

HFUS 1 BOU 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 122A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 02 MAY 1973

IA. SOLAR ACTIVITY HAS BEEN MODERATE DURING THE PAST 24 HOURS. REGION 092 (S13E69) HAS PRODUCED ALL OF THE DISK'S FOUR SUBFLARES AND TWO IMPORTANCE ONE-NORMAL FLARES. A ONE NORMAL FLARE FROM THIS REGION AT 01/2030 ATTAINED X-RAY CLASS X-1 AND WAS ACCOMPANIED BY CENTIMETRIC RADIO BURSTS (PEAK FLUX OF 330 F.U. IN 8800 MHZ) AND A SHORTWAVE FADE. THE REGION HAS A COMPLEX NEUTRAL LINE, TIGHT MAGNETIC GRADIENTS AND A POSSIBLE DELTA CONFIGURATION. REGION 082 HAS PASSED OVER THE WEST LIMB AT N10 WITH A PARTING WHOOP AND HOLLER PROMINENCE. REGION 085 (S07W50) HAS DECLINED AND THE REST OF THE DISK APPEARS QUIET.

IB. REGION 092 IS LIKELY TO PRODUCE ENERGETIC ACTIVITY.

II. NO CHANGE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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IB. REGION 092 IS LIKELY TO PRODUCE ENERGETIC ACTIVITY.

II. NO CHANGE.

III. NO CHANGE.

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V. NO CHANGE.

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HFUS 1 BOU 021300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 122B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 02 MAY 1973

IA. SOLAR ACTIVITY CONTINUES TO BE MODERATE. REGION 092 (S13E65)
HAS PRODUCED 5 SUBFLARES IN THE PAST 13 HOURS, AT LEAST ONE OF WHICH
WAS A CLASS M X-RAY EVENT.

IB. REGION 092 IS ACTIVE AND DYNAMIC AND CONTAINS A POSSIBLE DELTA
CONFIGURATION. FURTHER ENERGETIC ACTIVITY FROM THIS REGION IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO MILDLY UNSETTLED FOR THE
PAST 12 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE
NEXT 2 TO 3 DAYS.

III. EVENT PROBABILITIES 02 -04 MAY

CLASS M 80/80/80

CLASS X 20/15/15

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAY 113

PREDICTED 02-04 MAY 110/109/108

90-DAY MEAN 01 MAY 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 APR 17

ESTIMATED 01 MAY 14

PREDICTED 02-04 MAY 19/15/12

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HFUS 1 BOU 021300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 122B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 02 MAY 1973

IA. SOLAR ACTIVITY CONTINUES TO BE MODERATE. REGION 092 (S13E65) HAS PRODUCED 5 SUBFLARES IN THE PAST 13 HOURS, AT LEAST ONE OF WHICH WAS A CLASS M X-RAY EVENT.

IB. REGION 092 IS ACTIVE AND DYNAMIC AND CONTAINS A POSSIBLE DELTA CONFIGURATION. FURTHER ENERGETIC ACTIVITY FROM THIS REGION IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO MILDLY UNSETTLED FOR THE PAST 12 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 2 TO 3 DAYS.

III. EVENT PROBABILITIES 02 -04 MAY

CLASS M 80/80/80

CLASS X 20/15/15

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAY 113

PREDICTED 02-04 MAY 110/109/108

90-DAY MEAN 01 MAY 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 APR 17

ESTIMATED 01 MAY 14

PREDICTED 02-04 MAY 19/15/12

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 122

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 MAY 1973.

IA. SOLAR ACTIVITY REMAINS MODERATE. REGION 092 (S13E65) IS THE STRONGEST ON THE DISK, AND IS AN INTENSE, GROWING REGION CONTAINING A DOUBLE DELTA CONFIGURATION. IT HAS PRODUCED NUMEROUS SUBFLARES, AND AN IMPORTANCE 1B FLARE (02/2039Z). THE TWO MOST IMPORTANT X-RAY FLARES FROM THE REGION (M6 AT 01/1150Z, M8 AT 01/2039Z) PRODUCED SHORTWAVE FADES, DEKAMETRIC AND CENTIMETRIC RADIO BURSTS. REGION 089 (S12W57) HAS SHOWN REDEVELOPMENT AND GROWTH AND HAS PRODUCED OCCASIONAL SUBFLARES.

IB. REGION 092 IS POTENT AND CAPABLE OF VERY ENERGETIC ACTIVITY. THE PRESENCE OF BOTH 092 AND 089 INSURES FLARE ACTIVITY OF MODERATE INTENSITY.

II. THE GEOMAGNETIC FIELD IS UNSETTLED BUT CONTINUES ITS QUIETING TREND. GENERALLY QUIET CONDITIONS ARE EXPECTED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 MAY - 05 MAY.

CLASS M 80/80/80

CLASS X 20/20/20

PROTON 05/08/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 02 MAY 117

PREDICTED 03 MAY - 05 MAY 118/122/124

90-DAY MEAN 02 MAY 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 01 MAY 14

ESTIMATED 02 MAY 10

PREDICTED 03 MAY - 05 MAY 10/08/06

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