELTA CONFIGURATION WITH INTENSITY GREATER THAN MEASURED YESTERDAY. THE REGION PRODUCED A CLASS X EVENT (TIME OF OPTICAL MAXIMUM: 111845Z), AND IN WHITE LIGHT, ITS PROPER MOTIONS HAVE BEEN SIGNIFICANT.

IB. MAJOR ACTIVITY IS EXPECTED TO CONTINUE IN REGION 077.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE, BUT QUIETED AFTER 12Z. IT IS EXPECTED TO BECOME ~~UNSETTLED~~ LATE ON THE 12TH, AS A STORMY SECTOR OF THE SOLAR WIND APPROACHES.

III. EVENT PROBABILITIES 12 APR - 14 APR.

CLASS M 80/80/70

CLASS X 30/25/15

PROTON 15/15/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 11 APR 111

PREDICTED 12 APR - 14 APR 109/107/102

90-DAY MEAN 11 APR 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 10 APR 03

ESTIMATED 11 APR 17

PREDICTED 12 APR - 14 APR 12/12/13

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OK - Active -
not unsettled

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SDF NUMBER 101

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90-DAY MEAN 11 APR 102

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OBSERVED FREDERICKSBURG 10 APR 03

ESTIMATED 11 APR 17

PREDICTED 12 APR - 14 APR 12/12/18

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